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Text Part Number: 78EE117C99-2976137067

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- 1.240 goid 17d1149c6ac6eb7fbbbde58f2805a0c6b77ac582**
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- 1.241 com.dynatrace.hash4j:hash4j 0.20.0**
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- 1.302 protocpile d02d3732d1132a0f770aa934503e5a93356883f9**
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- 1.303 github.com/tdakkota/asciicheck v0.4.1**
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1.326 dupword 34c8f9a6efc35a76852a9e81582b638a364df21f

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1.1 jwalterweatherman

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1.2 golang-protobuf-extensions

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1.3 errors

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1.4 glob v0.2.3

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1.5 github.com/nakabonne/nestif v0.3.1

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1.6 github.com/gostaticanalysis/analysisutil v0.7.1

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1.7 structtag v1.2.0

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1.8 github.com/ssgreg/nlreturn/v2 v2.2.1

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1.9 github.com/gostaticanalysis/nilerr v0.1.1

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1.10 github.com/alexkohler/prealloc v1.0.0

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1.11 github.com/jingyugao/rowserrcheck

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1.12 github.com/hexops/gotextdiff v1.0.3

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1.13 github.com/fzipp/gocyclo v0.6.0

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1.15 github.com/kulti/thelper v0.6.3

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1.17 github.com/yagipy/maintidx v1.0.0

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1.19 github.com/quasilyte/gogrep v0.5.0

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1.22 github.com/nishanth/predeclared v0.2.2

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1.23 github.com/tommy-muehle/go-mnd/v2 v2.5.1

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1.25 github.com/blizzy78/varnamelen v0.8.0

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1.27 github.com/lucasb-eyer/go-colorful v1.2.0

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1.28 jest-junit 16.0.0

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1.29 pgzip v1.2.6

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1.30 github.com/rivo/uniseg v0.4.7

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1.31 @opentelemetry/api 1.9.0

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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Gocheck - A rich testing framework for Go

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1.34 flock v0.12.1

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1.36 github.com/maratori/testpackage v1.1.1

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1.37 github.com/sivchari/containedctx v1.0.3

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1.38 github.com/charithe/durationcheck v0.0.10

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1.40 automaxprocs v1.6.0

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1.41 github.com/ryanrolds/sqlclosecheck v0.5.1

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1.42 dotenv 16.5.0

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1.43 zod 3.24.3

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1.44 google-guice-core-library 6.0.0

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1.45 apache-common-codec 1.18.0

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1.46 slf4j-api-module 2.0.16

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1.47 google-go-cmp

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1.48 yaml

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1.49 logrus

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1.50 testify

89cbdd9e7b39eb58896d316a7495597d3aba43

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1.51 protobuf

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1.52 multierr

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4

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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/NewInstanceSchemaFull.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/RpcUtil.java
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- /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/CodedInputStream.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/TypeRegistry.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/BlockingService.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/Java8Compatibility.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/BooleanArrayList.java

- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/AbstractMessage.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/MutabilityOracle.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/CheckReturnValue.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/StructuralMessageInfo.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/RuntimeVersion.java
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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/UnknownFieldSetSchema.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/ServiceException.java
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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/UnknownFieldSchema.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/ExtensionRegistry.java
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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/Message.java
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- /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/CompileTimeConstant.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/MapFieldLite.java
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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/UnknownFieldSetLiteSchema.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/RepeatedFieldBuilder.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/OneofInfo.java

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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/NewInstanceSchemas.java
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- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/AllocatedBuffer.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/ListFieldSchema.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/UnknownFieldSetLite.java

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* /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/Protobuf.java
* /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/Parser.java
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* /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/RepeatedFieldBuilderV3.java
* /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/SingleFieldBuilderV3.java
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```

```

java.util.List<com.google.protobuf.DescriptorProtos.FieldOptions.OptionTargetType> getTargetsList();
getEditionDefaultsList();
public java.util.List<com.google.protobuf.DescriptorProtos.FieldOptions.OptionTargetType> getTargetsList() {
public java.util.List<com.google.protobuf.DescriptorProtos.FieldOptions.EditionDefault> getEditionDefaultsList() {
if (!getEditionDefaultsList())
.equals(other.getEditionDefaultsList())) return false;
hash = (53 * hash) + getEditionDefaultsList().hashCode();
public java.util.List<com.google.protobuf.DescriptorProtos.FieldOptions.OptionTargetType> getTargetsList() {
public java.util.List<com.google.protobuf.DescriptorProtos.FieldOptions.EditionDefault> getEditionDefaultsList() {
getDefaultsList();
public java.util.List<com.google.protobuf.DescriptorProtos.FeatureSetDefaults.FeatureSetEditionDefault>
getDefaultsList() {

```

```

if (!getDefaultsList()
.equals(other.getDefaultsList())) return false;
hash
= (53 * hash) + getDefaultsList().hashCode();
public java.util.List<com.google.protobuf.DescriptorProtos.FeatureSetDefaults.FeatureSetEditionDefault>
getDefaultsList() {
getLeadingDetachedCommentsList();
getLeadingDetachedCommentsList() {
size += 1 * getLeadingDetachedCommentsList().size();
if (!getLeadingDetachedCommentsList()
.equals(other.getLeadingDetachedCommentsList())) return false;
hash = (53 * hash) + getLeadingDetachedCommentsList().hashCode();
getLeadingDetachedCommentsList() {

```

Found in path(s):

* /protobuf-java-4-29-3-sources-3-jar/com/google/protobuf/DescriptorProtos.java

1.54 zap

fcf8ee58669e358bbd6460bef5c2ee7a53c0803a

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1.56 ini-v1

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1.57 mapstructure

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1.58 hcl

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Paul Borman <borman@google.com>

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shawnps

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1.60 cast

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1.64 go-units

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1.68 docker-image-spec

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1.76 github.com/grpc-ecosystem/grpc-gateway/v2 v2.26.3

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1.79 guava 33.5.0-jre

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1.80 github.com/dlclark/regexp2 v1.11.5

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1.81 mod

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1.83 tools

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f

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// Package copyright checks that files have the correct copyright notices.

package copyright

import (

 "go/ast"

 "go/parser"

 "go/token"

 "io/fs"

 "os"

 "path/filepath"

 "regexp"

 "strings"

)

// (used only by tests)

func checkCopyright(dir string) ([]string, error) {

 var files []string

 err := filepath.WalkDir(dir, func(path string, d fs.DirEntry, err error) error {

 if err != nil {

 return err

 }

 if d.IsDir() {

 // Skip directories like ".git".

 if strings.HasPrefix(d.Name(), ".") && d.Name() != "." && d.Name() != ".." {

 return filepath.SkipDir

 }

 // Skip any directory that starts with an underscore, as the go

 // command would.

 if strings.HasPrefix(d.Name(), "_") {

 return filepath.SkipDir

 }

 return nil

 }

 needsCopyright, err := checkFile(dir, path)

 if err != nil {

 return err

 }

 if

 needsCopyright {

 files = append(files, path)

 }

 return nil

 })

 return files, err

}

var copyrightRe = regexp.MustCompile(`Copyright \d{4} The Go Authors. All rights reserved.

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license that can be found in the LICENSE file.`)

```
func checkFile(toolsDir, filename string) (bool, error) {
    // Only check Go files.
    if !strings.HasSuffix(filename, ".go") {
        return false, nil
    }
    // Don't check testdata files.
    normalized := strings.TrimPrefix(filepath.ToSlash(filename), filepath.ToSlash(toolsDir))
    if strings.Contains(normalized, "/testdata/") {
        return false, nil
    }
    // goyacc is the only file with a different copyright header.
    if strings.HasSuffix(normalized, "cmd/goyacc/yacc.go") {
        return false, nil
    }
    content, err := os.ReadFile(filename)
    if err != nil {
        return false, err
    }
    fset := token.NewFileSet()
    parsed, err := parser.ParseFile(fset, filename, content, parser.ParseComments)
    if err != nil {
        return false, err
    }
    //
    Don't require headers on generated files.
    if ast.IsGenerated(parsed) {
        return false, nil
    }
    shouldAddCopyright := true
    for _, c := range parsed.Comments {
        // The copyright should appear before the package declaration.
        if c.Pos() > parsed.Package {
            break
        }
        if copyrightRe.MatchString(c.Text()) {
            shouldAddCopyright = false
            break
        }
    }
    return shouldAddCopyright, nil
}

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```

package licenses_test

```

import (
    "bytes"
    "os"
    "os/exec"
    "runtime"
    "testing"
)

func TestLicenses(t *testing.T) {
    if runtime.GOOS != "linux" && runtime.GOOS != "darwin" {
        t.Skip("generating licenses only works on Unixes")
    }
    tmp, err := os.CreateTemp("", "")
    if err != nil {
        t.Fatal(err)
    }
    tmp.Close() // ignore error

    if out, err := exec.Command("./gen-licenses.sh", tmp.Name()).CombinedOutput(); err != nil {
        t.Fatalf("generating licenses failed: %q, %v", out, err)
    }

    got, err := os.ReadFile(tmp.Name())
    if err != nil {
        t.Fatal(err)
    }
    want, err := os.ReadFile("licenses.go")
    if err != nil {
        t.Fatal(err)
    }
    if !bytes.Equal(got, want) {
        t.Error("combined license text needs updating. Run: `go generate ./internal/licenses` from the gopls module.")
    }
}

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package copyright

import (
    "strings"
    "testing"
)

func TestToolsCopyright(t *testing.T) {
    files, err := checkCopyright(".")

```

```

if err != nil {
    t.Fatal(err)
}
if len(files) > 0 {
    t.Errorf("The following files are missing copyright notices:\n%s", strings.Join(files, "\n"))
}
}

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# Use a command such as this to convert a range of git commits:
#
# $ join -o 2.2 <(git log --format="format: %aE" gopls/v0.18.1..gopls/v0.19.0-pre.3 | sort -u) \
#     <(grep '^[^#]' ~/w/xtools/gopls/contributors.txt | sort)
#
# Use -v 1 instead of -o 2.2 to detect any missing entries.

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```
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```

```
//go:generate ./gen-licenses.sh licenses.go
package licenses
```

```
const Text = `
-- github.com/BurntSushi/toml COPYING --
```

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1.85 mapstructure

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procfs provides functions to retrieve system, kernel and process
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/* This is auto-generated file. See bpf_doc.py for details. */

/* Forward declarations of BPF structs */

```
struct bpf_fib_lookup;
struct bpf_sk_lookup;
struct bpf_perf_event_data;
struct bpf_perf_event_value;
struct bpf_pidns_info;
struct bpf_redir_neigh;
struct bpf_sock;
struct bpf_sock_addr;
struct bpf_sock_ops;
struct bpf_sock_tuple;
struct bpf_spin_lock;
struct bpf_sysctl;
struct bpf_tcp_sock;
struct bpf_tunnel_key;
struct bpf_xfrm_state;
struct linux_binprm;
struct pt_regs;
struct sk_reuseport_md;
struct sockaddr;
struct tcphdr;
struct seq_file;
struct tcp6_sock;
struct tcp_sock;
struct tcp_timewait_sock;
struct tcp_request_sock;
struct udp6_sock;
struct unix_sock;
struct task_struct;
struct cgroup;
struct __sk_buff;
struct sk_msg_md;
struct xdp_md;
struct path;
struct btf_ptr;
struct inode;
struct socket;
struct file;
struct bpf_timer;
struct mptcp_sock;
struct bpf_dynptr;
struct iphdr;
```

```

struct ipv6hdr;

/*
 * bpf_map_lookup_elem
 *
 * Perform a lookup in *map* for an entry associated
 * to *key*.
 *
 * Returns
 * Map value associated to *key*, or **NULL** if no entry was
 * found.
 */
static void *(* const bpf_map_lookup_elem)(void *map, const void *key) = (void *) 1;

/*
 * bpf_map_update_elem
 *
 * Add or update the value of the entry associated to *key* in
 * *map* with *value*. *flags* is one of:
 *
 * **BPF_NOEXIST**
 * The entry for *key* must not exist in the map.
 * **BPF_EXIST**
 * The entry for *key* must already exist in the map.
 * **BPF_ANY**
 * No condition on the existence of the entry for *key*.
 *
 * Flag value **BPF_NOEXIST** cannot be used for maps of types
 * **BPF_MAP_TYPE_ARRAY** or **BPF_MAP_TYPE_PERCPU_ARRAY** (all
 * elements always exist), the helper would return an error.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_map_update_elem)(void *map, const void *key, const void *value, __u64 flags) = (void *)
2;

/*
 * bpf_map_delete_elem
 *
 * Delete entry with *key* from
 * *map*.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_map_delete_elem)(void *map, const void *key) = (void *) 3;

```

```

/*
 * bpf_probe_read
 *
 * For tracing programs, safely attempt to read *size* bytes from
 * kernel space address *unsafe_ptr* and store the data in *dst*.
 *
 * Generally, use **bpf_probe_read_user**\ () or
 * **bpf_probe_read_kernel**\ () instead.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_probe_read)(void *dst, __u32 size, const void *unsafe_ptr) = (void *) 4;

/*
 * bpf_ktime_get_ns
 *
 * Return the time elapsed since system boot, in nanoseconds.
 * Does not include time the system was suspended.
 * See: **clock_gettime**\ (**CLOCK_MONOTONIC**)
 *
 * Returns
 * Current *ktime*.
 */
static __u64 (* const bpf_ktime_get_ns)(void) = (void *) 5;

/*
 * bpf_trace_printk
 *
 * This helper is a "printk()-like" facility for debugging. It
 * prints a message
 * defined by format *fmt* (of size *fmt_size*)
 * to file */sys/kernel/tracing/trace* from TraceFS, if
 * available. It can take up to three additional **u64**
 * arguments (as an eBPF helpers, the total number of arguments is
 * limited to five).
 *
 * Each time the helper is called, it appends a line to the trace.
 * Lines are discarded while */sys/kernel/tracing/trace* is
 * open, use */sys/kernel/tracing/trace_pipe* to avoid this.
 * The format of the trace is customizable, and the exact output
 * one will get depends on the options set in
 * */sys/kernel/tracing/trace_options* (see also the
 * *README* file under the same directory). However, it usually
 * defaults to something like:
 *
 * ::
 *

```

```

* telnet-470 [001] .N.. 419421.045894: 0x00000001: <formatted msg>
*
* In the above:
*
* * ``telnet`` is the name of the current task.
* * ``470`` is the PID of the current task.
* * ``001`` is the CPU number on which the task is
*   running.
* * In
*   ``.N..``, each character refers to a set of
*   options (whether irqs are enabled, scheduling
*   options, whether hard/softirqs are running, level of
*   preempt_disabled respectively). **N** means that
*   **TIF_NEED_RESCHED** and **PREEMPT_NEED_RESCHED**
*   are set.
* * ``419421.045894`` is a timestamp.
* * ``0x00000001`` is a fake value used by BPF for the
*   instruction pointer register.
* * ``<formatted msg>`` is the message formatted with
*   *fmt*.
*
* The conversion specifiers supported by *fmt* are similar, but
* more limited than for printk(). They are **%d**, **%i**,
* **%u**, **%x**, **%ld**, **%li**, **%lu**, **%lx**, **%lld**,
* **%lli**, **%llu**, **%llx**, **%p**, **%s**. No modifier (size
* of field, padding with zeroes, etc.) is available, and the
* helper will return **-EINVAL** (but print nothing) if it
* encounters an unknown specifier.
*
* Also, note that **bpf_trace_printk**\ () is slow, and should
* only be used
  for debugging purposes. For this reason, a notice
* block (spanning several lines) is printed to kernel logs and
* states that the helper should not be used "for production use"
* the first time this helper is used (or more precisely, when
* **trace_printk**\ () buffers are allocated). For passing values
* to user space, perf events should be preferred.
*
* Returns
* The number of bytes written to the buffer, or a negative error
* in case of failure.
*/
static long (* const bpf_trace_printk)(const char *fmt, __u32 fmt_size, ...) = (void *) 6;

/*
* bpf_get_prandom_u32
*
* Get a pseudo-random number.

```

```

*
* From a security point of view, this helper uses its own
* pseudo-random internal state, and cannot be used to infer the
* seed of other random functions in the kernel. However, it is
* essential to note that the generator used by the helper is not
* cryptographically secure.
*
* Returns
* A random 32-bit unsigned value.
*/
static __u32 (* const bpf_get_prandom_u32)(void)
= (void *) 7;

/*
* bpf_get_smp_processor_id
*
* Get the SMP (symmetric multiprocessing) processor id. Note that
* all programs run with migration disabled, which means that the
* SMP processor id is stable during all the execution of the
* program.
*
* Returns
* The SMP id of the processor running the program.
*/
static __u32 (* const bpf_get_smp_processor_id)(void) = (void *) 8;

/*
* bpf_skb_store_bytes
*
* Store *len* bytes from address *from* into the packet
* associated to *skb*, at *offset*. *flags* are a combination of
* **BPF_F_RECOMPUTE_CSUM** (automatically recompute the
* checksum for the packet after storing the bytes) and
* **BPF_F_INVALIDATE_HASH** (set *skb*->hash**, *skb*->
* **->swhash** and *skb*->l4hash** to 0).
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must
be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_store_bytes)(struct __sk_buff *skb, __u32 offset, const void *from, __u32 len, __u64
flags) = (void *) 9;

```

```

/*
 * bpf_l3_csum_replace
 *
 * Recompute the layer 3 (e.g. IP) checksum for the packet
 * associated to *skb*. Computation is incremental, so the helper
 * must know the former value of the header field that was
 * modified (*from*), the new value of this field (*to*), and the
 * number of bytes (2 or 4) for this field, stored in *size*.
 * Alternatively, it is possible to store the difference between
 * the previous and the new values of the header field in *to*, by
 * setting *from* and *size* to 0. For both methods, *offset*
 * indicates the location of the IP checksum within the packet.
 *
 * This helper works in combination with **bpf_csum_diff**\ (),
 * which does not update
 the checksum in-place, but offers more
 * flexibility and can handle sizes larger than 2 or 4 for the
 * checksum to update.
 *
 * A call to this helper is susceptible to change the underlying
 * packet buffer. Therefore, at load time, all checks on pointers
 * previously done by the verifier are invalidated and must be
 * performed again, if the helper is used in combination with
 * direct packet access.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_l3_csum_replace)(struct __sk_buff *skb, __u32 offset, __u64 from, __u64 to, __u64 size) =
(void *) 10;

/*
 * bpf_l4_csum_replace
 *
 * Recompute the layer 4 (e.g. TCP, UDP or ICMP) checksum for the
 * packet associated to *skb*. Computation is incremental, so the
 * helper must know the former value of the header field that was
 * modified (*from*), the new value of this field (*to*), and the
 * number of bytes (2 or 4) for this field, stored on the lowest
 * four bits
 of *flags*. Alternatively, it is possible to store
 * the difference between the previous and the new values of the
 * header field in *to*, by setting *from* and the four lowest
 * bits of *flags* to 0. For both methods, *offset* indicates the
 * location of the IP checksum within the packet. In addition to
 * the size of the field, *flags* can be added (bitwise OR) actual
 * flags. With **BPF_F_MARK_MANGLED_0**, a null checksum is left

```

- * untouched (unless **BPF_F_MARK_ENFORCE** is added as well), and
- * for updates resulting in a null checksum the value is set to
- * **CSUM_MANGLED_0** instead. Flag **BPF_F_PSEUDO_HDR** indicates
- * the checksum is to be computed against a pseudo-header.
- *
- * This helper works in combination with **bpf_csum_diff** (),
- * which does not update the checksum in-place, but offers more
- * flexibility and can handle sizes larger than 2 or 4 for the
- * checksum to update.
- *
- * A call to this helper is susceptible to change the underlying
- * packet buffer. Therefore, at load time, all checks on pointers
- * previously done by the verifier are invalidated and must be
- * performed again, if the helper is used in combination with
- * direct packet access.
- *
- * Returns
- * 0 on success, or a negative error in case of failure.
- */

```
static long (* const bpf_l4_csum_replace)(struct __sk_buff *skb, __u32 offset, __u64 from, __u64 to, __u64 flags)
= (void *) 11;
```

/*

bpf_tail_call

*

- * This special helper is used to trigger a "tail call", or in
- * other words, to jump into another eBPF program. The same stack
- * frame is used (but values on stack and in registers for the
- * caller are not accessible to the callee). This mechanism allows
- * for program chaining, either for raising the maximum number of
- * available eBPF instructions, or to execute given programs in
- * conditional blocks. For security reasons, there is an upper
- * limit to the number of successive tail calls that can be
- * performed.
- *
- * Upon call

of this helper, the program attempts to jump into a

- * program referenced at index **index** in **prog_array_map**, a
- * special map of type **BPF_MAP_TYPE_PROG_ARRAY**, and passes
- * **ctx**, a pointer to the context.
- *
- * If the call succeeds, the kernel immediately runs the first
- * instruction of the new program. This is not a function call,
- * and it never returns to the previous program. If the call
- * fails, then the helper has no effect, and the caller continues
- * to run its subsequent instructions. A call can fail if the
- * destination program for the jump does not exist (i.e. **index**
- * is superior to the number of entries in **prog_array_map**), or


```

* if the maximum number of tail calls has been reached for this
* chain of programs. This limit is defined in the kernel by the
* macro **MAX_TAIL_CALL_CNT** (not accessible to user space),
* which is currently set to 33.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const
bpf_tail_call)(void *ctx, void *prog_array_map, __u32 index) = (void *) 12;

/*
* bpf_clone_redirect
*
* Clone and redirect the packet associated to *skb* to another
* net device of index *ifindex*. Both ingress and egress
* interfaces can be used for redirection. The **BPF_F_INGRESS**
* value in *flags* is used to make the distinction (ingress path
* is selected if the flag is present, egress path otherwise).
* This is the only flag supported for now.
*
* In comparison with **bpf_redirect**() helper,
* **bpf_clone_redirect**() has the associated cost of
* duplicating the packet buffer, but this can be executed out of
* the eBPF program. Conversely, **bpf_redirect**() is more
* efficient, but it is handled through an action code where the
* redirection happens only after the eBPF program has returned.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously
done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure. Positive
* error indicates a potential drop or congestion in the target
* device. The particular positive error codes are not defined.
*/
static long (* const bpf_clone_redirect)(struct __sk_buff *skb, __u32 ifindex, __u64 flags) = (void *) 13;

/*
* bpf_get_current_pid_tgid
*
* Get the current pid and tgid.
*
* Returns

```

```

* A 64-bit integer containing the current tgid and pid, and
* created as such:
* *current_task* \ **->tgid << 32 \|**
* *current_task* \ **->pid**.
*/
static __u64 (* const bpf_get_current_pid_tgid)(void) = (void *) 14;

/*
* bpf_get_current_uid_gid
*
* Get the current uid and gid.
*
* Returns
* A 64-bit integer containing the current GID and UID, and
* created as such: *current_gid* **<< 32 \|** *current_uid*.
*/
static __u64 (* const
bpf_get_current_uid_gid)(void) = (void *) 15;

/*
* bpf_get_current_comm
*
* Copy the **comm** attribute of the current task into *buf* of
* *size_of_buf*. The **comm** attribute contains the name of
* the executable (excluding the path) for the current task. The
* *size_of_buf* must be strictly positive. On success, the
* helper makes sure that the *buf* is NUL-terminated. On failure,
* it is filled with zeroes.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_get_current_comm)(void *buf, __u32 size_of_buf) = (void *) 16;

/*
* bpf_get_cgroup_classid
*
* Retrieve the classid for the current task, i.e. for the net_cls
* cgroup to which *skb* belongs.
*
* This helper can be used on TC egress path, but not on ingress.
*
* The net_cls cgroup provides an interface to tag network packets
* based on a user-provided identifier for all traffic coming from
* the tasks belonging to the related cgroup. See also the
related
* kernel documentation, available from the Linux sources in file
* *Documentation/admin-guide/cgroup-v1/net_cls.rst*.

```

```

*
* The Linux kernel has two versions for cgroups: there are
* cgroups v1 and cgroups v2. Both are available to users, who can
* use a mixture of them, but note that the net_cls cgroup is for
* cgroup v1 only. This makes it incompatible with BPF programs
* run on cgroups, which is a cgroup-v2-only feature (a socket can
* only hold data for one version of cgroups at a time).
*
* This helper is only available if the kernel was compiled with
* the CONFIG_CGROUP_NET_CLASSID configuration option set to
* "y" or to "m".
*
* Returns
* The classid, or 0 for the default unconfigured classid.
*/
static __u32 (* const bpf_get_cgroup_classid)(struct __sk_buff *skb) = (void *) 17;

/*
* bpf_skb_vlan_push
*
* Push a *vlan_tci* (VLAN tag control information) of protocol
* *vlan_proto* to the packet associated to *skb*, then update
* the checksum. Note that if *vlan_proto* is different from
* ETH_P_8021Q and ETH_P_8021AD, it is considered to
* be ETH_P_8021Q.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_vlan_push)(struct __sk_buff *skb, __be16 vlan_proto, __u16 vlan_tci) = (void *) 18;

/*
* bpf_skb_vlan_pop
*
* Pop a VLAN header from the packet associated to *skb*.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.

```

```

*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_vlan_pop)(struct __sk_buff *skb) = (void *) 19;

/*
* bpf_skb_get_tunnel_key
*
* Get tunnel metadata. This helper takes a pointer *key* to an
* empty **struct bpf_tunnel_key** of **size**, that will be
* filled with tunnel metadata for the packet associated to *skb*.
* The *flags* can be set to **BPF_F_TUNINFO_IPV6**, which
* indicates that the tunnel is based on IPv6 protocol instead of
* IPv4.
*
* The **struct bpf_tunnel_key** is an object that generalizes the
* principal parameters used by various tunneling protocols into a
* single struct. This way, it can be used to easily make a
* decision based on the contents of the encapsulation header,
* "summarized" in this struct. In particular, it holds the IP
* address of the remote end (IPv4 or IPv6, depending on the case)
* in *key*\ **->remote_ipv4** or *key*\ **->remote_ipv6**. Also,
* this struct
* exposes the *key*\ **->tunnel_id**, which is
* generally mapped to a VNI (Virtual Network Identifier), making
* it programmable together with the **bpf_skb_set_tunnel_key**\
* () helper.
*
* Let's imagine that the following code is part of a program
* attached to the TC ingress interface, on one end of a GRE
* tunnel, and is supposed to filter out all messages coming from
* remote ends with IPv4 address other than 10.0.0.1:
*
* ::
*
* int ret;
* struct bpf_tunnel_key key = {};
*
* ret = bpf_skb_get_tunnel_key(skb, &key, sizeof(key), 0);
* if (ret < 0)
*     return TC_ACT_SHOT; // drop packet
*
* if (key.remote_ipv4 != 0x0a000001)
*     return TC_ACT_SHOT; // drop packet
*
* return TC_ACT_OK; // accept packet
*

```

- * This interface can also be used with all encapsulation devices
- * that can operate in "collect metadata" mode: instead of having
- * one network device per specific configuration, the "collect
- * metadata" mode only requires a single
- device where the
- * configuration can be extracted from this helper.
- *
- * This can be used together with various tunnels such as VXLAN,
- * Geneve, GRE or IP in IP (IPIP).
- *
- * Returns
- * 0 on success, or a negative error in case of failure.
- */

```
static long (* const bpf_skb_get_tunnel_key)(struct __sk_buff *skb, struct bpf_tunnel_key *key, __u32 size, __u64
flags) = (void *) 20;
```

```
/*
 * bpf_skb_set_tunnel_key
 *
 * Populate tunnel metadata for packet associated to *skb.* The
 * tunnel metadata is set to the contents of *key*, of *size*. The
 * *flags* can be set to a combination of the following values:
 *
 * **BPF_F_TUNINFO_IPV6**
 * Indicate that the tunnel is based on IPv6 protocol
 * instead of IPv4.
 * **BPF_F_ZERO_CSUM_TX**
 * For IPv4 packets, add a flag to tunnel metadata
 * indicating that checksum computation should be skipped
 * and checksum set to zeroes.
 * **BPF_F_DONT_FRAGMENT**
 * Add a flag to tunnel metadata indicating that the
 * packet should
 * not be fragmented.
 * **BPF_F_SEQ_NUMBER**
 * Add a flag to tunnel metadata indicating that a
 * sequence number should be added to tunnel header before
 * sending the packet. This flag was added for GRE
 * encapsulation, but might be used with other protocols
 * as well in the future.
 * **BPF_F_NO_TUNNEL_KEY**
 * Add a flag to tunnel metadata indicating that no tunnel
 * key should be set in the resulting tunnel header.
 *
 * Here is a typical usage on the transmit path:
 *
 * ::
 *
```

```

* struct bpf_tunnel_key key;
*     populate key ...
* bpf_skb_set_tunnel_key(skb, &key, sizeof(key), 0);
* bpf_clone_redirect(skb, vxlan_dev_ifindex, 0);
*
* See also the description of the bpf_skb_get_tunnel_key()
* helper for additional information.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/

static long (* const bpf_skb_set_tunnel_key)(struct __sk_buff *skb, struct bpf_tunnel_key *key, __u32 size, __u64
flags) = (void *) 21;

/*
* bpf_perf_event_read
*
* Read the value of a perf event counter. This helper relies on a
* *map* of type BPF_MAP_TYPE_PERF_EVENT_ARRAY. The nature of
* the perf event counter is selected when *map* is updated with
* perf event file descriptors. The *map* is an array whose size
* is the number of available CPUs, and each cell contains a value
* relative to one CPU. The value to retrieve is indicated by
* *flags*, that contains the index of the CPU to look up, masked
* with BPF_F_INDEX_MASK. Alternatively, *flags* can be set to
* BPF_F_CURRENT_CPU to indicate that the value for the
* current CPU should be retrieved.
*
* Note that before Linux 4.13, only hardware perf event can be
* retrieved.
*
* Also, be aware that the newer helper
* bpf_perf_event_read_value() is recommended over
* bpf_perf_event_read() in general. The latter has some ABI
* quirks where error and counter value are used as a return code
* (which is wrong
to do since ranges may overlap). This issue is
* fixed with bpf_perf_event_read_value(), which at the same
* time provides more features over the bpf_perf_event_read
* () interface. Please refer to the description of
* bpf_perf_event_read_value() for details.
*
* Returns
* The value of the perf event counter read from the map, or a
* negative error code in case of failure.
*/

static __u64 (* const bpf_perf_event_read)(void *map, __u64 flags) = (void *) 22;

```

```

/*
 * bpf_redirect
 *
 * Redirect the packet to another net device of index *ifindex*.
 * This helper is somewhat similar to **bpf_clone_redirect**\
 * (), except that the packet is not cloned, which provides
 * increased performance.
 *
 * Except for XDP, both ingress and egress interfaces can be used
 * for redirection. The **BPF_F_INGRESS** value in *flags* is used
 * to make the distinction (ingress path is selected if the flag
 * is present, egress path otherwise). Currently, XDP only
 *
 * supports redirection to the egress interface, and accepts no
 * flag at all.
 *
 * The same effect can also be attained with the more generic
 * **bpf_redirect_map**\ (), which uses a BPF map to store the
 * redirect target instead of providing it directly to the helper.
 *
 * Returns
 * For XDP, the helper returns **XDP_REDIRECT** on success or
 * **XDP_ABORTED** on error. For other program types, the values
 * are **TC_ACT_REDIRECT** on success or **TC_ACT_SHOT** on
 * error.
 */
static long (* const bpf_redirect)(__u32 ifindex, __u64 flags) = (void *) 23;

/*
 * bpf_get_route_realm
 *
 * Retrieve the realm or the route, that is to say the
 * **tclassid** field of the destination for the *skb*. The
 * identifier retrieved is a user-provided tag, similar to the
 * one used with the net_cls cgroup (see description for
 * **bpf_get_cgroup_classid**\ () helper), but here this tag is
 * held by a route (a destination entry), not by a task.
 *
 * Retrieving this identifier
 * works with the clsact TC egress hook
 * (see also **tc-bpf(8)**), or alternatively on conventional
 * classful egress qdiscs, but not on TC ingress path. In case of
 * clsact TC egress hook, this has the advantage that, internally,
 * the destination entry has not been dropped yet in the transmit
 * path. Therefore, the destination entry does not need to be
 * artificially held via **netif_keep_dst**\ () for a classful
 * qdisc until the *skb* is freed.
 *

```

```

* This helper is available only if the kernel was compiled with
* **CONFIG_IP_ROUTE_CLASSID** configuration option.
*
* Returns
* The realm of the route for the packet associated to *skb*, or 0
* if none was found.
*/
static __u32 (* const bpf_get_route_realm)(struct __sk_buff *skb) = (void *) 24;

/*
* bpf_perf_event_output
*
* Write raw *data* blob into a special BPF perf event held by
* *map* of type **BPF_MAP_TYPE_PERF_EVENT_ARRAY**. This perf
* event must have the following attributes: **PERF_SAMPLE_RAW**
* as **sample_type**, **PERF_TYPE_SOFTWARE** as **type**, and
* **PERF_COUNT_SW_BPF_OUTPUT** as **config**.
*
* The *flags* are used to indicate the index in *map* for which
* the value must be put, masked with **BPF_F_INDEX_MASK**.
* Alternatively, *flags* can be set to **BPF_F_CURRENT_CPU**
* to indicate that the index of the current CPU core should be
* used.
*
* The value to write, of *size*, is passed through eBPF stack and
* pointed by *data*.
*
* The context of the program *ctx* needs also be passed to the
* helper.
*
* On user space, a program willing to read the values needs to
* call **perf_event_open**\ () on the perf event (either for
* one or for all CPUs) and to store the file descriptor into the
* *map*. This must be done before the eBPF program can send data
* into it. An example is available in file
* *samples/bpf/trace_output_user.c* in the Linux kernel source
* tree (the eBPF program counterpart is in
* *samples/bpf/trace_output_kern.c*).
*
* **bpf_perf_event_output**\ () achieves better performance
* than **bpf_trace_printk**\ () for sharing data with user
* space, and is much better suitable for streaming data from eBPF
* programs.
*
* Note that this helper is not restricted to tracing use cases
* and can be used with programs attached to TC or XDP as well,
* where it allows for passing data to user space listeners. Data
* can be:

```



```

*
* * Only custom structs,
* * Only the packet payload, or
* * A combination of both.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_perf_event_output)(void *ctx, void *map, __u64 flags, void *data, __u64 size) = (void *)
25;

/*
* bpf_skb_load_bytes
*
* This helper was provided as an easy way to load data from a
* packet. It can be used to load *len* bytes from *offset* from
* the packet associated to *skb*, into the buffer pointed by
* *to*.
*
* Since Linux 4.7, usage of this helper
has mostly been replaced
* by "direct packet access", enabling packet data to be
* manipulated with *skb->data* and *skb->data_end*
* pointing respectively to the first byte of packet data and to
* the byte after the last byte of packet data. However, it
* remains useful if one wishes to read large quantities of data
* at once from a packet into the eBPF stack.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_load_bytes)(const void *skb, __u32 offset, void *to, __u32 len) = (void *) 26;

/*
* bpf_get_stackid
*
* Walk a user or a kernel stack and return its id. To achieve
* this, the helper needs *ctx*, which is a pointer to the context
* on which the tracing program is executed, and a pointer to a
* *map* of type **BPF_MAP_TYPE_STACK_TRACE**.
*
* The last argument, *flags*, holds the number of stack frames to
* skip (from 0 to 255), masked with
* **BPF_F_SKIP_FIELD_MASK**. The next bits can
be used to set
* a combination of the following flags:
*
* **BPF_F_USER_STACK**

```

```

* Collect a user space stack instead of a kernel stack.
* **BPF_F_FAST_STACK_CMP**
* Compare stacks by hash only.
* **BPF_F_REUSE_STACKID**
* If two different stacks hash into the same *stackid*,
* discard the old one.
*
* The stack id retrieved is a 32 bit long integer handle which
* can be further combined with other data (including other stack
* ids) and used as a key into maps. This can be useful for
* generating a variety of graphs (such as flame graphs or off-cpu
* graphs).
*
* For walking a stack, this helper is an improvement over
* **bpf_probe_read**\ (), which can be used with unrolled loops
* but is not efficient and consumes a lot of eBPF instructions.
* Instead, **bpf_get_stackid**\ () can collect up to
* **PERF_MAX_STACK_DEPTH** both kernel and user frames. Note that
* this limit can be controlled with the **sysctl** program, and
* that it should
be manually increased in order to profile long
* user stacks (such as stacks for Java programs). To do so, use:
*
* ::
*
* # sysctl kernel.perf_event_max_stack=<new value>
*
* Returns
* The positive or null stack id on success, or a negative error
* in case of failure.
*/
static long (* const bpf_get_stackid)(void *ctx, void *map, __u64 flags) = (void *) 27;

/*
* bpf_csum_diff
*
* Compute a checksum difference, from the raw buffer pointed by
* *from*, of length *from_size* (that must be a multiple of 4),
* towards the raw buffer pointed by *to*, of size *to_size*
* (same remark). An optional *seed* can be added to the value
* (this can be cascaded, the seed may come from a previous call
* to the helper).
*
* This is flexible enough to be used in several ways:
*
* * With *from_size* == 0, *to_size* > 0 and *seed* set to
* checksum, it can be used when pushing new data.
* * With *from_size* > 0, *to_size* == 0 and *seed* set to

```

```

* checksum,
it can be used when removing data from a packet.
* * With *from_size* > 0, *to_size* > 0 and *seed* set to 0, it
* can be used to compute a diff. Note that *from_size* and
* *to_size* do not need to be equal.
*
* This helper can be used in combination with
* **bpf_l3_csum_replace**\ () and **bpf_l4_csum_replace**\ (), to
* which one can feed in the difference computed with
* **bpf_csum_diff**\ ().
*
* Returns
* The checksum result, or a negative error code in case of
* failure.
*/
static __s64 (* const bpf_csum_diff)(__be32 *from, __u32 from_size, __be32 *to, __u32 to_size, __wsum seed) =
(void *) 28;

/*
* bpf_skb_get_tunnel_opt
*
* Retrieve tunnel options metadata for the packet associated to
* *skb*, and store the raw tunnel option data to the buffer *opt*
* of *size*.
*
* This helper can be used with encapsulation devices that can
* operate in "collect metadata" mode (please refer to the related
* note in the description of **bpf_skb_get_tunnel_key**\
() for
* more details). A particular example where this can be used is
* in combination with the Geneve encapsulation protocol, where it
* allows for pushing (with **bpf_skb_get_tunnel_opt**\ () helper)
* and retrieving arbitrary TLVs (Type-Length-Value headers) from
* the eBPF program. This allows for full customization of these
* headers.
*
* Returns
* The size of the option data retrieved.
*/
static long (* const bpf_skb_get_tunnel_opt)(struct __sk_buff *skb, void *opt, __u32 size) = (void *) 29;

/*
* bpf_skb_set_tunnel_opt
*
* Set tunnel options metadata for the packet associated to *skb*
* to the option data contained in the raw buffer *opt* of *size*.
*
* See also the description of the **bpf_skb_get_tunnel_opt**\ ()

```

```

* helper for additional information.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_set_tunnel_opt)(struct __sk_buff *skb, void *opt, __u32 size) = (void *) 30;

/*
*
* bpf_skb_change_proto
*
* Change the protocol of the *skb* to *proto*. Currently
* supported are transition from IPv4 to IPv6, and from IPv6 to
* IPv4. The helper takes care of the groundwork for the
* transition, including resizing the socket buffer. The eBPF
* program is expected to fill the new headers, if any, via
* **skb_store_bytes**\ () and to recompute the checksums with
* **bpf_l3_csum_replace**\ () and **bpf_l4_csum_replace**\
* (). The main case for this helper is to perform NAT64
* operations out of an eBPF program.
*
* Internally, the GSO type is marked as dodgy so that headers are
* checked and segments are recalculated by the GSO/GRO engine.
* The size for GSO target is adapted as well.
*
* All values for *flags* are reserved for future usage, and must
* be left at zero.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are
* invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_change_proto)(struct __sk_buff *skb, __be16 proto, __u64 flags) = (void *) 31;

/*
* bpf_skb_change_type
*
* Change the packet type for the packet associated to *skb*. This
* comes down to setting *skb* **->pkt_type** to *type*, except
* the eBPF program does not have a write access to *skb*\
* **->pkt_type** beside this helper. Using a helper here allows
* for graceful handling of errors.

```

```

*
* The major use case is to change incoming *skb*s to
* **PACKET_HOST** in a programmatic way instead of having to
* recirculate via **redirect**\ (... , **BPF_F_INGRESS**), for
* example.
*
* Note that *type* only allows certain values. At this time, they
* are:
*
* **PACKET_HOST**
*   Packet is for us.
* **PACKET_BROADCAST**
*   Send packet to all.
* **PACKET_MULTICAST**
*   Send packet to group.
* **PACKET_OTHERHOST**
*   Send packet to someone else.
*
* Returns
*   0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_change_type)(struct __sk_buff *skb, __u32 type) = (void *) 32;

/*
* bpf_skb_under_cgroup
*
* Check whether *skb* is a descendant of the cgroup2 held by
* *map* of type **BPF_MAP_TYPE_CGROUP_ARRAY**, at *index*.
*
* Returns
*   The return value depends on the result of the test, and can be:
*
*   * 0, if the *skb* failed the cgroup2 descendant test.
*   * 1, if the *skb* succeeded the cgroup2 descendant test.
*   * A negative error code, if an error occurred.
*/
static long (* const bpf_skb_under_cgroup)(struct __sk_buff *skb, void *map, __u32 index) = (void *) 33;

/*
* bpf_get_hash_recalc
*
* Retrieve the hash of the packet, *skb* **->hash**. If it is
* not set, in particular if the hash was cleared due to mangling,
* recompute this hash. Later accesses
* to the hash can be done
* directly with *skb* **->hash**.
*
* Calling **bpf_set_hash_invalid**\ (), changing a packet

```

```

* prototype with bpf_skb_change_proto() , or calling
* bpf_skb_store_bytes() with the
* BPF_F_INVALIDATE_HASH are actions susceptible to clear
* the hash and to trigger a new computation for the next call to
* bpf_get_hash_recalc() .
*
* Returns
* The 32-bit hash.
*/
static __u32 (* const bpf_get_hash_recalc)(struct __sk_buff *skb) = (void *) 34;

/*
* bpf_get_current_task
*
* Get the current task.
*
* Returns
* A pointer to the current task struct.
*/
static __u64 (* const bpf_get_current_task)(void) = (void *) 35;

/*
* bpf_probe_write_user
*
* Attempt in a safe way to write *len* bytes from the buffer
* *src* to *dst* in memory. It only works for threads that are in
* user context, and *dst* must be a valid user space address.
*
* This helper should not be used to implement any kind of
* security mechanism
* because of TOC-TOU attacks, but rather to
* debug, divert, and manipulate execution of semi-cooperative
* processes.
*
* Keep in mind that this feature is meant for experiments, and it
* has a risk of crashing the system and running programs.
* Therefore, when an eBPF program using this helper is attached,
* a warning including PID and process name is printed to kernel
* logs.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_probe_write_user)(void *dst, const void *src, __u32 len) = (void *) 36;

/*
* bpf_current_task_under_cgroup
*

```

```

* Check whether the probe is being run in the context of a given
* subset of the cgroup2 hierarchy. The cgroup2 to test is held by
* *map* of type **BPF_MAP_TYPE_CGROUP_ARRAY**, at *index*.
*
* Returns
* The return value depends on the result of the test, and can be:
*
* * 1, if current task belongs to the cgroup2.
* * 0, if current task does not belong to the cgroup2.
* * A negative error code, if an error occurred.
*/
static long (* const bpf_current_task_under_cgroup)(void *map, __u32 index) = (void *) 37;

/*
* bpf_skb_change_tail
*
* Resize (trim or grow) the packet associated to *skb* to the
* new *len*. The *flags* are reserved for future usage, and must
* be left at zero.
*
* The basic idea is that the helper performs the needed work to
* change the size of the packet, then the eBPF program rewrites
* the rest via helpers like **bpf_skb_store_bytes**(),
* **bpf_l3_csum_replace**(), **bpf_l3_csum_replace**()
* and others. This helper is a slow path utility intended for
* replies with control messages. And because it is targeted for
* slow path, the helper itself can afford to be slow: it
* implicitly linearizes, unclones and drops offloads from the
* *skb*.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done
by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_change_tail)(struct __sk_buff *skb, __u32 len, __u64 flags) = (void *) 38;

/*
* bpf_skb_pull_data
*
* Pull in non-linear data in case the *skb* is non-linear and not
* all of *len* are part of the linear section. Make *len* bytes
* from *skb* readable and writable. If a zero value is passed for

```

```

* *len*, then all bytes in the linear part of *skb* will be made
* readable and writable.
*
* This helper is only needed for reading and writing with direct
* packet access.
*
* For direct packet access, testing that offsets to access
* are within packet boundaries (test on *skb* \ **->data_end**) is
* susceptible to fail if offsets are invalid, or if the requested
* data is in non-linear parts of the *skb*. On failure the
* program
can just bail out, or in the case of a non-linear
* buffer, use a helper to make the data available. The
* **bpf_skb_load_bytes**\ () helper is a first solution to access
* the data. Another one consists in using **bpf_skb_pull_data**
* to pull in once the non-linear parts, then retesting and
* eventually access the data.
*
* At the same time, this also makes sure the *skb* is uncloned,
* which is a necessary condition for direct write. As this needs
* to be an invariant for the write part only, the verifier
* detects writes and adds a prologue that is calling
* **bpf_skb_pull_data**\ () to effectively unclone the *skb* from
* the very beginning in case it is indeed cloned.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
*
Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_pull_data)(struct __sk_buff *skb, __u32 len) = (void *) 39;

/*
* bpf_csum_update
*
* Add the checksum *csum* into *skb* \ **->csum** in case the
* driver has supplied a checksum for the entire packet into that
* field. Return an error otherwise. This helper is intended to be
* used in combination with **bpf_csum_diff**\ (), in particular
* when the checksum needs to be updated after data has been
* written into the packet through direct packet access.
*
* Returns

```



```

* The checksum on success, or a negative error code in case of
* failure.
*/
static __s64 (* const bpf_csum_update)(struct __sk_buff *skb, __wsum csum) = (void *) 40;

/*
* bpf_set_hash_invalid
*
* Invalidate the current *skb*'s hash. It can be used after
* mangling on headers through direct packet access, in order to
* indicate that the hash is outdated and to trigger a
* recalculation the next
time the kernel tries to access this
* hash or when the bpf_get_hash_recalc() helper is called.
*
* Returns
* void.
*/
static void (* const bpf_set_hash_invalid)(struct __sk_buff *skb) = (void *) 41;

/*
* bpf_get_numa_node_id
*
* Return the id of the current NUMA node. The primary use case
* for this helper is the selection of sockets for the local NUMA
* node, when the program is attached to sockets using the
* SO_ATTACH_REUSEPORT_EBPF option (see also socket(7)),
* but the helper is also available to other eBPF program types,
* similarly to bpf_get_smp_processor_id().
*
* Returns
* The id of current NUMA node.
*/
static long (* const bpf_get_numa_node_id)(void) = (void *) 42;

/*
* bpf_skb_change_head
*
* Grows headroom of packet associated to *skb* and adjusts the
* offset of the MAC header accordingly, adding *len* bytes of
* space. It automatically extends and reallocates memory as
* required.
*
* This helper can be used
on a layer 3 *skb* to push a MAC header
* for redirection into a layer 2 device.
*
* All values for *flags* are reserved for future usage, and must

```

```

* be left at zero.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_change_head)(struct __sk_buff *skb, __u32 len, __u64 flags) = (void *) 43;

/*
* bpf_xdp_adjust_head
*
* Adjust (move) *xdp_md* **->data** by *delta* bytes. Note that
* it is possible to use a negative value for *delta*. This helper
* can be used to prepare the packet for pushing or popping
* headers.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all
checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_xdp_adjust_head)(struct xdp_md *xdp_md, int delta) = (void *) 44;

/*
* bpf_probe_read_str
*
* Copy a NUL terminated string from an unsafe kernel address
* *unsafe_ptr* to *dst*. See **bpf_probe_read_kernel_str**\ () for
* more details.
*
* Generally, use **bpf_probe_read_user_str**\ () or
* **bpf_probe_read_kernel_str**\ () instead.
*
* Returns
* On success, the strictly positive length of the string,
* including the trailing NUL character. On error, a negative
* value.
*/

```

```
static long (* const bpf_probe_read_str)(void *dst, __u32 size, const void *unsafe_ptr) = (void *) 45;
```

```
/*
```

```
* bpf_get_socket_cookie
```

```
*
```

```
* If the **struct sk_buff** pointed by *skb* has a known socket,
```

```
* retrieve the cookie
```

```
(generated by the kernel) of this socket.
```

```
* If no cookie has been set yet, generate a new cookie. Once
```

```
* generated, the socket cookie remains stable for the life of the
```

```
* socket. This helper can be useful for monitoring per socket
```

```
* networking traffic statistics as it provides a global socket
```

```
* identifier that can be assumed unique.
```

```
*
```

```
* Returns
```

```
* A 8-byte long unique number on success, or 0 if the socket
```

```
* field is missing inside *skb*.
```

```
*/
```

```
static __u64 (* const bpf_get_socket_cookie)(void *ctx) = (void *) 46;
```

```
/*
```

```
* bpf_get_socket_uid
```

```
*
```

```
* Get the owner UID of the socket associated to *skb*.
```

```
*
```

```
* Returns
```

```
* The owner UID of the socket associated to *skb*. If the socket
```

```
* is **NULL**, or if it is not a full socket (i.e. if it is a
```

```
* time-wait or a request socket instead), **overflowuid** value
```

```
* is returned (note that **overflowuid** might also be the actual
```

```
* UID value for the socket).
```

```
*/
```

```
static __u32 (* const bpf_get_socket_uid)(struct __sk_buff *skb) =  
(void *) 47;
```

```
/*
```

```
* bpf_set_hash
```

```
*
```

```
* Set the full hash for *skb* (set the field *skb*->hash**)
```

```
* to value *hash*.
```

```
*
```

```
* Returns
```

```
* 0
```

```
*/
```

```
static long (* const bpf_set_hash)(struct __sk_buff *skb, __u32 hash) = (void *) 48;
```

```
/*
```

```
* bpf_setsockopt
```

```

*
* Emulate a call to setsockopt() on the socket associated to
* bpf_socket, which must be a full socket. The level at
* which the option resides and the name optname of the option
* must be specified, see setsockopt(2) for more information.
* The option value of length optlen is pointed by optval.
*
* bpf_socket should be one of the following:
*
* struct bpf_sock_ops for BPF_PROG_TYPE_SOCKET_OPS.
* struct bpf_sock_addr for BPF_CGROUP_INET4_CONNECT,
* BPF_CGROUP_INET6_CONNECT and BPF_CGROUP_UNIX_CONNECT.
*
* This helper actually implements a subset of setsockopt().
* It supports the following levels:
*
* SOL_SOCKET, which supports the following optnames:
*
* SO_RCVBUF, SO_SNDBUF, SO_MAX_PACING_RATE,
* SO_PRIORITY, SO_RCVLOWAT, SO_MARK,
* SO_BINDTODEVICE, SO_KEEPAIVE, SO_REUSEADDR,
* SO_REUSEPORT, SO_BINDTOIFINDEX, SO_TXREHASH.
* IPPROTO_TCP, which supports the following optnames:
* TCP_CONGESTION, TCP_BPF_IW,
* TCP_BPF_SNDCWND_CLAMP, TCP_SAVE_SYN,
* TCP_KEEPIPLE, TCP_KEEPIPLE, TCP_KEEPCNT,
* TCP_SYNCNT, TCP_USER_TIMEOUT, TCP_NOTSENT_LOWAT,
* TCP_NODELAY, TCP_MAXSEG, TCP_WINDOW_CLAMP,
* TCP_THIN_LINEAR_TIMEOUTS, TCP_BPF_DELACK_MAX,
* TCP_BPF_RTO_MIN.
* IPPROTO_IP, which supports optname IP_TOS.
* IPPROTO_IPV6, which supports the following optnames:
* IPV6_TCLASS, IPV6_AUTOFLOWLABEL.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_setsockopt)(void *bpf_socket, int level,
int optname, void *optval, int optlen) = (void *) 49;

/*
* bpf_skb_adjust_room
*
* Grow or shrink the room for data in the packet associated to
* skb by len_diff, and according to the selected mode.
*
* By default, the helper will reset any offloaded checksum
* indicator of the skb to CHECKSUM_NONE. This can be avoided

```

- * by the following flag:
- *
- * ****BPF_F_ADJ_ROOM_NO_CSUM_RESET****: Do not reset offloaded
- * checksum data of the skb to CHECKSUM_NONE.
- *
- * There are two supported modes at this time:
- *
- * ****BPF_ADJ_ROOM_MAC****: Adjust room at the mac layer
- * (room space is added or removed between the layer 2 and
- * layer 3 headers).
- *
- * ****BPF_ADJ_ROOM_NET****: Adjust room at the network layer
- * (room space is added or removed between the layer 3 and
- * layer 4 headers).
- *
- * The following flags are supported at this time:
- *
- * ****BPF_F_ADJ_ROOM_FIXED_GSO****: Do not adjust gso_size.
- * Adjusting mss in this way is not allowed for datagrams.
- *
- * ****BPF_F_ADJ_ROOM_ENCAP_L3_IPV4****,
- * ****BPF_F_ADJ_ROOM_ENCAP_L3_IPV6****:
- * Any new space is reserved to hold a tunnel header.
- * Configure skb offsets and other fields accordingly.
- *
- * ****BPF_F_ADJ_ROOM_ENCAP_L4_GRE****,
- * ****BPF_F_ADJ_ROOM_ENCAP_L4_UDP****:
- * Use with ENCAP_L3 flags to further specify the tunnel type.
- *
- * ****BPF_F_ADJ_ROOM_ENCAP_L2**\ (*len*)**:
- * Use with ENCAP_L3/L4 flags to further specify the tunnel
- * type; *len* is the length of the inner MAC header.
- *
- * ****BPF_F_ADJ_ROOM_ENCAP_L2_ETH****:
- * Use with BPF_F_ADJ_ROOM_ENCAP_L2 flag to further specify the
- * L2 type as Ethernet.
- *
- * ****BPF_F_ADJ_ROOM_DECAP_L3_IPV4****,
- * ****BPF_F_ADJ_ROOM_DECAP_L3_IPV6****:
- * Indicate the new IP header version after decapsulating the outer
- * IP header. Used when the inner and outer IP versions are different.
- *
- * A call to this helper is susceptible to change the underlying
- * packet buffer. Therefore, at load time, all
- checks on pointers
- * previously done by the verifier are invalidated and must be
- * performed again, if the helper is used in combination with
- * direct packet access.

```

*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_adjust_room)(struct __sk_buff *skb, __s32 len_diff, __u32 mode, __u64 flags) = (void *) 50;

/*
* bpf_redirect_map
*
* Redirect the packet to the endpoint referenced by *map* at
* index *key*. Depending on its type, this *map* can contain
* references to net devices (for forwarding packets through other
* ports), or to CPUs (for redirecting XDP frames to another CPU;
* but this is only implemented for native XDP (with driver
* support) as of this writing).
*
* The lower two bits of *flags* are used as the return code if
* the map lookup fails. This is so that the return value can be
* one of the XDP program return codes up to XDP_TX, as chosen
* by the caller. The higher bits of *flags*
* can be set to
* BPF_F_BROADCAST or BPF_F_EXCLUDE_INGRESS as defined below.
*
* With BPF_F_BROADCAST the packet will be broadcasted to all the
* interfaces in the map, with BPF_F_EXCLUDE_INGRESS the ingress
* interface will be excluded when do broadcasting.
*
* See also bpf_redirect(), which only supports redirecting
* to an ifindex, but doesn't require a map to do so.
*
* Returns
* XDP_REDIRECT on success, or the value of the two lower bits
* of the *flags* argument on error.
*/
static long (* const bpf_redirect_map)(void *map, __u64 key, __u64 flags) = (void *) 51;

/*
* bpf_sk_redirect_map
*
* Redirect the packet to the socket referenced by *map* (of type
* BPF_MAP_TYPE_SOCKMAP) at index *key*. Both ingress and
* egress interfaces can be used for redirection. The
* BPF_F_INGRESS value in *flags* is used to make the
* distinction (ingress path is selected if the flag is present,
* egress path otherwise). This is the only flag supported
* for now.
*

```

```

* Returns
* **SK_PASS** on success, or **SK_DROP** on error.
*/
static long (* const bpf_sk_redirect_map)(struct __sk_buff *skb, void *map, __u32 key, __u64 flags) = (void *) 52;

/*
* bpf_sock_map_update
*
* Add an entry to, or update a *map* referencing sockets. The
* *skops* is used as a new value for the entry associated to
* *key*. *flags* is one of:
*
* **BPF_NOEXIST**
* The entry for *key* must not exist in the map.
* **BPF_EXIST**
* The entry for *key* must already exist in the map.
* **BPF_ANY**
* No condition on the existence of the entry for *key*.
*
* If the *map* has eBPF programs (parser and verdict), those will
* be inherited by the socket being added. If the socket is
* already attached to eBPF programs, this results in an error.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_sock_map_update)(struct bpf_sock_ops *skops, void *map, void *key, __u64 flags) = (void *)
53;

/*
* bpf_xdp_adjust_meta
*
* Adjust the address pointed by *xdp_md* **->data_meta** by
* *delta* (which can be positive or negative). Note that this
* operation modifies the address stored in *xdp_md* **->data**,
* so the latter must be loaded only after the helper has been
* called.
*
* The use of *xdp_md* **->data_meta** is optional and programs
* are not required to use it. The rationale is that when the
* packet is processed with XDP (e.g. as DoS filter), it is
* possible to push further meta data along with it before passing
* to the stack, and to give the guarantee that an ingress eBPF
* program attached as a TC classifier on the same device can pick
* this up for further post-processing. Since TC works with socket
* buffers, it remains possible to set from XDP the **mark** or
* **priority** pointers, or other pointers for the socket buffer.

```

- * Having this scratch space generic and programmable allows for
- * more flexibility as the user is
- free to store whatever meta
- * data they need.
- *
- * A call to this helper is susceptible to change the underlying
- * packet buffer. Therefore, at load time, all checks on pointers
- * previously done by the verifier are invalidated and must be
- * performed again, if the helper is used in combination with
- * direct packet access.
- *
- * Returns
- * 0 on success, or a negative error in case of failure.
- */

```
static long (* const bpf_xdp_adjust_meta)(struct xdp_md *xdp_md, int delta) = (void *) 54;
```



```
/*
 * bpf_perf_event_read_value
 *
 * Read the value of a perf event counter, and store it into *buf*
 * of size *buf_size*. This helper relies on a *map* of type
 * **BPF_MAP_TYPE_PERF_EVENT_ARRAY**. The nature of the perf event
 * counter is selected when *map* is updated with perf event file
 * descriptors. The *map* is an array whose size is the number of
 * available CPUs, and each cell contains a value relative to one
 * CPU. The value to retrieve is indicated by *flags*, that
 * contains the index of the CPU to look up, masked with
 * **BPF_F_INDEX_MASK**. Alternatively, *flags* can be set to
 * **BPF_F_CURRENT_CPU** to indicate that the value for the
 * current CPU should be retrieved.
 *
 * This helper behaves in a way close to
 * **bpf_perf_event_read**() helper, save that instead of
 * just returning the value observed, it fills the *buf*
 * structure. This allows for additional data to be retrieved: in
 * particular, the enabled and running times (in *buf* \
 * **->enabled** and *buf* \ **->running**, respectively) are
 * copied. In general, **bpf_perf_event_read_value**() is
 * recommended over **bpf_perf_event_read**(), which has some
 * ABI issues and provides fewer functionalities.
 *
 * These values are interesting, because hardware PMU (Performance
 * Monitoring Unit) counters are limited resources. When there are
 * more PMU based perf events opened than available counters,
 * kernel will multiplex these events so each event
 * gets certain
 * percentage (but not all) of the PMU time. In case that
 * multiplexing happens, the number of samples or counter value
```


- * will not reflect the case compared to when no multiplexing
- * occurs. This makes comparison between different runs difficult.
- * Typically, the counter value should be normalized before
- * comparing to other experiments. The usual normalization is done
- * as follows.
- *
- * ::
- *
- * $\text{normalized\_counter} = \text{counter} * \text{t\_enabled} / \text{t\_running}$
- *
- * Where `t_enabled` is the time enabled for event and `t_running` is
- * the time running for event since last normalization. The
- * enabled and running times are accumulated since the perf event
- * open. To achieve scaling factor between two invocations of an
- * eBPF program, users can use CPU id as the key (which is
- * typical for perf array usage model) to remember the previous
- * value and do the calculation inside the eBPF program.
- *
- * Returns
- * 0 on success, or a negative error in case of failure.
- */

```
static long (* const bpf_perf_event_read_value)(void *map, __u64 flags, struct bpf_perf_event_value *buf, __u32
buf_size) = (void *) 55;
```

/*

```
* bpf_perf_prog_read_value
```

/*

- * For an eBPF program attached to a perf event, retrieve the
- * value of the event counter associated to `*ctx*` and store it in
- * the structure pointed by `*buf*` and of size `*buf_size*`. Enabled
- * and running times are also stored in the structure (see
- * description of helper `**bpf_perf_event_read_value**\()` for
- * more details).
- *
- * Returns
- * 0 on success, or a negative error in case of failure.
- */

```
static long (* const bpf_perf_prog_read_value)(struct bpf_perf_event_data *ctx, struct bpf_perf_event_value *buf,
__u32 buf_size) = (void *) 56;
```

/*

```
* bpf_getsockopt
```

/*

- * Emulate a call to `**getsockopt()` on the socket associated to
- * `*bpf_socket*`, which must be a full socket. The `*level*` at
- * which the option resides and the name `*optname*` of the option
- * must be specified, see `**getsockopt(2)**`

for more information.

- * The retrieved value is stored in the structure pointed by

- * `*optval*` and of length `*optlen*`.

- *

- * `*bpf_socket*` should be one of the following:

- *

- * `**struct bpf_sock_ops**` for `**BPF_PROG_TYPE_SOCK_OPS**`.

- * `**struct bpf_sock_addr**` for `**BPF_CGROUP_INET4_CONNECT**`,

- * `**BPF_CGROUP_INET6_CONNECT**` and `**BPF_CGROUP_UNIX_CONNECT**`.

- *

- * This helper actually implements a subset of `**getsockopt**`.

- * It supports the same set of `*optname*`s that is supported by

- * the `**bpf_setsockopt**` () helper. The exceptions are

- * `**TCP_BPF**` is `**bpf_setsockopt**` () only and

- * `**TCP_SAVED_SYN**` is `**bpf_getsockopt**` () only.

- *

- * Returns

- * 0 on success, or a negative error in case of failure.

- */

```
static long (* const bpf_getsockopt)(void *bpf_socket, int level, int optname, void *optval, int optlen) = (void *) 57;
```

```
/*
```

```
* bpf_override_return
```

```
*
```

- * Used for error injection, this helper uses kprobes to override

- * the return value of the probed

- function, and to set it to `*rc*`.

- * The first argument is the context `*regs*` on which the kprobe

- * works.

- *

- * This helper works by setting the PC (program counter)

- * to an override function which is run in place of the original

- * probed function. This means the probed function is not run at

- * all. The replacement function just returns with the required

- * value.

- *

- * This helper has security implications, and thus is subject to

- * restrictions. It is only available if the kernel was compiled

- * with the `**CONFIG_BPF_KPROBE_OVERRIDE**` configuration

- * option, and in this case it only works on functions tagged with

- * `**ALLOW_ERROR_INJECTION**` in the kernel code.

- *

- * Also, the helper is only available for the architectures having

- * the `CONFIG_FUNCTION_ERROR_INJECTION` option. As of this writing,

- * x86 architecture is the only one to support this feature.

- *

- * Returns

- * 0

```

*/
static long (* const bpf_override_return)(struct pt_regs *regs, __u64 rc) = (void
*) 58;

/*
 * bpf_sock_ops_cb_flags_set
 *
 * Attempt to set the value of the **bpf_sock_ops_cb_flags** field
 * for the full TCP socket associated to *bpf_sock_ops* to
 * *argval*.
 *
 * The primary use of this field is to determine if there should
 * be calls to eBPF programs of type
 * **BPF_PROG_TYPE_SOCKET_OPS** at various points in the TCP
 * code. A program of the same type can change its value, per
 * connection and as necessary, when the connection is
 * established. This field is directly accessible for reading, but
 * this helper must be used for updates in order to return an
 * error if an eBPF program tries to set a callback that is not
 * supported in the current kernel.
 *
 * *argval* is a flag array which can combine these flags:
 *
 * ***BPF_SOCKET_OPS_RTO_CB_FLAG** (retransmission time out)
 * ***BPF_SOCKET_OPS_RETRANS_CB_FLAG** (retransmission)
 * ***BPF_SOCKET_OPS_STATE_CB_FLAG** (TCP state change)
 * ***BPF_SOCKET_OPS_RTT_CB_FLAG** (every RTT)
 *
 * Therefore,
 * this function can be used to clear a callback flag by
 * setting the appropriate bit to zero. e.g. to disable the RTO
 * callback:
 *
 * **bpf_sock_ops_cb_flags_set(bpf_sock,**
 * **bpf_sock->bpf_sock_ops_cb_flags & ~BPF_SOCKET_OPS_RTO_CB_FLAG)**
 *
 * Here are some examples of where one could call such eBPF
 * program:
 *
 * * When RTO fires.
 * * When a packet is retransmitted.
 * * When the connection terminates.
 * * When a packet is sent.
 * * When a packet is received.
 *
 * Returns
 * Code **-EINVAL** if the socket is not a full TCP socket;
 * otherwise, a positive number containing the bits that could not

```

```

* be set is returned (which comes down to 0 if all bits were set
* as required).
*/
static long (* const bpf_sock_ops_cb_flags_set)(struct bpf_sock_ops *bpf_sock, int argval) = (void *) 59;

/*
* bpf_msg_redirect_map
*
* This helper is used in programs implementing policies at the
* socket level. If the message *msg* is allowed to pass (i.e. if
* the verdict eBPF program returns **SK_PASS**), redirect it to
* the socket referenced by *map* (of type
* **BPF_MAP_TYPE_SOCKMAP**) at index *key*. Both ingress and
* egress interfaces can be used for redirection. The
* **BPF_F_INGRESS** value in *flags* is used to make the
* distinction (ingress path is selected if the flag is present,
* egress path otherwise). This is the only flag supported for now.
*
* Returns
* **SK_PASS** on success, or **SK_DROP** on error.
*/
static long (* const bpf_msg_redirect_map)(struct sk_msg_md *msg, void *map, __u32 key, __u64 flags) = (void *)
60;

/*
* bpf_msg_apply_bytes
*
* For socket policies, apply the verdict of the eBPF program to
* the next *bytes* (number of bytes) of message *msg*.
*
* For example, this helper can be used in the following cases:
*
* * A single **sendmsg**() or **sendfile**() system call
* contains multiple logical messages that the eBPF program is
* supposed to read and for which
it should apply a verdict.
* * An eBPF program only cares to read the first *bytes* of a
* *msg*. If the message has a large payload, then setting up
* and calling the eBPF program repeatedly for all bytes, even
* though the verdict is already known, would create unnecessary
* overhead.
*
* When called from within an eBPF program, the helper sets a
* counter internal to the BPF infrastructure, that is used to
* apply the last verdict to the next *bytes*. If *bytes* is
* smaller than the current data being processed from a
* **sendmsg**() or **sendfile**() system call, the first
* *bytes* will be sent and the eBPF program will be re-run with

```

```

* the pointer for start of data pointing to byte number *bytes*
* **+ 1**. If *bytes* is larger than the current data being
* processed, then the eBPF verdict will be applied to multiple
* **sendmsg**\ () or **sendfile**\ () calls until *bytes* are
* consumed.
*
* Note that if a socket closes with the
internal counter holding
* a non-zero value, this is not a problem because data is not
* being buffered for *bytes* and is sent as it is received.
*
* Returns
* 0
*/
static long (* const bpf_msg_apply_bytes)(struct sk_msg_md *msg, __u32 bytes) = (void *) 61;

/*
* bpf_msg_cork_bytes
*
* For socket policies, prevent the execution of the verdict eBPF
* program for message *msg* until *bytes* (byte number) have been
* accumulated.
*
* This can be used when one needs a specific number of bytes
* before a verdict can be assigned, even if the data spans
* multiple **sendmsg**\ () or **sendfile**\ () calls. The extreme
* case would be a user calling **sendmsg**\ () repeatedly with
* 1-byte long message segments. Obviously, this is bad for
* performance, but it is still valid. If the eBPF program needs
* *bytes* bytes to validate a header, this helper can be used to
* prevent the eBPF program to be called again until *bytes* have
* been accumulated.
*
* Returns
* 0
*/
static long (* const bpf_msg_cork_bytes)(struct sk_msg_md *msg, __u32 bytes) = (void *) 62;

/*
* bpf_msg_pull_data
*
* For socket policies, pull in non-linear data from user space
* for *msg* and set pointers *msg* **->data** and *msg*\
* **->data_end** to *start* and *end* bytes offsets into *msg*,
* respectively.
*
* If a program of type **BPF_PROG_TYPE_SK_MSG** is run on a
* *msg* it can only parse data that the (**data**, **data_end**)

```

```

* pointers have already consumed. For **sendmsg**() hooks this
* is likely the first scatterlist element. But for calls relying
* on the **sendpage** handler (e.g. **sendfile**() this will
* be the range (**0**, **0**) because the data is shared with
* user space and by default the objective is to avoid allowing
* user space to modify data while (or after) eBPF verdict is
* being decided. This helper can be used to pull in data and to
* set the start and end pointer to given values. Data will be
* copied if necessary (i.e. if data was not linear and if start
* and end pointers do not point to the same chunk).
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* All values for *flags* are reserved for future usage, and must
* be left at zero.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_msg_pull_data)(struct sk_msg_md *msg, __u32 start, __u32 end, __u64 flags) = (void *)
63;

/*
* bpf_bind
*
* Bind the socket associated to *ctx* to the address pointed by
* *addr*, of length *addr_len*. This allows for making outgoing
* connection from the desired IP address, which can be useful for
* example when all processes inside a cgroup should use one
* single IP address on a host
* that has multiple IP configured.
*
* This helper works for IPv4 and IPv6, TCP and UDP sockets. The
* domain (*addr* **->sa_family**) must be **AF_INET** (or
* **AF_INET6**). It's advised to pass zero port (**sin_port**
* or **sin6_port**) which triggers IP_BIND_ADDRESS_NO_PORT-like
* behavior and lets the kernel efficiently pick up an unused
* port as long as 4-tuple is unique. Passing non-zero port might
* lead to degraded performance.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_bind)(struct bpf_sock_addr *ctx, struct sockaddr *addr, int addr_len) = (void *) 64;

```

```

/*
 * bpf_xdp_adjust_tail
 *
 * Adjust (move) *xdp_md* **->data_end** by *delta* bytes. It is
 * possible to both shrink and grow the packet tail.
 * Shrink done via *delta* being a negative integer.
 *
 * A call to this helper is susceptible to change the underlying
 * packet buffer. Therefore, at load time, all checks on pointers
 * previously
 * done by the verifier are invalidated and must be
 * performed again, if the helper is used in combination with
 * direct packet access.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_xdp_adjust_tail)(struct xdp_md *xdp_md, int delta) = (void *) 65;

/*
 * bpf_skb_get_xfrm_state
 *
 * Retrieve the XFRM state (IP transform framework, see also
 * **ip-xfrm(8)**) at *index* in XFRM "security path" for *skb*.
 *
 * The retrieved value is stored in the **struct bpf_xfrm_state**
 * pointed by *xfrm_state* and of length *size*.
 *
 * All values for *flags* are reserved for future usage, and must
 * be left at zero.
 *
 * This helper is available only if the kernel was compiled with
 * **CONFIG_XFRM** configuration option.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_skb_get_xfrm_state)(struct __sk_buff *skb, __u32 index, struct bpf_xfrm_state *xfrm_state,
__u32 size, __u64
flags) = (void *) 66;

/*
 * bpf_get_stack
 *
 * Return a user or a kernel stack in bpf program provided buffer.
 * To achieve this, the helper needs *ctx*, which is a pointer
 * to the context on which the tracing program is executed.

```

```

* To store the stacktrace, the bpf program provides *buf* with
* a nonnegative *size*.
*
* The last argument, *flags*, holds the number of stack frames to
* skip (from 0 to 255), masked with
* **BPF_F_SKIP_FIELD_MASK**. The next bits can be used to set
* the following flags:
*
* **BPF_F_USER_STACK**
* Collect a user space stack instead of a kernel stack.
* **BPF_F_USER_BUILD_ID**
* Collect (build_id, file_offset) instead of ips for user
* stack, only valid if **BPF_F_USER_STACK** is also
* specified.
*
* *file_offset* is an offset relative to the beginning
* of the executable or shared object file backing the vma
* which the *ip* falls in. It is *not* an offset relative
* to that object's base address. Accordingly,
it must be
* adjusted by adding (sh_addr - sh_offset), where
* sh_{addr,offset} correspond to the executable section
* containing *file_offset* in the object, for comparisons
* to symbols' st_value to be valid.
*
* **bpf_get_stack**\ () can collect up to
* **PERF_MAX_STACK_DEPTH** both kernel and user frames, subject
* to sufficient large buffer size. Note that
* this limit can be controlled with the **sysctl** program, and
* that it should be manually increased in order to profile long
* user stacks (such as stacks for Java programs). To do so, use:
*
* ::
*
* # sysctl kernel.perf_event_max_stack=<new value>
*
* Returns
* The non-negative copied *buf* length equal to or less than
* *size* on success, or a negative error in case of failure.
*/
static long (* const bpf_get_stack)(void *ctx, void *buf, __u32 size, __u64 flags) = (void *) 67;

/*
* bpf_skb_load_bytes_relative
*
* This helper is similar to **bpf_skb_load_bytes**\ () in that
* it provides an easy way to load *len* bytes from *offset*
* from the packet associated to *skb*, into the buffer pointed

```



```

* by *to*. The difference to bpf_skb_load_bytes() is that
* a fifth argument start_header exists in order to select a
* base offset to start from. start_header can be one of:
*
* BPF_HDR_START_MAC
* Base offset to load data from is skb's mac header.
* BPF_HDR_START_NET
* Base offset to load data from is skb's network header.
*
* In general, "direct packet access" is the preferred method to
* access packet data, however, this helper is in particular useful
* in socket filters where skb->data does not always point
* to the start of the mac header and where "direct packet access"
* is not available.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_load_bytes_relative)(const void *skb, __u32 offset, void *to, __u32 len, __u32
start_header) = (void *) 68;

/*
* bpf_fib_lookup
*
* Do FIB lookup in kernel tables using parameters in params.
* If lookup is successful and result shows packet is to be
* forwarded, the neighbor tables are searched for the nexthop.
* If successful (ie., FIB lookup shows forwarding and nexthop
* is resolved), the nexthop address is returned in ipv4_dst
* or ipv6_dst based on family, smac is set to mac address of
* egress device, dmac is set to nexthop mac address, rt_metric
* is set to metric from route (IPv4/IPv6 only), and ifindex
* is set to the device index of the nexthop from the FIB lookup.
*
* plen argument is the size of the passed in struct.
* flags argument can be a combination of one or more of the
* following values:
*
* BPF_FIB_LOOKUP_DIRECT
* Do a direct table lookup vs full lookup using FIB
* rules.
* BPF_FIB_LOOKUP_TBID
* Used with BPF_FIB_LOOKUP_DIRECT.
* Use the routing table ID present in params->tbid
* for the fib lookup.
* BPF_FIB_LOOKUP_OUTPUT
* Perform lookup from an egress perspective (default is
* ingress).

```

```

* BPF_FIB_LOOKUP_SKIP_NEIGH
* Skip the neighbour table lookup. *params*->dmac
* and *params*->smac will not be set as output. A common
* use case is to call bpf_redirect_neigh() after
* doing bpf_fib_lookup().
* BPF_FIB_LOOKUP_SRC
* Derive and set source IP addr in *params*->ipv{4,6}_src
* for the nexthop. If the src addr cannot be derived,
* BPF_FIB_LKUP_RET_NO_SRC_ADDR is returned. In this
* case, *params*->dmac and *params*->smac are not set either.
*
* *ctx* is either struct xdp_md for XDP programs or
* struct sk_buff for tc cls_act programs.
*
* Returns
* * < 0 if any input argument is invalid
* * 0 on success (packet is forwarded, nexthop neighbor exists)
* * > 0 one of BPF_FIB_LKUP_RET_* codes explaining why the
* packet is not forwarded or needs assist from full stack
*
* If lookup fails with BPF_FIB_LKUP_RET_FRAG_NEEDED,
* then the MTU
* was exceeded and output params->mtu_result contains the MTU.
*/
static long (* const bpf_fib_lookup)(void *ctx, struct bpf_fib_lookup *params, int plen, __u32 flags) = (void *) 69;

/*
* bpf_sock_hash_update
*
* Add an entry to, or update a sockhash *map* referencing sockets.
* The *skops* is used as a new value for the entry associated to
* *key*. *flags* is one of:
*
* BPF_NOEXIST
* The entry for *key* must not exist in the map.
* BPF_EXIST
* The entry for *key* must already exist in the map.
* BPF_ANY
* No condition on the existence of the entry for *key*.
*
* If the *map* has eBPF programs (parser and verdict), those will
* be inherited by the socket being added. If the socket is
* already attached to eBPF programs, this results in an error.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_sock_hash_update)(struct bpf_sock_ops *skops, void *map, void

```

```

*key, __u64 flags) = (void *) 70;

/*
 * bpf_msg_redirect_hash
 *
 * This helper is used in programs implementing policies at the
 * socket level. If the message *msg* is allowed to pass (i.e. if
 * the verdict eBPF program returns **SK_PASS**), redirect it to
 * the socket referenced by *map* (of type
 * **BPF_MAP_TYPE_SOCKHASH**) using hash *key*. Both ingress and
 * egress interfaces can be used for redirection. The
 * **BPF_F_INGRESS** value in *flags* is used to make the
 * distinction (ingress path is selected if the flag is present,
 * egress path otherwise). This is the only flag supported for now.
 *
 * Returns
 * **SK_PASS** on success, or **SK_DROP** on error.
 */
static long (* const bpf_msg_redirect_hash)(struct sk_msg_md *msg, void *map, void *key, __u64 flags) = (void *)
71;

/*
 * bpf_sk_redirect_hash
 *
 * This helper is used in programs implementing policies at the
 * skb socket level. If the sk_buff *skb* is allowed to pass (i.e.
 * if the verdict eBPF
 * program returns **SK_PASS**), redirect it
 * to the socket referenced by *map* (of type
 * **BPF_MAP_TYPE_SOCKHASH**) using hash *key*. Both ingress and
 * egress interfaces can be used for redirection. The
 * **BPF_F_INGRESS** value in *flags* is used to make the
 * distinction (ingress path is selected if the flag is present,
 * egress otherwise). This is the only flag supported for now.
 *
 * Returns
 * **SK_PASS** on success, or **SK_DROP** on error.
 */
static long (* const bpf_sk_redirect_hash)(struct __sk_buff *skb, void *map, void *key, __u64 flags) = (void *) 72;

/*
 * bpf_lwt_push_encap
 *
 * Encapsulate the packet associated to *skb* within a Layer 3
 * protocol header. This header is provided in the buffer at
 * address *hdr*, with *len* its size in bytes. *type* indicates
 * the protocol of the header and can be one of:
 *

```

```

* **BPF_LWT_ENCAP_SEG6**
* IPv6 encapsulation with Segment Routing Header
* (**struct ipv6_sr_hdr**). *hdr* only contains the SRH,
* the IPv6 header is computed by the kernel.
* **BPF_LWT_ENCAP_SEG6_INLINE**
* Only works if *skb* contains an IPv6 packet. Insert a
* Segment Routing Header (**struct ipv6_sr_hdr**) inside
* the IPv6 header.
* **BPF_LWT_ENCAP_IP**
* IP encapsulation (GRE/GUE/IPIP/etc). The outer header
* must be IPv4 or IPv6, followed by zero or more
* additional headers, up to **LWT_BPF_MAX_HEADROOM**
* total bytes in all prepended headers. Please note that
* if **skb_is_gso** (*skb*) is true, no more than two
* headers can be prepended, and the inner header, if
* present, should be either GRE or UDP/GUE.
*
* **BPF_LWT_ENCAP_SEG6**\** types can be called by BPF programs
* of type **BPF_PROG_TYPE_LWT_IN**\*; **BPF_LWT_ENCAP_IP** type can
* be called by bpf programs of types **BPF_PROG_TYPE_LWT_IN** and
* **BPF_PROG_TYPE_LWT_XMIT**\*.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on
pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_lwt_push_encap)(struct __sk_buff *skb, __u32 type, void *hdr, __u32 len) = (void *) 73;

/*
* bpf_lwt_seg6_store_bytes
*
* Store *len* bytes from address *from* into the packet
* associated to *skb*, at *offset*. Only the flags, tag and TLVs
* inside the outermost IPv6 Segment Routing Header can be
* modified through this helper.
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*

```

```

* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_lwt_seg6_store_bytes)(struct
__sk_buff *skb, __u32 offset, const void *from, __u32 len) = (void *) 74;

/*
* bpf_lwt_seg6_adjust_srh
*
* Adjust the size allocated to TLVs in the outermost IPv6
* Segment Routing Header contained in the packet associated to
* *skb*, at position *offset* by *delta* bytes. Only offsets
* after the segments are accepted. *delta* can be as well
* positive (growing) as negative (shrinking).
*
* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_lwt_seg6_adjust_srh)(struct __sk_buff *skb, __u32 offset, __s32 delta) = (void *) 75;

/*
* bpf_lwt_seg6_action
*
* Apply an IPv6 Segment Routing action of type *action* to the
* packet associated to *skb*. Each action takes a parameter
* contained at address *param*, and of length *param_len* bytes.
* *action* can be one of:
*
* **SEG6_LOCAL_ACTION_END_X**
* End.X action: Endpoint with Layer-3 cross-connect.
* Type of *param*: **struct in6_addr**.
* **SEG6_LOCAL_ACTION_END_T**
* End.T action: Endpoint with specific IPv6 table lookup.
* Type of *param*: **int**.
* **SEG6_LOCAL_ACTION_END_B6**
* End.B6 action: Endpoint bound to an SRv6 policy.
* Type of *param*: **struct ipv6_sr_hdr**.
* **SEG6_LOCAL_ACTION_END_B6_ENCAP**
* End.B6.Encap action: Endpoint bound to an SRv6
* encapsulation policy.
* Type of *param*: **struct ipv6_sr_hdr**.
*

```

```

* A call to this helper is susceptible to change the underlying
* packet buffer. Therefore, at load time, all checks on pointers
* previously done by the verifier are invalidated and must be
* performed again, if the helper is used in combination with
* direct packet access.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_lwt_seg6_action)(struct __sk_buff *skb, __u32 action, void *param, __u32 param_len) =
(void *) 76;

/*
* bpf_rc_repeat
*
* This helper is used in programs implementing IR decoding, to
* report a successfully decoded repeat key message. This delays
* the generation of a key up event for previously generated
* key down event.
*
* Some IR protocols like NEC have a special IR message for
* repeating last button, for when a button is held down.
*
* The *ctx* should point to the lirc sample as passed into
* the program.
*
* This helper is only available if the kernel was compiled with
* the **CONFIG_BPF_LIRC_MODE2** configuration option set to
* "y".
*
* Returns
* 0
*/
static long (* const bpf_rc_repeat)(void *ctx) = (void *) 77;

/*
* bpf_rc_keydown
*
* This helper is used in programs implementing IR decoding, to
* report a successfully decoded key
press with *scancode*,
* *toggle* value in the given *protocol*. The scancode will be
* translated to a keycode using the rc keymap, and reported as
* an input key down event. After a period a key up event is
* generated. This period can be extended by calling either
* **bpf_rc_keydown**() again with the same values, or calling
* **bpf_rc_repeat**().
*

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* Some protocols include a toggle bit, in case the button was
* released and pressed again between consecutive scancodes.
*
* The *ctx* should point to the lirc sample as passed into
* the program.
*
* The *protocol* is the decoded protocol number (see
* **enum rc_proto** for some predefined values).
*
* This helper is only available if the kernel was compiled with
* the **CONFIG_BPF_LIRC_MODE2** configuration option set to
* "y".
*
* Returns
* 0
*/
static long (* const bpf_rc_keydown)(void *ctx, __u32 protocol, __u64 scancode, __u32 toggle) = (void *) 78;

/*
* bpf_skb_cgroup_id
*
* Return
* the cgroup v2 id of the socket associated with the *skb*.
* This is roughly similar to the **bpf_get_cgroup_classid**\ ()
* helper for cgroup v1 by providing a tag resp. identifier that
* can be matched on or used for map lookups e.g. to implement
* policy. The cgroup v2 id of a given path in the hierarchy is
* exposed in user space through the f_handle API in order to get
* to the same 64-bit id.
*
* This helper can be used on TC egress path, but not on ingress,
* and is available only if the kernel was compiled with the
* **CONFIG_SOCK_CGROUP_DATA** configuration option.
*
* Returns
* The id is returned or 0 in case the id could not be retrieved.
*/
static __u64 (* const bpf_skb_cgroup_id)(struct __sk_buff *skb) = (void *) 79;

/*
* bpf_get_current_cgroup_id
*
* Get the current cgroup id based on the cgroup within which
* the current task is running.
*
* Returns
* A 64-bit integer containing the current cgroup id based
* on the cgroup within which

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the current task is running.
*/
static __u64 (* const bpf_get_current_cgroup_id)(void) = (void *) 80;

/*
 * bpf_get_local_storage
 *
 * Get the pointer to the local storage area.
 * The type and the size of the local storage is defined
 * by the *map* argument.
 * The *flags* meaning is specific for each map type,
 * and has to be 0 for cgroup local storage.
 *
 * Depending on the BPF program type, a local storage area
 * can be shared between multiple instances of the BPF program,
 * running simultaneously.
 *
 * A user should care about the synchronization by himself.
 * For example, by using the **BPF_ATOMIC** instructions to alter
 * the shared data.
 *
 * Returns
 * A pointer to the local storage area.
 */
static void (* const bpf_get_local_storage)(void *map, __u64 flags) = (void *) 81;

/*
 * bpf_sk_select_reuseport
 *
 * Select a **SO_REUSEPORT** socket from a
 * **BPF_MAP_TYPE_REUSEPORT_SOCKARRAY** *map*.
 * It checks the selected socket is matching the incoming
 * request in the socket buffer.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_sk_select_reuseport)(struct sk_reuseport_md *reuse, void *map, void *key, __u64 flags) =
(void *) 82;

/*
 * bpf_skb_ancestor_cgroup_id
 *
 * Return id of cgroup v2 that is ancestor of cgroup associated
 * with the *skb* at the *ancestor_level*. The root cgroup is at
 * *ancestor_level* zero and each step down the hierarchy
 * increments the level. If *ancestor_level* == level of cgroup
 * associated with *skb*, then return value will be same as that

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* of bpf_skb_cgroup_id ().
*
* The helper is useful to implement policies based on cgroups
* that are upper in hierarchy than immediate cgroup associated
* with skb.
*
* The format of returned id and helper limitations are same as in
* bpf_skb_cgroup_id ().
*
* Returns
* The id is returned or 0 in case the id could not be retrieved.
*/
static __u64 (* const bpf_skb_ancestor_cgroup_id)(struct
__sk_buff *skb, int ancestor_level) = (void *) 83;

/*
* bpf_sk_lookup_tcp
*
* Look for TCP socket matching tuple, optionally in a child
* network namespace netns. The return value must be checked,
* and if non-NULL, released via bpf_sk_release ().
*
* The ctx should point to the context of the program, such as
* the skb or socket (depending on the hook in use). This is used
* to determine the base network namespace for the lookup.
*
* tuple_size must be one of:
*
* sizeof (tuple __->ipv4)
* Look for an IPv4 socket.
* sizeof (tuple __->ipv6)
* Look for an IPv6 socket.
*
* If the netns is a negative signed 32-bit integer, then the
* socket lookup table in the netns associated with the ctx
* will be used. For the TC hooks, this is the netns of the device
* in the skb. For socket hooks, this is the netns of the socket.
* If netns is any other signed 32-bit value greater than or
* equal to zero then it specifies the ID of the netns relative to
* the netns associated with the ctx. netns values beyond the
* range of 32-bit integers are reserved for future use.
*
* All values for flags are reserved for future usage, and must
* be left at zero.
*
* This helper is available only if the kernel was compiled with
* CONFIG_NET configuration option.
*

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* Returns
* Pointer to **struct bpf_sock**, or **NULL** in case of failure.
* For sockets with reuseport option, the **struct bpf_sock**
* result is from *reuse* \ **->socks** \ [] using the hash of the
* tuple.
*/
static struct bpf_sock *(* const bpf_sk_lookup_tcp)(void *ctx, struct bpf_sock_tuple *tuple, __u32 tuple_size,
__u64 netns, __u64 flags) = (void *) 84;

/*
* bpf_sk_lookup_udp
*
* Look for UDP socket matching *tuple*, optionally in a child
* network namespace *netns*. The return value must be checked,
* and if non-**NULL**, released via **bpf_sk_release** \ ().
*
* The
* *ctx* should point to the context of the program, such as
* the skb or socket (depending on the hook in use). This is used
* to determine the base network namespace for the lookup.
*
* *tuple_size* must be one of:
*
* **sizeof** \ (*tuple* \ **->ipv4**)
* Look for an IPv4 socket.
* **sizeof** \ (*tuple* \ **->ipv6**)
* Look for an IPv6 socket.
*
* If the *netns* is a negative signed 32-bit integer, then the
* socket lookup table in the netns associated with the *ctx*
* will be used. For the TC hooks, this is the netns of the device
* in the skb. For socket hooks, this is the netns of the socket.
* If *netns* is any other signed 32-bit value greater than or
* equal to zero then it specifies the ID of the netns relative to
* the netns associated with the *ctx*. *netns* values beyond the
* range of 32-bit integers are reserved for future use.
*
* All values for *flags* are reserved for future usage, and must
* be left at zero.
*
* This helper is available
* only if the kernel was compiled with
* **CONFIG_NET** configuration option.
*
* Returns
* Pointer to **struct bpf_sock**, or **NULL** in case of failure.
* For sockets with reuseport option, the **struct bpf_sock**
* result is from *reuse* \ **->socks** \ [] using the hash of the

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* tuple.
*/
static struct bpf_sock *(* const bpf_sk_lookup_udp)(void *ctx, struct bpf_sock_tuple *tuple, __u32 tuple_size,
__u64 netns, __u64 flags) = (void *) 85;

/*
* bpf_sk_release
*
* Release the reference held by *sock*. *sock* must be a
* non-NULL pointer that was returned from
* **bpf_sk_lookup_xxx**().
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_sk_release)(void *sock) = (void *) 86;

/*
* bpf_map_push_elem
*
* Push an element *value* in *map*. *flags* is one of:
*
* **BPF_EXIST**
* If the queue/stack is full, the oldest element is
* removed to make room for this.
*
* Returns
* 0 on success, or
a negative error in case of failure.
*/
static long (* const bpf_map_push_elem)(void *map, const void *value, __u64 flags) = (void *) 87;

/*
* bpf_map_pop_elem
*
* Pop an element from *map*.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_map_pop_elem)(void *map, void *value) = (void *) 88;

/*
* bpf_map_peek_elem
*
* Get an element from *map* without removing it.
*
* Returns

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```

* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_map_peek_elem)(void *map, void *value) = (void *) 89;

/*
 * bpf_msg_push_data
 *
 * For socket policies, insert *len* bytes into *msg* at offset
 * *start*.
 *
 * If a program of type **BPF_PROG_TYPE_SK_MSG** is run on a
 * *msg* it may want to insert metadata or options into the *msg*.
 * This can later be read and used by any of the lower layer BPF
 * hooks.
 *
 * This helper may fail if under memory pressure (a malloc
 * fails) in these cases BPF programs
 * will get an appropriate
 * error and BPF programs will need to handle them.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_msg_push_data)(struct sk_msg_md *msg, __u32 start, __u32 len, __u64 flags) = (void *) 90;

/*
 * bpf_msg_pop_data
 *
 * Will remove *len* bytes from a *msg* starting at byte *start*.
 * This may result in **ENOMEM** errors under certain situations if
 * an allocation and copy are required due to a full ring buffer.
 * However, the helper will try to avoid doing the allocation
 * if possible. Other errors can occur if input parameters are
 * invalid either due to *start* byte not being valid part of *msg*
 * payload and/or *pop* value being too large.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_msg_pop_data)(struct sk_msg_md *msg, __u32 start, __u32 len, __u64 flags) = (void *) 91;

/*
 * bpf_rc_pointer_rel
 *
 * This helper is used in programs implementing
 * IR decoding, to
 * report a successfully decoded pointer movement.

```

```

*
* The *ctx* should point to the lirc sample as passed into
* the program.
*
* This helper is only available is the kernel was compiled with
* the CONFIG_BPF_LIRC_MODE2 configuration option set to
* "y".
*
* Returns
* 0
*/
static long (* const bpf_rc_pointer_rel)(void *ctx, __s32 rel_x, __s32 rel_y) = (void *) 92;

/*
* bpf_spin_lock
*
* Acquire a spinlock represented by the pointer *lock*, which is
* stored as part of a value of a map. Taking the lock allows to
* safely update the rest of the fields in that value. The
* spinlock can (and must) later be released with a call to
* bpf_spin_unlock(\ *lock*).
*
* Spinlocks in BPF programs come with a number of restrictions
* and constraints:
*
* * bpf_spin_lock objects are only allowed inside maps of
*   types BPF_MAP_TYPE_HASH and BPF_MAP_TYPE_ARRAY (this
*   list could be extended in the future).
* * BTF description of the map is mandatory.
* * The BPF program can take ONE lock at a time, since taking two
*   or more could cause dead locks.
* * Only one struct bpf_spin_lock is allowed per map element.
* * When the lock is taken, calls (either BPF to BPF or helpers)
*   are not allowed.
* * The BPF_LD_ABS and BPF_LD_IND instructions are not
*   allowed inside a spinlock-ed region.
* * The BPF program MUST call bpf_spin_unlock() to release
*   the lock, on all execution paths, before it returns.
* * The BPF program can access struct bpf_spin_lock only via
*   the bpf_spin_lock() and bpf_spin_unlock()
*   helpers. Loading or storing data into the struct
*   bpf_spin_lock *lock field of a map is not allowed.
* * To use the bpf_spin_lock() helper, the BTF description
*   of the map value must be a struct and have struct
*   bpf_spin_lock *anyname field at the top level.
*   Nested
lock inside another struct is not allowed.
* * The struct bpf_spin_lock *lock field in a map value must

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*   be aligned on a multiple of 4 bytes in that value.
* * Syscall with command **BPF_MAP_LOOKUP_ELEM** does not copy
*   the **bpf_spin_lock** field to user space.
* * Syscall with command **BPF_MAP_UPDATE_ELEM**, or update from
*   a BPF program, do not update the **bpf_spin_lock** field.
* * **bpf_spin_lock** cannot be on the stack or inside a
*   networking packet (it can only be inside of a map values).
* * **bpf_spin_lock** is available to root only.
* * Tracing programs and socket filter programs cannot use
*   **bpf_spin_lock**\ () due to insufficient preemption checks
*   (but this may change in the future).
* * **bpf_spin_lock** is not allowed in inner maps of map-in-map.
*
* Returns
* 0
*/
static long (* const bpf_spin_lock)(struct bpf_spin_lock *lock) = (void *) 93;

/*
* bpf_spin_unlock
*
* Release the *lock* previously locked
* by a call to
* **bpf_spin_lock**\ (\ *lock*\ ).
*
* Returns
* 0
*/
static long (* const bpf_spin_unlock)(struct bpf_spin_lock *lock) = (void *) 94;

/*
* bpf_sk_fullsock
*
* This helper gets a **struct bpf_sock** pointer such
* that all the fields in this **bpf_sock** can be accessed.
*
* Returns
* A **struct bpf_sock** pointer on success, or **NULL** in
* case of failure.
*/
static struct bpf_sock *(* const bpf_sk_fullsock)(struct bpf_sock *sk) = (void *) 95;

/*
* bpf_tcp_sock
*
* This helper gets a **struct bpf_tcp_sock** pointer from a
* **struct bpf_sock** pointer.
*

```

```

* Returns
* A **struct bpf_tcp_sock** pointer on success, or **NULL** in
* case of failure.
*/
static struct bpf_tcp_sock *(* const bpf_tcp_sock)(struct bpf_sock *sk) = (void *) 96;

/*
* bpf_skb_ecn_set_ce
*
* Set ECN (Explicit Congestion Notification) field of IP header
* to **CE** (Congestion Encountered) if current value is **ECT**
* (ECN Capable Transport). Otherwise, do nothing.
Works with IPv6
* and IPv4.
*
* Returns
* 1 if the **CE** flag is set (either by the current helper call
* or because it was already present), 0 if it is not set.
*/
static long (* const bpf_skb_ecn_set_ce)(struct __sk_buff *skb) = (void *) 97;

/*
* bpf_get_listener_sock
*
* Return a **struct bpf_sock** pointer in **TCP_LISTEN** state.
* **bpf_sk_release**\ () is unnecessary and not allowed.
*
* Returns
* A **struct bpf_sock** pointer on success, or **NULL** in
* case of failure.
*/
static struct bpf_sock *(* const bpf_get_listener_sock)(struct bpf_sock *sk) = (void *) 98;

/*
* bpf_skc_lookup_tcp
*
* Look for TCP socket matching *tuple*, optionally in a child
* network namespace *netns*. The return value must be checked,
* and if non-**NULL**, released via **bpf_sk_release**\ ().
*
* This function is identical to **bpf_sk_lookup_tcp**\ (), except
* that it also returns timewait or request sockets. Use
* **bpf_sk_fullsock**\ () or **bpf_tcp_sock**\
() to access the
* full structure.
*
* This helper is available only if the kernel was compiled with
* **CONFIG_NET** configuration option.

```

```

*
* Returns
* Pointer to **struct bpf_sock**, or **NULL** in case of failure.
* For sockets with reuseport option, the **struct bpf_sock**
* result is from *reuse* \ **->socks** \ [] using the hash of the
* tuple.
*/
static struct bpf_sock *(* const bpf_skc_lookup_tcp)(void *ctx, struct bpf_sock_tuple *tuple, __u32 tuple_size,
__u64 netns, __u64 flags) = (void *) 99;

/*
* bpf_tcp_check_syncookie
*
* Check whether *iph* and *th* contain a valid SYN cookie ACK for
* the listening socket in *sk*.
*
* *iph* points to the start of the IPv4 or IPv6 header, while
* *iph_len* contains **sizeof** \ (**struct iphdr**) or
* **sizeof** \ (**struct ipv6hdr**).
*
* *th* points to the start of the TCP header, while *th_len*
* contains the length of the TCP header (at least
* **sizeof** \ (**struct tcphdr**)).
*
* Returns
* 0 if *iph* and *th* are a valid SYN cookie ACK, or a negative
* error otherwise.
*/
static long (* const bpf_tcp_check_syncookie)(void *sk, void *iph, __u32 iph_len, struct tcphdr *th, __u32 th_len)
= (void *) 100;

/*
* bpf_sysctl_get_name
*
* Get name of sysctl in /proc/sys/ and copy it into provided by
* program buffer *buf* of size *buf_len*.
*
* The buffer is always NUL terminated, unless it's zero-sized.
*
* If *flags* is zero, full name (e.g. "net/ipv4/tcp_mem") is
* copied. Use **BPF_F_SYSCTL_BASE_NAME** flag to copy base name
* only (e.g. "tcp_mem").
*
* Returns
* Number of character copied (not including the trailing NUL).
*
* **E2BIG** if the buffer wasn't big enough (*buf* will contain
* truncated name in this case).

```



```

*/
static long (* const bpf_sysctl_get_name)(struct bpf_sysctl *ctx, char *buf, unsigned long buf_len, __u64 flags) =
(void *) 101;

/*
 * bpf_sysctl_get_current_value
 *
 * Get current value of sysctl as it is presented in
 /proc/sys
 * (incl. newline, etc), and copy it as a string into provided
 * by program buffer *buf* of size *buf_len*.
 *
 * The whole value is copied, no matter what file position user
 * space issued e.g. sys_read at.
 *
 * The buffer is always NUL terminated, unless it's zero-sized.
 *
 * Returns
 * Number of character copied (not including the trailing NUL).
 *
 * **E2BIG** if the buffer wasn't big enough (*buf* will contain
 * truncated name in this case).
 *
 * **EINVAL** if current value was unavailable, e.g. because
 * sysctl is uninitialized and read returns -EIO for it.
*/
static long (* const bpf_sysctl_get_current_value)(struct bpf_sysctl *ctx, char *buf, unsigned long buf_len) = (void
*) 102;

/*
 * bpf_sysctl_get_new_value
 *
 * Get new value being written by user space to sysctl (before
 * the actual write happens) and copy it as a string into
 * provided by program buffer *buf* of size *buf_len*.
 *
 * User space may write new value at file position >
 0.
 *
 * The buffer is always NUL terminated, unless it's zero-sized.
 *
 * Returns
 * Number of character copied (not including the trailing NUL).
 *
 * **E2BIG** if the buffer wasn't big enough (*buf* will contain
 * truncated name in this case).
 *
 * **EINVAL** if sysctl is being read.

```

```

*/
static long (* const bpf_sysctl_get_new_value)(struct bpf_sysctl *ctx, char *buf, unsigned long buf_len) = (void *)
103;

/*
 * bpf_sysctl_set_new_value
 *
 * Override new value being written by user space to sysctl with
 * value provided by program in buffer *buf* of size *buf_len*.
 *
 * *buf* should contain a string in same form as provided by user
 * space on sysctl write.
 *
 * User space may write new value at file position > 0. To override
 * the whole sysctl value file position should be set to zero.
 *
 * Returns
 * 0 on success.
 *
 * **E2BIG** if the *buf_len* is too big.
 *
 * **EINVAL** if sysctl is being read.
 */
static long (* const bpf_sysctl_set_new_value)(struct
bpf_sysctl *ctx, const char *buf, unsigned long buf_len) = (void *) 104;

/*
 * bpf_strtol
 *
 * Convert the initial part of the string from buffer *buf* of
 * size *buf_len* to a long integer according to the given base
 * and save the result in *res*.
 *
 * The string may begin with an arbitrary amount of white space
 * (as determined by **isspace**\ (3)) followed by a single
 * optional '**_**' sign.
 *
 * Five least significant bits of *flags* encode base, other bits
 * are currently unused.
 *
 * Base must be either 8, 10, 16 or 0 to detect it automatically
 * similar to user space **strtol**\ (3).
 *
 * Returns
 * Number of characters consumed on success. Must be positive but
 * no more than *buf_len*.
 *
 * **EINVAL** if no valid digits were found or unsupported base

```

```

* was provided.
*
* **_ERANGE** if resulting value was out of range.
*/
static long (* const bpf_strtol)(const char *buf, unsigned long buf_len, __u64 flags, long *res) = (void *) 105;

/*
*
* bpf_strtol
*
* Convert the initial part of the string from buffer *buf* of
* size *buf_len* to an unsigned long integer according to the
* given base and save the result in *res*.
*
* The string may begin with an arbitrary amount of white space
* (as determined by **isspace**\ (3)).
*
* Five least significant bits of *flags* encode base, other bits
* are currently unused.
*
* Base must be either 8, 10, 16 or 0 to detect it automatically
* similar to user space **strtoul**\ (3).
*
* Returns
* Number of characters consumed on success. Must be positive but
* no more than *buf_len*.
*
* **_EINVAL** if no valid digits were found or unsupported base
* was provided.
*
* **_ERANGE** if resulting value was out of range.
*/
static long (* const bpf_strtol)(const char *buf, unsigned long buf_len, __u64 flags, unsigned long *res) = (void *)
106;

/*
* bpf_sk_storage_get
*
* Get a bpf-local-storage from a *sk*.
*
* Logically, it could be thought of getting
the value from
* a *map* with *sk* as the **key**. From this
* perspective, the usage is not much different from
* **bpf_map_lookup_elem**\ (*map*, **&sk*) except this
* helper enforces the key must be a full socket and the map must
* be a **BPF_MAP_TYPE_SK_STORAGE** also.
*

```

```

* Underneath, the value is stored locally at *sk* instead of
* the *map*. The *map* is used as the bpf-local-storage
* "type". The bpf-local-storage "type" (i.e. the *map*) is
* searched against all bpf-local-storages residing at *sk*.
*
* *sk* is a kernel **struct sock** pointer for LSM program.
* *sk* is a **struct bpf_sock** pointer for other program types.
*
* An optional *flags* (**BPF_SK_STORAGE_GET_F_CREATE**) can be
* used such that a new bpf-local-storage will be
* created if one does not exist. *value* can be used
* together with **BPF_SK_STORAGE_GET_F_CREATE** to specify
* the initial value of a bpf-local-storage. If *value* is
* **NULL**, the new bpf-local-storage
will be zero initialized.
*
* Returns
* A bpf-local-storage pointer is returned on success.
*
* **NULL** if not found or there was an error in adding
* a new bpf-local-storage.
*/
static void (* const bpf_sk_storage_get)(void *map, void *sk, void *value, __u64 flags) = (void *) 107;

/*
* bpf_sk_storage_delete
*
* Delete a bpf-local-storage from a *sk*.
*
* Returns
* 0 on success.
*
* **-ENOENT** if the bpf-local-storage cannot be found.
* **-EINVAL** if sk is not a fullsock (e.g. a request_sock).
*/
static long (* const bpf_sk_storage_delete)(void *map, void *sk) = (void *) 108;

/*
* bpf_send_signal
*
* Send signal *sig* to the process of the current task.
* The signal may be delivered to any of this process's threads.
*
* Returns
* 0 on success or successfully queued.
*
* **-EBUSY** if work queue under nmi is full.
*

```

```

* **EINVAL** if *sig* is invalid.
*
* **-EPERM** if no permission to send the *sig*.
*
* **-EAGAIN** if bpf
program can try again.
*/
static long (* const bpf_send_signal)(__u32 sig) = (void *) 109;

/*
* bpf_tcp_gen_syncookie
*
* Try to issue a SYN cookie for the packet with corresponding
* IP/TCP headers, *iph* and *th*, on the listening socket in *sk*.
*
* *iph* points to the start of the IPv4 or IPv6 header, while
* *iph_len* contains **sizeof**\ (**struct iphdr**) or
* **sizeof**\ (**struct ipv6hdr**).
*
* *th* points to the start of the TCP header, while *th_len*
* contains the length of the TCP header with options (at least
* **sizeof**\ (**struct tcphdr**)).
*
* Returns
* On success, lower 32 bits hold the generated SYN cookie in
* followed by 16 bits which hold the MSS value for that cookie,
* and the top 16 bits are unused.
*
* On failure, the returned value is one of the following:
*
* **EINVAL** SYN cookie cannot be issued due to error
*
* **ENOENT** SYN cookie should not be issued (no SYN flood)
*
* **EOPNOTSUPP** kernel configuration
does not enable SYN cookies
*
* **-EPROTONOSUPPORT** IP packet version is not 4 or 6
*/
static __s64 (* const bpf_tcp_gen_syncookie)(void *sk, void *iph, __u32 iph_len, struct tcphdr *th, __u32 th_len) =
(void *) 110;

/*
* bpf_skb_output
*
* Write raw *data* blob into a special BPF perf event held by
* *map* of type **BPF_MAP_TYPE_PERF_EVENT_ARRAY**. This perf
* event must have the following attributes: **PERF_SAMPLE_RAW**

```

```

* as sample_type, PERF_TYPE_SOFTWARE as type, and
* PERF_COUNT_SW_BPF_OUTPUT as config.
*
* The flags are used to indicate the index in map for which
* the value must be put, masked with BPF_F_INDEX_MASK.
* Alternatively, flags can be set to BPF_F_CURRENT_CPU
* to indicate that the index of the current CPU core should be
* used.
*
* The value to write, of size, is passed through eBPF stack and
* pointed by data.
*
* ctx is a pointer to in-kernel struct sk_buff.
*
* This helper is similar to
bpf_perf_event_output() but
* restricted to raw_tracepoint bpf programs.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_skb_output)(void *ctx, void *map, __u64 flags, void *data, __u64 size) = (void *) 111;

/*
* bpf_probe_read_user
*
* Safely attempt to read size bytes from user space address
* unsafe_ptr and store the data in dst.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_probe_read_user)(void *dst, __u32 size, const void *unsafe_ptr) = (void *) 112;

/*
* bpf_probe_read_kernel
*
* Safely attempt to read size bytes from kernel space address
* unsafe_ptr and store the data in dst.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_probe_read_kernel)(void *dst, __u32 size, const void *unsafe_ptr) = (void *) 113;

/*
* bpf_probe_read_user_str
*

```

```

* Copy a NUL terminated string from an unsafe
user address
* *unsafe_ptr* to *dst*. The *size* should include the
* terminating NUL byte. In case the string length is smaller than
* *size*, the target is not padded with further NUL bytes. If the
* string length is larger than *size*, just *size*-1 bytes are
* copied and the last byte is set to NUL.
*
* On success, returns the number of bytes that were written,
* including the terminal NUL. This makes this helper useful in
* tracing programs for reading strings, and more importantly to
* get its length at runtime. See the following snippet:
*
* ::
*
* SEC("kprobe/sys_open")
* void bpf_sys_open(struct pt_regs *ctx)
* {
*     char buf[PATHLEN]; // PATHLEN is defined to 256
*     int res = bpf_probe_read_user_str(buf, sizeof(buf),
*                                       ctx->di);
*
*     // Consume buf, for example push it to
*     // userspace via bpf_perf_event_output(); we
*     // can use res (the string length) as event
*     // size,
*     after checking its boundaries.
* }
*
* In comparison, using bpf_probe_read_user() helper here
* instead to read the string would require to estimate the length
* at compile time, and would often result in copying more memory
* than necessary.
*
* Another useful use case is when parsing individual process
* arguments or individual environment variables navigating
* *current*->mm->arg_start and *current*->mm->env_start: using this helper and the return value,
* one can quickly iterate at the right offset of the memory area.
*
* Returns
* On success, the strictly positive length of the output string,
* including the trailing NUL character. On error, a negative
* value.
*/
static long (* const bpf_probe_read_user_str)(void *dst, __u32 size, const void *unsafe_ptr) = (void *) 114;
/*

```

```

* bpf_probe_read_kernel_str
*
* Copy a NUL terminated string from an unsafe kernel address *unsafe_ptr*
* to *dst*. Same semantics as with **bpf_probe_read_user_str**\
() apply.
*
* Returns
* On success, the strictly positive length of the string, including
* the trailing NUL character. On error, a negative value.
*/
static long (* const bpf_probe_read_kernel_str)(void *dst, __u32 size, const void *unsafe_ptr) = (void *) 115;

/*
* bpf_tcp_send_ack
*
* Send out a tcp-ack. *tp* is the in-kernel struct **tcp_sock**.
* *rcv_nxt* is the ack_seq to be sent out.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_tcp_send_ack)(void *tp, __u32 rcv_nxt) = (void *) 116;

/*
* bpf_send_signal_thread
*
* Send signal *sig* to the thread corresponding to the current task.
*
* Returns
* 0 on success or successfully queued.
*
* **-EBUSY** if work queue under nmi is full.
*
* **-EINVAL** if *sig* is invalid.
*
* **-EPERM** if no permission to send the *sig*.
*
* **-EAGAIN** if bpf program can try again.
*/
static long (* const bpf_send_signal_thread)(__u32 sig) = (void
*) 117;

/*
* bpf_jiffies64
*
* Obtain the 64bit jiffies
*
* Returns

```



```

* The 64 bit jiffies
*/
static __u64 (* const bpf_jiffies64)(void) = (void *) 118;

/*
* bpf_read_branch_records
*
* For an eBPF program attached to a perf event, retrieve the
* branch records (**struct perf_branch_entry**) associated to *ctx*
* and store it in the buffer pointed by *buf* up to size
* *size* bytes.
*
* Returns
* On success, number of bytes written to *buf*. On error, a
* negative value.
*
* The *flags* can be set to **BPF_F_GET_BRANCH_RECORDS_SIZE** to
* instead return the number of bytes required to store all the
* branch entries. If this flag is set, *buf* may be NULL.
*
* **-EINVAL** if arguments invalid or **size** not a multiple
* of **sizeof**\ (**struct perf_branch_entry**\ ).
*
* **-ENOENT** if architecture does not support branch records.
*/
static long (* const bpf_read_branch_records)(struct bpf_perf_event_data *ctx, void *buf, __u32 size, __u64
flags) = (void *) 119;

/*
* bpf_get_ns_current_pid_tgid
*
* Returns 0 on success, values for *pid* and *tgid* as seen from the current
* *namespace* will be returned in *nsdata*.
*
* Returns
* 0 on success, or one of the following in case of failure:
*
* **-EINVAL** if dev and inum supplied don't match dev_t and inode number
* with nsfs of current task, or if dev conversion to dev_t lost high bits.
*
* **-ENOENT** if pidns does not exists for the current task.
*/
static long (* const bpf_get_ns_current_pid_tgid)(__u64 dev, __u64 ino, struct bpf_pidns_info *nsdata, __u32 size)
= (void *) 120;

/*
* bpf_xdp_output
*

```

```

* Write raw *data* blob into a special BPF perf event held by
* *map* of type **BPF_MAP_TYPE_PERF_EVENT_ARRAY**. This perf
* event must have the following attributes: **PERF_SAMPLE_RAW**
* as **sample_type**, **PERF_TYPE_SOFTWARE** as **type**, and
* **PERF_COUNT_SW_BPF_OUTPUT** as **config**.
*
* The *flags* are used to indicate the index
in *map* for which
* the value must be put, masked with **BPF_F_INDEX_MASK**.
* Alternatively, *flags* can be set to **BPF_F_CURRENT_CPU**
* to indicate that the index of the current CPU core should be
* used.
*
* The value to write, of *size*, is passed through eBPF stack and
* pointed by *data*.
*
* *ctx* is a pointer to in-kernel struct xdp_buff.
*
* This helper is similar to **bpf_perf_eventoutput**\ () but
* restricted to raw_tracepoint bpf programs.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_xdp_output)(void *ctx, void *map, __u64 flags, void *data, __u64 size) = (void *) 121;

/*
* bpf_get_netns_cookie
*
* Retrieve the cookie (generated by the kernel) of the network
* namespace the input *ctx* is associated with. The network
* namespace cookie remains stable for its lifetime and provides
* a global identifier that can be assumed unique. If *ctx* is
* NULL, then the helper returns the cookie
for the initial
* network namespace. The cookie itself is very similar to that
* of **bpf_get_socket_cookie**\ () helper, but for network
* namespaces instead of sockets.
*
* Returns
* A 8-byte long opaque number.
*/
static __u64 (* const bpf_get_netns_cookie)(void *ctx) = (void *) 122;

/*
* bpf_get_current_ancestor_cgroup_id
*
* Return id of cgroup v2 that is ancestor of the cgroup associated

```

```

* with the current task at the *ancestor_level*. The root cgroup
* is at *ancestor_level* zero and each step down the hierarchy
* increments the level. If *ancestor_level* == level of cgroup
* associated with the current task, then return value will be the
* same as that of bpf_get_current_cgroup_id()
*
* The helper is useful to implement policies based on cgroups
* that are upper in hierarchy than immediate cgroup associated
* with the current task.
*
* The format of returned id and helper limitations are same as in
* bpf_get_current_cgroup_id\
().
*
* Returns
* The id is returned or 0 in case the id could not be retrieved.
*/
static __u64 (* const bpf_get_current_ancestor_cgroup_id)(int ancestor_level) = (void *) 123;

/*
* bpf_sk_assign
*
* Helper is overloaded depending on BPF program type. This
* description applies to BPF_PROG_TYPE_SCHED_CLS and
* BPF_PROG_TYPE_SCHED_ACT programs.
*
* Assign the *sk* to the *skb*. When combined with appropriate
* routing configuration to receive the packet towards the socket,
* will cause *skb* to be delivered to the specified socket.
* Subsequent redirection of *skb* via bpf_redirect(),
* bpf_clone_redirect() or other methods outside of BPF may
* interfere with successful delivery to the socket.
*
* This operation is only valid from TC ingress path.
*
* The *flags* argument must be zero.
*
* Returns
* 0 on success, or a negative error in case of failure:
*
* -EINVAL if specified *flags* are not supported.
*
* -ENOENT
if the socket is unavailable for assignment.
*
* -ENETUNREACH if the socket is unreachable (wrong netns).
*
* -EOPNOTSUPP if the operation is not supported, for example

```

```

* a call from outside of TC ingress.
*/
static long (* const bpf_sk_assign)(void *ctx, void *sk, __u64 flags) = (void *) 124;

/*
 * bpf_ktime_get_boot_ns
 *
 * Return the time elapsed since system boot, in nanoseconds.
 * Does include the time the system was suspended.
 * See: **clock_gettime**\ (**CLOCK_BOOTTIME**)
 *
 * Returns
 * Current *ktime*.
 */
static __u64 (* const bpf_ktime_get_boot_ns)(void) = (void *) 125;

/*
 * bpf_seq_printf
 *
 * **bpf_seq_printf**\ () uses seq_file **seq_printf**\ () to print
 * out the format string.
 * The *m* represents the seq_file. The *fmt* and *fmt_size* are for
 * the format string itself. The *data* and *data_len* are format string
 * arguments. The *data* are a **u64** array and corresponding format string
 * values are stored in the array. For strings
 * and pointers where pointees
 * are accessed, only the pointer values are stored in the *data* array.
 * The *data_len* is the size of *data* in bytes - must be a multiple of 8.
 *
 * Formats **%s**, **%p{i,I}{4,6}** requires to read kernel memory.
 * Reading kernel memory may fail due to either invalid address or
 * valid address but requiring a major memory fault. If reading kernel memory
 * fails, the string for **%s** will be an empty string, and the ip
 * address for **%p{i,I}{4,6}** will be 0. Not returning error to
 * bpf program is consistent with what **bpf_trace_printk**\ () does for now.
 *
 * Returns
 * 0 on success, or a negative error in case of failure:
 *
 * **-EBUSY** if per-CPU memory copy buffer is busy, can try again
 * by returning 1 from bpf program.
 *
 * **-EINVAL** if arguments are invalid, or if *fmt* is invalid/unsupported.
 *
 * **-E2BIG** if *fmt* contains too many format specifiers.
 *
 * **-EOVERFLOW** if an overflow happened: The same

```

```

object will be tried again.
*/
static long (* const bpf_seq_printf)(struct seq_file *m, const char *fmt, __u32 fmt_size, const void *data, __u32
data_len) = (void *) 126;

/*
 * bpf_seq_write
 *
 * **bpf_seq_write**\ () uses seq_file **seq_write**\ () to write the data.
 * The *m* represents the seq_file. The *data* and *len* represent the
 * data to write in bytes.
 *
 * Returns
 * 0 on success, or a negative error in case of failure:
 *
 * **EOVERFLOW** if an overflow happened: The same object will be tried again.
 */
static long (* const bpf_seq_write)(struct seq_file *m, const void *data, __u32 len) = (void *) 127;

/*
 * bpf_sk_cgroup_id
 *
 * Return the cgroup v2 id of the socket *sk*.
 *
 * *sk* must be a non-**NULL** pointer to a socket, e.g. one
 * returned from **bpf_sk_lookup_xxx**\ (),
 * **bpf_sk_fullsock**\ (), etc. The format of returned id is
 * same as in **bpf_skb_cgroup_id**\ ().
 *
 * This helper is available only if the kernel was compiled with
 * the
 * **CONFIG_SOCK_CGROUP_DATA** configuration option.
 *
 * Returns
 * The id is returned or 0 in case the id could not be retrieved.
 */
static __u64 (* const bpf_sk_cgroup_id)(void *sk) = (void *) 128;

/*
 * bpf_sk_ancestor_cgroup_id
 *
 * Return id of cgroup v2 that is ancestor of cgroup associated
 * with the *sk* at the *ancestor_level*. The root cgroup is at
 * *ancestor_level* zero and each step down the hierarchy
 * increments the level. If *ancestor_level* == level of cgroup
 * associated with *sk*, then return value will be same as that
 * of **bpf_sk_cgroup_id**\ ().
 *

```

```

* The helper is useful to implement policies based on cgroups
* that are upper in hierarchy than immediate cgroup associated
* with *sk*.
*
* The format of returned id and helper limitations are same as in
* **bpf_sk_cgroup_id**\ ().
*
* Returns
* The id is returned or 0 in case the id could not be retrieved.
*/
static __u64 (* const bpf_sk_ancestor_cgroup_id)(void *sk, int ancestor_level)
= (void *) 129;

/*
* bpf_ringbuf_output
*
* Copy *size* bytes from *data* into a ring buffer *ringbuf*.
* If **BPF_RB_NO_WAKEUP** is specified in *flags*, no notification
* of new data availability is sent.
* If **BPF_RB_FORCE_WAKEUP** is specified in *flags*, notification
* of new data availability is sent unconditionally.
* If **0** is specified in *flags*, an adaptive notification
* of new data availability is sent.
*
* An adaptive notification is a notification sent whenever the user-space
* process has caught up and consumed all available payloads. In case the user-space
* process is still processing a previous payload, then no notification is needed
* as it will process the newly added payload automatically.
*
* Returns
* 0 on success, or a negative error in case of failure.
*/
static long (* const bpf_ringbuf_output)(void *ringbuf, void *data, __u64 size, __u64 flags) = (void *) 130;

/*
* bpf_ringbuf_reserve
*
* Reserve *size* bytes of payload
in a ring buffer *ringbuf*.
* *flags* must be 0.
*
* Returns
* Valid pointer with *size* bytes of memory available; NULL,
* otherwise.
*/
static void *(* const bpf_ringbuf_reserve)(void *ringbuf, __u64 size, __u64 flags) = (void *) 131;

/*

```

```

* bpf_ringbuf_submit
*
* Submit reserved ring buffer sample, pointed to by *data*.
* If **BPF_RB_NO_WAKEUP** is specified in *flags*, no notification
* of new data availability is sent.
* If **BPF_RB_FORCE_WAKEUP** is specified in *flags*, notification
* of new data availability is sent unconditionally.
* If **0** is specified in *flags*, an adaptive notification
* of new data availability is sent.
*
* See 'bpf_ringbuf_output()' for the definition of adaptive notification.
*
* Returns
* Nothing. Always succeeds.
*/
static void (* const bpf_ringbuf_submit)(void *data, __u64 flags) = (void *) 132;

/*
* bpf_ringbuf_discard
*
* Discard reserved ring buffer sample, pointed to by *data*.
* If **BPF_RB_NO_WAKEUP**
is specified in *flags*, no notification
* of new data availability is sent.
* If **BPF_RB_FORCE_WAKEUP** is specified in *flags*, notification
* of new data availability is sent unconditionally.
* If **0** is specified in *flags*, an adaptive notification
* of new data availability is sent.
*
* See 'bpf_ringbuf_output()' for the definition of adaptive notification.
*
* Returns
* Nothing. Always succeeds.
*/
static void (* const bpf_ringbuf_discard)(void *data, __u64 flags) = (void *) 133;

/*
* bpf_ringbuf_query
*
* Query various characteristics of provided ring buffer. What
* exactly is queried is determined by *flags*:
*
* **BPF_RB_AVAIL_DATA**: Amount of data not yet consumed.
* **BPF_RB_RING_SIZE**: The size of ring buffer.
* **BPF_RB_CONS_POS**: Consumer position (can wrap around).
* **BPF_RB_PROD_POS**: Producer(s) position (can wrap around).
*
* Data returned is just a momentary snapshot of actual values

```

```

* and could be inaccurate,
so this facility should be used to
* power heuristics and for reporting, not to make 100% correct
* calculation.
*
* Returns
* Requested value, or 0, if *flags* are not recognized.
*/
static __u64 (* const bpf_ringbuf_query)(void *ringbuf, __u64 flags) = (void *) 134;

/*
* bpf_csum_level
*
* Change the skbs checksum level by one layer up or down, or
* reset it entirely to none in order to have the stack perform
* checksum validation. The level is applicable to the following
* protocols: TCP, UDP, GRE, SCTP, FCOE. For example, a decap of
* | ETH | IP | UDP | GUE | IP | TCP | into | ETH | IP | TCP |
* through bpf_skb_adjust_room() helper with passing in
* BPF_F_ADJ_ROOM_NO_CSUM_RESET flag would require one call
* to bpf_csum_level() with BPF_CSUM_LEVEL_DEC since
* the UDP header is removed. Similarly, an encap of the latter
* into the former could be accompanied by a helper call to
* bpf_csum_level() with BPF_CSUM_LEVEL_INC
if the
* skb is still intended to be processed in higher layers of the
* stack instead of just egressing at tc.
*
* There are three supported level settings at this time:
*
* BPF_CSUM_LEVEL_INC: Increases skb->csum_level for skbs
* with CHECKSUM_UNNECESSARY.
* BPF_CSUM_LEVEL_DEC: Decreases skb->csum_level for skbs
* with CHECKSUM_UNNECESSARY.
* BPF_CSUM_LEVEL_RESET: Resets skb->csum_level to 0 and
* sets CHECKSUM_NONE to force checksum validation by the stack.
* BPF_CSUM_LEVEL_QUERY: No-op, returns the current
* skb->csum_level.
*
* Returns
* 0 on success, or a negative error in case of failure. In the
* case of BPF_CSUM_LEVEL_QUERY, the current skb->csum_level
* is returned or the error code -EACCES in case the skb is not
* subject to CHECKSUM_UNNECESSARY.
*/
static long (* const bpf_csum_level)(struct __sk_buff *skb, __u64 level) = (void *) 135;

/*

```



```

* bpf_skc_to_tcp6_sock
*
* Dynamically cast a *sk* pointer to
a *tcp6_sock* pointer.
*
* Returns
* *sk* if casting is valid, or **NULL** otherwise.
*/
static struct tcp6_sock *(* const bpf_skc_to_tcp6_sock)(void *sk) = (void *) 136;

/*
* bpf_skc_to_tcp_sock
*
* Dynamically cast a *sk* pointer to a *tcp_sock* pointer.
*
* Returns
* *sk* if casting is valid, or **NULL** otherwise.
*/
static struct tcp_sock *(* const bpf_skc_to_tcp_sock)(void *sk) = (void *) 137;

/*
* bpf_skc_to_tcp_timewait_sock
*
* Dynamically cast a *sk* pointer to a *tcp_timewait_sock* pointer.
*
* Returns
* *sk* if casting is valid, or **NULL** otherwise.
*/
static struct tcp_timewait_sock *(* const bpf_skc_to_tcp_timewait_sock)(void *sk) = (void *) 138;

/*
* bpf_skc_to_tcp_request_sock
*
* Dynamically cast a *sk* pointer to a *tcp_request_sock* pointer.
*
* Returns
* *sk* if casting is valid, or **NULL** otherwise.
*/
static struct tcp_request_sock *(* const bpf_skc_to_tcp_request_sock)(void *sk) = (void *) 139;

/*
* bpf_skc_to_udp6_sock
*
* Dynamically cast a *sk* pointer to a *udp6_sock* pointer.
*
* Returns
* *sk* if casting is valid, or **NULL** otherwise.
*/

```

```

static struct udp6_sock *(* const bpf_sk_to_udp6_sock)(void *sk) = (void *) 140;

/*
 * bpf_get_task_stack
 *
 * Return a user or a kernel stack in bpf program provided buffer.
 * Note: the user stack will only be populated if the *task* is
 * the current task; all other tasks will return -EOPNOTSUPP.
 * To achieve this, the helper needs *task*, which is a valid
 * pointer to **struct task_struct**. To store the stacktrace, the
 * bpf program provides *buf* with a nonnegative *size*.
 *
 * The last argument, *flags*, holds the number of stack frames to
 * skip (from 0 to 255), masked with
 * **BPF_F_SKIP_FIELD_MASK**. The next bits can be used to set
 * the following flags:
 *
 * **BPF_F_USER_STACK**
 * Collect a user space stack instead of a kernel stack.
 * The *task* must be the current task.
 * **BPF_F_USER_BUILD_ID**
 * Collect
 * buildid+offset instead of ips for user stack,
 * only valid if **BPF_F_USER_STACK** is also specified.
 *
 * **bpf_get_task_stack**\ () can collect up to
 * **PERF_MAX_STACK_DEPTH** both kernel and user frames, subject
 * to sufficient large buffer size. Note that
 * this limit can be controlled with the **sysctl** program, and
 * that it should be manually increased in order to profile long
 * user stacks (such as stacks for Java programs). To do so, use:
 *
 * ::
 *
 * # sysctl kernel.perf_event_max_stack=<new value>
 *
 * Returns
 * The non-negative copied *buf* length equal to or less than
 * *size* on success, or a negative error in case of failure.
 */
static long (* const bpf_get_task_stack)(struct task_struct *task, void *buf, __u32 size, __u64 flags) = (void *) 141;

/*
 * bpf_load_hdr_opt
 *
 * Load header option. Support reading a particular TCP header
 * option for bpf program (**BPF_PROG_TYPE_SOCKET_OPS**).
 *

```

- * If `*flags*` is 0, it will search the option from the
- * `*skops*\ **->skb_data**`. The comment in `**struct bpf_sock_ops**`
- * has details on what `skb_data` contains under different
- * `*skops*\ **->op**`.
- *
- * The first byte of the `*searchby_res*` specifies the
- * kind that it wants to search.
- *
- * If the searching kind is an experimental kind
- * (i.e. 253 or 254 according to RFC6994). It also
- * needs to specify the "magic" which is either
- * 2 bytes or 4 bytes. It then also needs to
- * specify the size of the magic by using
- * the 2nd byte which is "kind-length" of a TCP
- * header option and the "kind-length" also
- * includes the first 2 bytes "kind" and "kind-length"
- * itself as a normal TCP header option also does.
- *
- * For example, to search experimental kind 254 with
- * 2 byte magic 0xB9F, the `searchby_res` should be
- * [254, 4, 0xB, 0x9F, 0, 0, ... 0].
- *
- * To search for the standard window scale option (3),
- * the `*searchby_res*` should be [3, 0, 0, ... 0].
- * Note, kind-length must be 0 for regular
- option.
- *
- * Searching for No-Op (0) and End-of-Option-List (1) are
- * not supported.
- *
- * `*len*` must be at least 2 bytes which is the minimal size
- * of a header option.
- *
- * Supported flags:
- *
- * `**BPF_LOAD_HDR_OPT_TCP_SYN**` to search from the
- * saved_syn packet or the just-received syn packet.
- *
- *
- * Returns
- * > 0 when found, the header option is copied to `*searchby_res*`.
- * The return value is the total length copied. On failure, a
- * negative error code is returned:
- *
- * `**EINVAL**` if a parameter is invalid.
- *
- * `**ENMSG**` if the option is not found.

```

*
* **_ENOENT** if no syn packet is available when
* **_BPF_LOAD_HDR_OPT_TCP_SYN** is used.
*
* **_ENOSPC** if there is not enough space. Only *len* number of
* bytes are copied.
*
* **_EFAULT** on failure to parse the header options in the
* packet.
*
* **_EPERM** if the helper cannot be used under the current
* *skops*\ **->op**.
*/
static long (* const bpf_load_hdr_opt)(struct bpf_sock_ops
*skops, void *searchby_res, __u32 len, __u64 flags) = (void *) 142;

/*
* bpf_store_hdr_opt
*
* Store header option. The data will be copied
* from buffer *from* with length *len* to the TCP header.
*
* The buffer *from* should have the whole option that
* includes the kind, kind-length, and the actual
* option data. The *len* must be at least kind-length
* long. The kind-length does not have to be 4 byte
* aligned. The kernel will take care of the padding
* and setting the 4 bytes aligned value to th->doff.
*
* This helper will check for duplicated option
* by searching the same option in the outgoing skb.
*
* This helper can only be called during
* **_BPF_SOCK_OPS_WRITE_HDR_OPT_CB**.
*
* Returns
* 0 on success, or negative error in case of failure:
*
* **_EINVAL** If param is invalid.
*
* **_ENOSPC** if there is not enough space in the header.
* Nothing has been written
*
* **_EEXIST** if the option already exists.
*
* **_EFAULT**

```

```

on failure to parse the existing header options.
*
* **_EPERM** if the helper cannot be used under the current
* *skops* \ **->op**.
*/
static long (* const bpf_store_hdr_opt)(struct bpf_sock_ops *skops, const void *from, __u32 len, __u64 flags) =
(void *) 143;

/*
* bpf_reserve_hdr_opt
*
* Reserve *len* bytes for the bpf header option. The
* space will be used by **bpf_store_hdr_opt**\ () later in
* **BPF_SOCKET_OPS_WRITE_HDR_OPT_CB**.
*
* If **bpf_reserve_hdr_opt**\ () is called multiple times,
* the total number of bytes will be reserved.
*
* This helper can only be called during
* **BPF_SOCKET_OPS_HDR_OPT_LEN_CB**.
*
*
* Returns
* 0 on success, or negative error in case of failure:
*
* **_EINVAL** if a parameter is invalid.
*
* **_ENOSPC** if there is not enough space in the header.
*
* **_EPERM** if the helper cannot be used under the current
* *skops* \ **->op**.
*/
static long (* const bpf_reserve_hdr_opt)(struct bpf_sock_ops *skops,
__u32 len, __u64 flags) = (void *) 144;

/*
* bpf_inode_storage_get
*
* Get a bpf_local_storage from an *inode*.
*
* Logically, it could be thought of as getting the value from
* a *map* with *inode* as the **key**. From this
* perspective, the usage is not much different from
* **bpf_map_lookup_elem**\ (*map*, **&**\ *inode*) except this
* helper enforces the key must be an inode and the map must also
* be a **BPF_MAP_TYPE_INODE_STORAGE**.
*
* Underneath, the value is stored locally at *inode* instead of

```

```

* the *map*. The *map* is used as the bpf-local-storage
* "type". The bpf-local-storage "type" (i.e. the *map*) is
* searched against all bpf_local_storage residing at *inode*.
*
* An optional *flags* (**BPF_LOCAL_STORAGE_GET_F_CREATE**) can be
* used such that a new bpf_local_storage will be
* created if one does not exist. *value* can be used
* together with **BPF_LOCAL_STORAGE_GET_F_CREATE** to specify
* the initial value of a bpf_local_storage.
  If *value* is
  * **NULL**, the new bpf_local_storage will be zero initialized.
  *
* Returns
* A bpf_local_storage pointer is returned on success.
*
* **NULL** if not found or there was an error in adding
* a new bpf_local_storage.
*/
static void (* const bpf_inode_storage_get)(void *map, void *inode, void *value, __u64 flags) = (void *) 145;

/*
* bpf_inode_storage_delete
*
* Delete a bpf_local_storage from an *inode*.
*
* Returns
* 0 on success.
*
* **-ENOENT** if the bpf_local_storage cannot be found.
*/
static int (* const bpf_inode_storage_delete)(void *map, void *inode) = (void *) 146;

/*
* bpf_d_path
*
* Return full path for given **struct path** object, which
* needs to be the kernel BTF *path* object. The path is
* returned in the provided buffer *buf* of size *sz* and
* is zero terminated.
*
* Returns
* On success, the strictly positive length of the string,
* including the trailing NUL character. On error, a negative
* value.
*/
static long (* const bpf_d_path)(struct path *path, char *buf, __u32 sz) = (void *) 147;

```

```

/*
 * bpf_copy_from_user
 *
 * Read *size* bytes from user space address *user_ptr* and store
 * the data in *dst*. This is a wrapper of copy_from_user().
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_copy_from_user)(void *dst, __u32 size, const void *user_ptr) = (void *) 148;

/*
 * bpf_snprintf_btf
 *
 * Use BTF to store a string representation of *ptr*->ptr in *str*,
 * using *ptr*->type_id. This value should specify the type
 * that *ptr*->ptr points to. LLVM __builtin_btf_type_id(type, 1)
 * can be used to look up vmlinux BTF type ids. Traversing the
 * data structure using BTF, the type information and values are
 * stored in the first *str_size* - 1 bytes of *str*. Safe copy of
 * the pointer data is carried out to avoid kernel crashes during
 * operation. Smaller types can use string space on the stack;
 * larger
programs can use map data to store the string
 * representation.
 *
 * The string can be subsequently shared with userspace via
 * bpf_perf_event_output() or ring buffer interfaces.
 * bpf_trace_printk() is to be avoided as it places too small
 * a limit on string size to be useful.
 *
 * *flags* is a combination of
 *
 * BTF_F_COMPACT
 * no formatting around type information
 * BTF_F_NONAME
 * no struct/union member names/types
 * BTF_F_PTR_RAW
 * show raw (unobfuscated) pointer values;
 * equivalent to printk specifier %px.
 * BTF_F_ZERO
 * show zero-valued struct/union members; they
 * are not displayed by default
 *
 * Returns
 * The number of bytes that were written (or would have been
 * written if output had to be truncated due to string size),

```

```

* or a negative error in cases of failure.
*/
static long (* const bpf_snprintf_btf)(char *str, __u32 str_size, struct btf_ptr *ptr, __u32 btf_ptr_size, __u64 flags) =
(void *) 149;

/*
* bpf_seq_printf_btf
*
* Use BTF to write to seq_write a string representation of
* *ptr*->ptr, using *ptr*->type_id as per bpf_snprintf_btf().
* *flags* are identical to those used for bpf_snprintf_btf.
*
* Returns
* 0 on success or a negative error in case of failure.
*/
static long (* const bpf_seq_printf_btf)(struct seq_file *m, struct btf_ptr *ptr, __u32 ptr_size, __u64 flags) = (void
*) 150;

/*
* bpf_skb_cgroup_classid
*
* See **bpf_get_cgroup_classid**\ () for the main description.
* This helper differs from **bpf_get_cgroup_classid**\ () in that
* the cgroup v1 net_cls class is retrieved only from the *skb*'s
* associated socket instead of the current process.
*
* Returns
* The id is returned or 0 in case the id could not be retrieved.
*/
static __u64 (* const bpf_skb_cgroup_classid)(struct __sk_buff *skb) = (void *) 151;

/*
* bpf_redirect_neigh
*
* Redirect the packet to another net device of index *ifindex*
* and fill in L2 addresses from neighboring
subsystem. This helper
* is somewhat similar to **bpf_redirect**\ (), except that it
* populates L2 addresses as well, meaning, internally, the helper
* relies on the neighbor lookup for the L2 address of the nexthop.
*
* The helper will perform a FIB lookup based on the skb's
* networking header to get the address of the next hop, unless
* this is supplied by the caller in the *params* argument. The
* *plen* argument indicates the len of *params* and should be set
* to 0 if *params* is NULL.
*
* The *flags* argument is reserved and must be 0. The helper is

```



```

* currently only supported for tc BPF program types, and enabled
* for IPv4 and IPv6 protocols.
*
* Returns
* The helper returns TC_ACT_REDIRECT on success or
* TC_ACT_SHOT on error.
*/
static long (* const bpf_redirect_neigh)(__u32 ifindex, struct bpf_redir_neigh *params, int plen, __u64 flags) =
(void *) 152;

/*
* bpf_per_cpu_ptr
*
* Take a pointer to a percpu ksym, *percpu_ptr*,
and return a
* pointer to the percpu kernel variable on *cpu*. A ksym is an
* extern variable decorated with '__ksym'. For ksym, there is a
* global var (either static or global) defined of the same name
* in the kernel. The ksym is percpu if the global var is percpu.
* The returned pointer points to the global percpu var on *cpu*.
*
* bpf_per_cpu_ptr() has the same semantic as per_cpu_ptr() in the
* kernel, except that bpf_per_cpu_ptr() may return NULL. This
* happens if *cpu* is larger than nr_cpu_ids. The caller of
* bpf_per_cpu_ptr() must check the returned value.
*
* Returns
* A pointer pointing to the kernel percpu variable on *cpu*, or
* NULL, if *cpu* is invalid.
*/
static void *(* const bpf_per_cpu_ptr)(const void *percpu_ptr, __u32 cpu) = (void *) 153;

/*
* bpf_this_cpu_ptr
*
* Take a pointer to a percpu ksym, *percpu_ptr*, and return a
* pointer to the percpu kernel variable on this cpu. See the
* description of 'ksym' in bpf_per_cpu_ptr\
().
*
* bpf_this_cpu_ptr() has the same semantic as this_cpu_ptr() in
* the kernel. Different from bpf_per_cpu_ptr\ (), it would
* never return NULL.
*
* Returns
* A pointer pointing to the kernel percpu variable on this cpu.
*/
static void *(* const bpf_this_cpu_ptr)(const void *percpu_ptr) = (void *) 154;

```

```

/*
 * bpf_redirect_peer
 *
 * Redirect the packet to another net device of index *ifindex*.
 * This helper is somewhat similar to bpf_redirect(), except
 * that the redirection happens to the *ifindex* peer device and
 * the netns switch takes place from ingress to ingress without
 * going through the CPU's backlog queue.
 *
 * The *flags* argument is reserved and must be 0. The helper is
 * currently only supported for tc BPF program types at the
 * ingress hook and for veth and netkit target device types. The
 * peer device must reside in a different network namespace.
 *
 * Returns
 * The helper returns TC_ACT_REDIRECT on success or
 *
 * TC_ACT_SHOT on error.
 */
static long (* const bpf_redirect_peer)(__u32 ifindex, __u64 flags) = (void *) 155;

/*
 * bpf_task_storage_get
 *
 * Get a bpf_local_storage from the *task*.
 *
 * Logically, it could be thought of as getting the value from
 * a *map* with *task* as the key. From this
 * perspective, the usage is not much different from
 * bpf_map_lookup_elem(*map*, &*task*) except this
 * helper enforces the key must be a task_struct and the map must also
 * be a BPF_MAP_TYPE_TASK_STORAGE.
 *
 * Underneath, the value is stored locally at *task* instead of
 * the *map*. The *map* is used as the bpf-local-storage
 * "type". The bpf-local-storage "type" (i.e. the *map*) is
 * searched against all bpf_local_storage residing at *task*.
 *
 * An optional *flags* (BPF_LOCAL_STORAGE_GET_F_CREATE) can be
 * used such that a new bpf_local_storage will be
 * created if one does not exist. *value* can be used
 * together with BPF_LOCAL_STORAGE_GET_F_CREATE
 * to specify
 * the initial value of a bpf_local_storage. If *value* is
 * NULL, the new bpf_local_storage will be zero initialized.
 *
 * Returns

```

```

* A bpf_local_storage pointer is returned on success.
*
* **NULL** if not found or there was an error in adding
* a new bpf_local_storage.
*/
static void>(* const bpf_task_storage_get)(void *map, struct task_struct *task, void *value, __u64 flags) = (void *)
156;

/*
* bpf_task_storage_delete
*
* Delete a bpf_local_storage from a *task*.
*
* Returns
* 0 on success.
*
* **-ENOENT** if the bpf_local_storage cannot be found.
*/
static long(* const bpf_task_storage_delete)(void *map, struct task_struct *task) = (void *) 157;

/*
* bpf_get_current_task_btf
*
* Return a BTF pointer to the "current" task.
* This pointer can also be used in helpers that accept an
* *ARG_PTR_TO_BTF_ID* of type *task_struct*.
*
* Returns
* Pointer to the current task.
*/
static struct task_struct>(* const
bpf_get_current_task_btf)(void) = (void *) 158;

/*
* bpf_bprm_opts_set
*
* Set or clear certain options on *bprm*:
*
* **BPF_F_BPRM_SECUREEXEC** Set the secureexec bit
* which sets the **AT_SECURE** auxv for glibc. The bit
* is cleared if the flag is not specified.
*
* Returns
* **-EINVAL** if invalid *flags* are passed, zero otherwise.
*/
static long(* const bpf_bprm_opts_set)(struct linux_binprm *bprm, __u64 flags) = (void *) 159;

/*

```

```

* bpf_ktime_get_coarse_ns
*
* Return a coarse-grained version of the time elapsed since
* system boot, in nanoseconds. Does not include time the system
* was suspended.
*
* See: clock_gettime (CLOCK_MONOTONIC_COARSE)
*
* Returns
* Current ktime.
*/
static __u64 (* const bpf_ktime_get_coarse_ns)(void) = (void *) 160;

/*
* bpf_ima_inode_hash
*
* Returns the stored IMA hash of the inode (if it's available).
* If the hash is larger than size, then only size
* bytes will be copied to dst
*
* Returns
* The hash_algo is returned on success,
* -EOPNOTSUPP if IMA is disabled or -EINVAL if
* invalid arguments are passed.
*/
static long (* const bpf_ima_inode_hash)(struct inode *inode, void *dst, __u32 size) = (void *) 161;

/*
* bpf_sock_from_file
*
* If the given file represents a socket, returns the associated
* socket.
*
* Returns
* A pointer to a struct socket on success or NULL if the file is
* not a socket.
*/
static struct socket *(* const bpf_sock_from_file)(struct file *file) = (void *) 162;

/*
* bpf_check_mtu
*
* Check packet size against exceeding MTU of net device (based
* on ifindex). This helper will likely be used in combination
* with helpers that adjust/change the packet size.
*
* The argument len_diff can be used for querying with a planned
* size change. This allows to check MTU prior to changing packet

```

- * ctx. Providing a `*len_diff*` adjustment that is larger than the
- * actual packet size (resulting in negative
- packet size) will in
- * principle not exceed the MTU, which is why it is not considered
- * a failure. Other BPF helpers are needed for performing the
- * planned size change; therefore the responsibility for catching
- * a negative packet size belongs in those helpers.
- *
- * Specifying `*ifindex*` zero means the MTU check is performed
- * against the current net device. This is practical if this isn't
- * used prior to redirect.
- *
- * On input `*mtu_len*` must be a valid pointer, else verifier will
- * reject BPF program. If the value `*mtu_len*` is initialized to
- * zero then the ctx packet size is use. When value `*mtu_len*` is
- * provided as input this specify the L3 length that the MTU check
- * is done against. Remember XDP and TC length operate at L2, but
- * this value is L3 as this correlate to MTU and IP-header `tot_len`
- * values which are L3 (similar behavior as `bpf_fib_lookup`).
- *
- * The Linux kernel route table can configure MTUs on a more
- * specific per route level,
- which is not provided by this helper.
- * For route level MTU checks use the `**bpf_fib_lookup**\()`
- * helper.
- *
- * `*ctx*` is either `**struct xdp_md**` for XDP programs or
- * `**struct sk_buff**` for tc `cls_act` programs.
- *
- * The `*flags*` argument can be a combination of one or more of the
- * following values:
- *
- * `**BPF_MTU_CHK_SEGS**`
- * This flag will only works for `*ctx*` `**struct sk_buff**`.
- * If packet context contains extra packet segment buffers
- * (often knows as GSO skb), then MTU check is harder to
- * check at this point, because in transmit path it is
- * possible for the skb packet to get re-segmented
- * (depending on net device features). This could still be
- * a MTU violation, so this flag enables performing MTU
- * check against segments, with a different violation
- * return code to tell it apart. Check cannot use `len_diff`.
- *
- * On return `*mtu_len*` pointer contains the MTU value of the net
- * device. Remember the net device configured MTU is the
- L3 size,
- * which is returned here and XDP and TC length operate at L2.
- * Helper take this into account for you, but remember when using

```

* MTU value in your BPF-code.
*
*
* Returns
* * 0 on success, and populate MTU value in *mtu_len* pointer.
*
* * < 0 if any input argument is invalid (*mtu_len* not updated)
*
* MTU violations return positive values, but also populate MTU
* value in *mtu_len* pointer, as this can be needed for
* implementing PMTU handing:
*
* * **BPF_MTU_CHK_RET_FRAG_NEEDED**
* * **BPF_MTU_CHK_RET_SEGS_TOOBIG**
*/
static long (* const bpf_check_mtu)(void *ctx, __u32 ifindex, __u32 *mtu_len, __s32 len_diff, __u64 flags) = (void
*) 163;

/*
* bpf_for_each_map_elem
*
* For each element in **map**, call **callback_fn** function with
* **map**, **callback_ctx** and other map-specific parameters.
* The **callback_fn** should be a static function and
* the **callback_ctx** should be a pointer to the stack.
* The **flags** is used to control
certain aspects of the helper.
* Currently, the **flags** must be 0.
*
* The following are a list of supported map types and their
* respective expected callback signatures:
*
* BPF_MAP_TYPE_HASH, BPF_MAP_TYPE_PERCPU_HASH,
* BPF_MAP_TYPE_LRU_HASH, BPF_MAP_TYPE_LRU_PERCPU_HASH,
* BPF_MAP_TYPE_ARRAY, BPF_MAP_TYPE_PERCPU_ARRAY
*
* long (*callback_fn)(struct bpf_map *map, const void *key, void *value, void *ctx);
*
* For per_cpu maps, the map_value is the value on the cpu where the
* bpf_prog is running.
*
* If **callback_fn** return 0, the helper will continue to the next
* element. If return value is 1, the helper will skip the rest of
* elements and return. Other return values are not used now.
*
*
* Returns
* The number of traversed map elements for success, **-EINVAL** for

```

```

* invalid **flags**.
*/
static long (* const bpf_for_each_map_elem)(void *map, void *callback_fn, void *callback_ctx, __u64 flags) =
(void *) 164;

/*
* bpf_snprintf
*
* Outputs a string into the **str** buffer of size **str_size**
* based on a format string stored in a read-only map pointed by
* **fmt**.
*
* Each format specifier in **fmt** corresponds to one u64 element
* in the **data** array. For strings and pointers where pointees
* are accessed, only the pointer values are stored in the *data*
* array. The *data_len* is the size of *data* in bytes - must be
* a multiple of 8.
*
* Formats **%s** and **%p{i,I}{4,6}** require to read kernel
* memory. Reading kernel memory may fail due to either invalid
* address or valid address but requiring a major memory fault. If
* reading kernel memory fails, the string for **%s** will be an
* empty string, and the ip address for **%p{i,I}{4,6}** will be 0.
* Not returning error to bpf program is consistent with what
* **bpf_trace_printk**\ () does for now.
*
*
* Returns
* The strictly positive length of the formatted string, including
* the trailing zero character. If
the return value is greater than
* **str_size**, **str** contains a truncated string, guaranteed to
* be zero-terminated except when **str_size** is 0.
*
* Or **-EBUSY** if the per-CPU memory copy buffer is busy.
*/
static long (* const bpf_snprintf)(char *str, __u32 str_size, const char *fmt, __u64 *data, __u32 data_len) = (void *)
165;

/*
* bpf_sys_bpf
*
* Execute bpf syscall with given arguments.
*
* Returns
* A syscall result.
*/
static long (* const bpf_sys_bpf)(__u32 cmd, void *attr, __u32 attr_size) = (void *) 166;

```

```

/*
 * bpf_btf_find_by_name_kind
 *
 * Find BTF type with given name and kind in vmlinux BTF or in module's BTFs.
 *
 * Returns
 * Returns btf_id and btf_obj_fd in lower and upper 32 bits.
 */
static long (* const bpf_btf_find_by_name_kind)(char *name, int name_sz, __u32 kind, int flags) = (void *) 167;

/*
 * bpf_sys_close
 *
 * Execute close syscall for given FD.
 *
 * Returns
 * A syscall result.
 */
static long (* const bpf_sys_close)(__u32
fd) = (void *) 168;

/*
 * bpf_timer_init
 *
 * Initialize the timer.
 * First 4 bits of *flags* specify clockid.
 * Only CLOCK_MONOTONIC, CLOCK_REALTIME, CLOCK_BOOTTIME are allowed.
 * All other bits of *flags* are reserved.
 * The verifier will reject the program if *timer* is not from
 * the same *map*.
 *
 * Returns
 * 0 on success.
 * **EBUSY** if *timer* is already initialized.
 * **EINVAL** if invalid *flags* are passed.
 * **EPERM** if *timer* is in a map that doesn't have any user references.
 * The user space should either hold a file descriptor to a map with timers
 * or pin such map in bpffs. When map is unpinned or file descriptor is
 * closed all timers in the map will be cancelled and freed.
 */
static long (* const bpf_timer_init)(struct bpf_timer *timer, void *map, __u64 flags) = (void *) 169;

/*
 * bpf_timer_set_callback
 *
 * Configure the timer to call *callback_fn* static function.
 */

```



```

* Returns
* 0 on success.
* **EINVAL** if *timer* was not
    initialized with bpf_timer_init() earlier.
* **EPERM** if *timer* is in a map that doesn't have any user references.
* The user space should either hold a file descriptor to a map with timers
* or pin such map in bpffs. When map is unpinned or file descriptor is
* closed all timers in the map will be cancelled and freed.
*/
static long (* const bpf_timer_set_callback)(struct bpf_timer *timer, void *callback_fn) = (void *) 170;

/*
* bpf_timer_start
*
* Set timer expiration N nanoseconds from the current time. The
* configured callback will be invoked in soft irq context on some cpu
* and will not repeat unless another bpf_timer_start() is made.
* In such case the next invocation can migrate to a different cpu.
* Since struct bpf_timer is a field inside map element the map
* owns the timer. The bpf_timer_set_callback() will increment refcnt
* of BPF program to make sure that callback_fn code stays valid.
* When user space reference to a map reaches zero all
    timers
* in a map are cancelled and corresponding program's refcnts are
* decremented. This is done to make sure that Ctrl-C of a user
* process doesn't leave any timers running. If map is pinned in
* bpffs the callback_fn can re-arm itself indefinitely.
* bpf_map_update/delete_elem() helpers and user space sys_bpf commands
* cancel and free the timer in the given map element.
* The map can contain timers that invoke callback_fn-s from different
* programs. The same callback_fn can serve different timers from
* different maps if key/value layout matches across maps.
* Every bpf_timer_set_callback() can have different callback_fn.
*
* *flags* can be one of:
*
* **BPF_F_TIMER_ABS**
* Start the timer in absolute expire value instead of the
* default relative one.
* **BPF_F_TIMER_CPU_PIN**
* Timer will be pinned to the CPU of the caller.
*
*
* Returns
* 0 on success.
* **EINVAL** if *timer* was not initialized with bpf_timer_init() earlier
* or

```

```

invalid *flags* are passed.
*/
static long (* const bpf_timer_start)(struct bpf_timer *timer, __u64 nsecs, __u64 flags) = (void *) 171;

/*
 * bpf_timer_cancel
 *
 * Cancel the timer and wait for callback_fn to finish if it was running.
 *
 * Returns
 * 0 if the timer was not active.
 * 1 if the timer was active.
 * **EINVAL** if *timer* was not initialized with bpf_timer_init() earlier.
 * **EDEADLK** if callback_fn tried to call bpf_timer_cancel() on its
 * own timer which would have led to a deadlock otherwise.
 */
static long (* const bpf_timer_cancel)(struct bpf_timer *timer) = (void *) 172;

/*
 * bpf_get_func_ip
 *
 * Get address of the traced function (for tracing and kprobe programs).
 *
 * When called for kprobe program attached as uprobe it returns
 * probe address for both entry and return uprobe.
 *
 * Returns
 * Address of the traced function for kprobe.
 * 0 for kprobes placed within the function (not at the entry).
 * Address of the probe for uprobe
 * and return uprobe.
 */
static __u64 (* const bpf_get_func_ip)(void *ctx) = (void *) 173;

/*
 * bpf_get_attach_cookie
 *
 * Get bpf_cookie value provided (optionally) during the program
 * attachment. It might be different for each individual
 * attachment, even if BPF program itself is the same.
 * Expects BPF program context *ctx* as a first argument.
 *
 * Supported for the following program types:
 * - kprobe/uprobe;
 * - tracepoint;
 * - perf_event.
 */

```

```

* Returns
* Value specified by user at BPF link creation/attachment time
* or 0, if it was not specified.
*/
static __u64 (* const bpf_get_attach_cookie)(void *ctx) = (void *) 174;

/*
* bpf_task_pt_regs
*
* Get the struct pt_regs associated with **task**.
*
* Returns
* A pointer to struct pt_regs.
*/
static long (* const bpf_task_pt_regs)(struct task_struct *task) = (void *) 175;

/*
* bpf_get_branch_snapshot
*
* Get branch trace from hardware engines like Intel LBR. The
* hardware engine is stopped
* shortly after the helper is
* called. Therefore, the user need to filter branch entries
* based on the actual use case. To capture branch trace
* before the trigger point of the BPF program, the helper
* should be called at the beginning of the BPF program.
*
* The data is stored as struct perf_branch_entry into output
* buffer *entries*. *size* is the size of *entries* in bytes.
* *flags* is reserved for now and must be zero.
*
*
* Returns
* On success, number of bytes written to *buf*. On error, a
* negative value.
*
* **EINVAL** if *flags* is not zero.
*
* **ENOENT** if architecture does not support branch records.
*/
static long (* const bpf_get_branch_snapshot)(void *entries, __u32 size, __u64 flags) = (void *) 176;

/*
* bpf_trace_vprintk
*
* Behaves like **bpf_trace_printk**\ () helper, but takes an array of u64
* to format and can handle more format args as a result.
*

```

```

* Arguments are to be used as in bpf_seq_printf() helper.
*
*
Returns
* The number of bytes written to the buffer, or a negative error
* in case of failure.
*/
static long (* const bpf_trace_vprintk)(const char *fmt, __u32 fmt_size, const void *data, __u32 data_len) = (void *) 177;

/*
* bpf_skc_to_unix_sock
*
* Dynamically cast a sk pointer to a unix_sock pointer.
*
Returns
* sk if casting is valid, or NULL otherwise.
*/
static struct unix_sock (* const bpf_skc_to_unix_sock)(void *sk) = (void *) 178;

/*
* bpf_kallsyms_lookup_name
*
* Get the address of a kernel symbol, returned in res. res is
* set to 0 if the symbol is not found.
*
Returns
* On success, zero. On error, a negative value.
*
* -EINVAL if flags is not zero.
*
* -EINVAL if string name is not the same size as name_sz.
*
* -ENOENT if symbol is not found.
*
* -EPERM if caller does not have permission to obtain kernel address.
*/
static long (* const bpf_kallsyms_lookup_name)(const char *name, int name_sz, int
flags, __u64 *res) = (void *) 179;

/*
* bpf_find_vma
*
* Find vma of task that contains addr, call callback_fn
* function with task, vma, and callback_ctx.
* The callback_fn should be a static function and
* the callback_ctx should be a pointer to the stack.
* The flags is used to control certain aspects of the helper.

```

```

* Currently, the *flags* must be 0.
*
* The expected callback signature is
*
* long (*callback_fn)(struct task_struct *task, struct vm_area_struct *vma, void *callback_ctx);
*
*
* Returns
* 0 on success.
* **ENOENT** if *task->mm* is NULL, or no vma contains *addr*.
* **EBUSY** if failed to try lock mmap_lock.
* **EINVAL** for invalid **flags**.
*/
static long (* const bpf_find_vma)(struct task_struct *task, __u64 addr, void *callback_fn, void *callback_ctx,
__u64 flags) = (void *) 180;

/*
* bpf_loop
*
* For **nr_loops**, call **callback_fn** function
* with **callback_ctx** as the context parameter.
* The
* **callback_fn** should be a static function and
* the **callback_ctx** should be a pointer to the stack.
* The **flags** is used to control certain aspects of the helper.
* Currently, the **flags** must be 0. Currently, nr_loops is
* limited to 1 << 23 (~8 million) loops.
*
* long (*callback_fn)(u32 index, void *ctx);
*
* where **index** is the current index in the loop. The index
* is zero-indexed.
*
* If **callback_fn** returns 0, the helper will continue to the next
* loop. If return value is 1, the helper will skip the rest of
* the loops and return. Other return values are not used now,
* and will be rejected by the verifier.
*
* Returns
* The number of loops performed, **EINVAL** for invalid **flags**,
* **E2BIG** if **nr_loops** exceeds the maximum number of loops.
*/
static long (* const bpf_loop)(__u32 nr_loops, void *callback_fn, void *callback_ctx, __u64 flags) = (void *) 181;

/*
* bpf_strncmp
*

```

```

* Do strcmp() between **s1** and
**s2**. **s1** doesn't need
* to be null-terminated and **s1_sz** is the maximum storage
* size of **s1**. **s2** must be a read-only string.
*
* Returns
* An integer less than, equal to, or greater than zero
* if the first **s1_sz** bytes of **s1** is found to be
* less than, to match, or be greater than **s2**.
*/
static long (* const bpf_strcmp)(const char *s1, __u32 s1_sz, const char *s2) = (void *) 182;

/*
* bpf_get_func_arg
*
* Get **n**-th argument register (zero based) of the traced function (for tracing programs)
* returned in **value**.
*
*
* Returns
* 0 on success.
* **EINVAL** if n >= argument register count of traced function.
*/
static long (* const bpf_get_func_arg)(void *ctx, __u32 n, __u64 *value) = (void *) 183;

/*
* bpf_get_func_ret
*
* Get return value of the traced function (for tracing programs)
* in **value**.
*
*
* Returns
* 0 on success.
* **EOPNOTSUPP** for tracing programs other than BPF_TRACE_FEXIT or BPF_MODIFY_RETURN.
*/
static long (* const bpf_get_func_ret)(void *ctx, __u64 *value) = (void *) 184;

/*
* bpf_get_func_arg_cnt
*
* Get number of registers of the traced function (for tracing programs) where
* function arguments are stored in these registers.
*
*
* Returns
* The number of argument registers of the traced function.
*/

```

```

static long (* const bpf_get_func_arg_cnt)(void *ctx) = (void *) 185;

/*
 * bpf_get_retval
 *
 * Get the BPF program's return value that will be returned to the upper layers.
 *
 * This helper is currently supported by cgroup programs and only by the hooks
 * where BPF program's return value is returned to the userspace via errno.
 *
 * Returns
 * The BPF program's return value.
 */
static int (* const bpf_get_retval)(void) = (void *) 186;

/*
 * bpf_set_retval
 *
 * Set the BPF program's return value that will be returned to the upper layers.
 *
 * This helper is currently supported by cgroup programs and only by the hooks
 * where BPF program's
 * return value is returned to the userspace via errno.
 *
 * Note that there is the following corner case where the program exports an error
 * via bpf_set_retval but signals success via 'return 1':
 *
 * bpf_set_retval(-EPERM);
 * return 1;
 *
 * In this case, the BPF program's return value will use helper's -EPERM. This
 * still holds true for cgroup/bind{4,6} which supports extra 'return 3' success case.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static int (* const bpf_set_retval)(int retval) = (void *) 187;

/*
 * bpf_xdp_get_buff_len
 *
 * Get the total size of a given xdp buff (linear and paged area)
 *
 * Returns
 * The total size of a given xdp buffer.
 */
static __u64 (* const bpf_xdp_get_buff_len)(struct xdp_md *xdp_md) = (void *) 188;

```

```

/*
 * bpf_xdp_load_bytes
 *
 * This helper is provided as an easy way to load data from a
 * xdp buffer. It can be used to load *len* bytes from *offset* from
 * the frame associated to *xdp_md*,
 * into the buffer pointed by
 * *buf*.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_xdp_load_bytes)(struct xdp_md *xdp_md, __u32 offset, void *buf, __u32 len) = (void *)
189;

/*
 * bpf_xdp_store_bytes
 *
 * Store *len* bytes from buffer *buf* into the frame
 * associated to *xdp_md*, at *offset*.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_xdp_store_bytes)(struct xdp_md *xdp_md, __u32 offset, void *buf, __u32 len) = (void *)
190;

/*
 * bpf_copy_from_user_task
 *
 * Read *size* bytes from user space address *user_ptr* in *tsk*'s
 * address space, and stores the data in *dst*. *flags* is not
 * used yet and is provided for future extensibility. This helper
 * can only be used by sleepable programs.
 *
 * Returns
 * 0 on success, or a negative error in case of failure. On error
 * *dst* buffer is zeroed out.
 */
static long (* const bpf_copy_from_user_task)(void *dst,
__u32 size, const void *user_ptr, struct task_struct *tsk, __u64 flags) = (void *) 191;

/*
 * bpf_skb_set_timestamp
 *
 * Change the __sk_buff->timestamp_type to *timestamp_type*
 * and set *timestamp* to the __sk_buff->timestamp together.

```



```

*
* If there is no need to change the __sk_buff->tstamp_type,
* the tstamp value can be directly written to __sk_buff->tstamp
* instead.
*
* BPF_SKB_TSTAMP_DELIVERY_MONO is the only tstamp that
* will be kept during bpf_redirect_*. A non zero
* *tstamp* must be used with the BPF_SKB_TSTAMP_DELIVERY_MONO
* *tstamp_type*.
*
* A BPF_SKB_TSTAMP_UNSPEC *tstamp_type* can only be used
* with a zero *tstamp*.
*
* Only IPv4 and IPv6 skb->protocol are supported.
*
* This function is most useful when it needs to set a
* mono delivery time to __sk_buff->tstamp and then
* bpf_redirect_() to the egress of an iface. For example,
* changing the (rcv) timestamp in __sk_buff->tstamp at
* ingress to a mono delivery time and then bpf_redirect_()
* to sch_fq@phy-dev.
*
* Returns
* 0 on success.
* **EINVAL** for invalid input
* **EOPNOTSUPP** for unsupported protocol
*/
static long (* const bpf_skb_set_tstamp)(struct __sk_buff *skb, __u64 tstamp, __u32 tstamp_type) = (void *) 192;

/*
* bpf_ima_file_hash
*
* Returns a calculated IMA hash of the *file*.
* If the hash is larger than *size*, then only *size*
* bytes will be copied to *dst*
*
* Returns
* The **hash_algo** is returned on success,
* **EOPNOTSUPP** if the hash calculation failed or **EINVAL** if
* invalid arguments are passed.
*/
static long (* const bpf_ima_file_hash)(struct file *file, void *dst, __u32 size) = (void *) 193;

/*
* bpf_kptr_xchg
*
* Exchange kptr at pointer *map_value* with *ptr*, and return the
* old value. *ptr* can be NULL, otherwise it must be a referenced

```

```

* pointer which will be released when this helper is called.
*
* Returns
* The old value of kptr (which can be NULL). The returned pointer
* if
not NULL, is a reference which must be released using its
* corresponding release function, or moved into a BPF map before
* program exit.
*/
static void (* const bpf_kptr_xchg)(void *map_value, void *ptr) = (void *) 194;

/*
* bpf_map_lookup_percpu_elem
*
* Perform a lookup in *percpu map* for an entry associated to
* *key* on *cpu*.
*
* Returns
* Map value associated to *key* on *cpu*, or **NULL** if no entry
* was found or *cpu* is invalid.
*/
static void (* const bpf_map_lookup_percpu_elem)(void *map, const void *key, __u32 cpu) = (void *) 195;

/*
* bpf_skc_to_mptcp_sock
*
* Dynamically cast a *sk* pointer to a *mptcp_sock* pointer.
*
* Returns
* *sk* if casting is valid, or **NULL** otherwise.
*/
static struct mptcp_sock (* const bpf_skc_to_mptcp_sock)(void *sk) = (void *) 196;

/*
* bpf_dynptr_from_mem
*
* Get a dynptr to local memory *data*.
*
* *data* must be a ptr to a map value.
* The maximum *size* supported is DYNPTR_MAX_SIZE.
* *flags*
is currently unused.
*
* Returns
* 0 on success, -E2BIG if the size exceeds DYNPTR_MAX_SIZE,
* -EINVAL if flags is not 0.
*/
static long (* const bpf_dynptr_from_mem)(void *data, __u32 size, __u64 flags, struct bpf_dynptr *ptr) = (void *)

```

197;

```
/*
 * bpf_ringbuf_reserve_dynptr
 *
 * Reserve *size* bytes of payload in a ring buffer *ringbuf*
 * through the dynptr interface. *flags* must be 0.
 *
 * Please note that a corresponding bpf_ringbuf_submit_dynptr or
 * bpf_ringbuf_discard_dynptr must be called on *ptr*, even if the
 * reservation fails. This is enforced by the verifier.
 *
 * Returns
 * 0 on success, or a negative error in case of failure.
 */
static long (* const bpf_ringbuf_reserve_dynptr)(void *ringbuf, __u32 size, __u64 flags, struct bpf_dynptr *ptr) =
(void *) 198;

/*
 * bpf_ringbuf_submit_dynptr
 *
 * Submit reserved ring buffer sample, pointed to by *data*,
 * through the dynptr interface. This is a no-op if the dynptr is
 * invalid/null.
 *
 *
 * For more information on *flags*, please see
 * 'bpf_ringbuf_submit'.
 *
 * Returns
 * Nothing. Always succeeds.
 */
static void (* const bpf_ringbuf_submit_dynptr)(struct bpf_dynptr *ptr, __u64 flags) = (void *) 199;

/*
 * bpf_ringbuf_discard_dynptr
 *
 * Discard reserved ring buffer sample through the dynptr
 * interface. This is a no-op if the dynptr is invalid/null.
 *
 * For more information on *flags*, please see
 * 'bpf_ringbuf_discard'.
 *
 * Returns
 * Nothing. Always succeeds.
 */
static void (* const bpf_ringbuf_discard_dynptr)(struct bpf_dynptr *ptr, __u64 flags) = (void *) 200;
```

```

/*
 * bpf_dynptr_read
 *
 * Read *len* bytes from *src* into *dst*, starting from *offset*
 * into *src*.
 * *flags* is currently unused.
 *
 * Returns
 * 0 on success, -E2BIG if *offset* + *len* exceeds the length
 * of *src*'s data, -EINVAL if *src* is an invalid dynptr or if
 * *flags* is not 0.
 */
static long (* const bpf_dynptr_read)(void *dst, __u32 len, const struct bpf_dynptr
*src, __u32 offset, __u64 flags) = (void *) 201;

/*
 * bpf_dynptr_write
 *
 * Write *len* bytes from *src* into *dst*, starting from *offset*
 * into *dst*.
 *
 * *flags* must be 0 except for skb-type dynptrs.
 *
 * For skb-type dynptrs:
 *   * All data slices of the dynptr are automatically
 *   invalidated after **bpf_dynptr_write**(). This is
 *   because writing may pull the skb and change the
 *   underlying packet buffer.
 *
 *   * For *flags*, please see the flags accepted by
 *   **bpf_skb_store_bytes**().
 *
 * Returns
 * 0 on success, -E2BIG if *offset* + *len* exceeds the length
 * of *dst*'s data, -EINVAL if *dst* is an invalid dynptr or if *dst*
 * is a read-only dynptr or if *flags* is not correct. For skb-type dynptrs,
 * other errors correspond to errors returned by **bpf_skb_store_bytes**().
 */
static long (* const bpf_dynptr_write)(const struct bpf_dynptr *dst, __u32 offset, void *src, __u32 len, __u64 flags)
= (void *)
202;

/*
 * bpf_dynptr_data
 *
 * Get a pointer to the underlying dynptr data.
 *
 * *len* must be a statically known value. The returned data slice

```

```

* is invalidated whenever the dynptr is invalidated.
*
* skb and xdp type dynptrs may not use bpf_dynptr_data. They should
* instead use bpf_dynptr_slice and bpf_dynptr_slice_rdwr.
*
* Returns
* Pointer to the underlying dynptr data, NULL if the dynptr is
* read-only, if the dynptr is invalid, or if the offset and length
* is out of bounds.
*/
static void *(* const bpf_dynptr_data)(const struct bpf_dynptr *ptr, __u32 offset, __u32 len) = (void *) 203;

/*
* bpf_tcp_raw_gen_syncookie_ipv4
*
* Try to issue a SYN cookie for the packet with corresponding
* IPv4/TCP headers, *iph* and *th*, without depending on a
* listening socket.
*
* *iph* points to the IPv4 header.
*
* *th* points to the start of the TCP header, while *th_len*
* contains the length of the TCP header (at least
* **sizeof**\ (**struct tcphdr**)).
*
* Returns
* On success, lower 32 bits hold the generated SYN cookie in
* followed by 16 bits which hold the MSS value for that cookie,
* and the top 16 bits are unused.
*
* On failure, the returned value is one of the following:
*
* **EINVAL** if *th_len* is invalid.
*/
static __s64 (* const bpf_tcp_raw_gen_syncookie_ipv4)(struct iphdr *iph, struct tcphdr *th, __u32 th_len) = (void *) 204;

/*
* bpf_tcp_raw_gen_syncookie_ipv6
*
* Try to issue a SYN cookie for the packet with corresponding
* IPv6/TCP headers, *iph* and *th*, without depending on a
* listening socket.
*
* *iph* points to the IPv6 header.
*
* *th* points to the start of the TCP header, while *th_len*
* contains the length of the TCP header (at least

```

```

* **sizeof**\ (**struct tcphdr**).
*
* Returns
* On success, lower 32 bits hold the generated SYN cookie in
* followed by 16 bits which hold the MSS value for that cookie,
* and the top 16 bits are unused.
*
* On failure,
the returned value is one of the following:
*
* **-EINVAL** if *th_len* is invalid.
*
* **-EPROTONOSUPPORT** if CONFIG_IPV6 is not builtin.
*/
static __s64 (* const bpf_tcp_raw_gen_syncookie_ipv6)(struct ipv6hdr *iph, struct tcphdr *th, __u32 th_len) =
(void *) 205;

/*
* bpf_tcp_raw_check_syncookie_ipv4
*
* Check whether *iph* and *th* contain a valid SYN cookie ACK
* without depending on a listening socket.
*
* *iph* points to the IPv4 header.
*
* *th* points to the TCP header.
*
* Returns
* 0 if *iph* and *th* are a valid SYN cookie ACK.
*
* On failure, the returned value is one of the following:
*
* **-EACCES** if the SYN cookie is not valid.
*/
static long (* const bpf_tcp_raw_check_syncookie_ipv4)(struct iphdr *iph, struct tcphdr *th) = (void *) 206;

/*
* bpf_tcp_raw_check_syncookie_ipv6
*
* Check whether *iph* and *th* contain a valid SYN cookie ACK
* without depending on a listening socket.
*
* *iph* points to the IPv6 header.
*
* *th*
points to the TCP header.
*
* Returns

```

```

* 0 if *iph* and *th* are a valid SYN cookie ACK.
*
* On failure, the returned value is one of the following:
*
* **-EACCES** if the SYN cookie is not valid.
*
* **-EPROTONOSUPPORT** if CONFIG_IPV6 is not builtin.
*/
static long (* const bpf_tcp_raw_check_syncookie_ipv6)(struct ipv6hdr *iph, struct tcphdr *th) = (void *) 207;

/*
* bpf_ktime_get_tai_ns
*
* A nonsettable system-wide clock derived from wall-clock time but
* ignoring leap seconds. This clock does not experience
* discontinuities and backwards jumps caused by NTP inserting leap
* seconds as CLOCK_REALTIME does.
*
* See: **clock_gettime**\ (**CLOCK_TAI**)
*
* Returns
* Current *ktime*.
*/
static __u64 (* const bpf_ktime_get_tai_ns)(void) = (void *) 208;

/*
* bpf_user_ringbuf_drain
*
* Drain samples from the specified user ring buffer, and invoke
* the provided callback for each such sample:
*
* long (*callback_fn)(const struct bpf_dynptr *dynptr,
* void *ctx);
*
* If **callback_fn** returns 0, the helper will continue to try
* and drain the next sample, up to a maximum of
* BPF_MAX_USER_RINGBUF_SAMPLES samples. If the return value is 1,
* the helper will skip the rest of the samples and return. Other
* return values are not used now, and will be rejected by the
* verifier.
*
* Returns
* The number of drained samples if no error was encountered while
* draining samples, or 0 if no samples were present in the ring
* buffer. If a user-space producer was epoll-waiting on this map,
* and at least one sample was drained, they will receive an event
* notification notifying them of available space in the ring
* buffer. If the BPF_RB_NO_WAKEUP flag is passed to this

```

```

* function, no wakeup notification will be sent. If the
* BPF_RB_FORCE_WAKEUP flag is passed, a wakeup notification will
* be sent even if no sample was drained.
*
* On failure, the returned value is one of the following:
*
* ** -EBUSY**
if the ring buffer is contended, and another calling
* context was concurrently draining the ring buffer.
*
* ** -EINVAL** if user-space is not properly tracking the ring
* buffer due to the producer position not being aligned to 8
* bytes, a sample not being aligned to 8 bytes, or the producer
* position not matching the advertised length of a sample.
*
* ** -E2BIG** if user-space has tried to publish a sample which is
* larger than the size of the ring buffer, or which cannot fit
* within a struct bpf_dynptr.
*/
static long (* const bpf_user_ringbuf_drain)(void *map, void *callback_fn, void *ctx, __u64 flags) = (void *) 209;

/*
* bpf_cgrp_storage_get
*
* Get a bpf_local_storage from the *cgroup*.
*
* Logically, it could be thought of as getting the value from
* a *map* with *cgroup* as the **key**. From this
* perspective, the usage is not much different from
* **bpf_map_lookup_elem**(*map*, **&*\ *cgroup*) except this
* helper enforces the
key must be a cgroup struct and the map must also
* be a **BPF_MAP_TYPE_CGRP_STORAGE**.
*
* In reality, the local-storage value is embedded directly inside of the
* *cgroup* object itself, rather than being located in the
* **BPF_MAP_TYPE_CGRP_STORAGE** map. When the local-storage value is
* queried for some *map* on a *cgroup* object, the kernel will perform an
* O(n) iteration over all of the live local-storage values for that
* *cgroup* object until the local-storage value for the *map* is found.
*
* An optional *flags* (**BPF_LOCAL_STORAGE_GET_F_CREATE**) can be
* used such that a new bpf_local_storage will be
* created if one does not exist. *value* can be used
* together with **BPF_LOCAL_STORAGE_GET_F_CREATE** to specify
* the initial value of a bpf_local_storage. If *value* is
* **NULL**, the new bpf_local_storage will be zero initialized.
*

```



```

* Returns
* A bpf_local_storage pointer is returned on success.
*
* **NULL** if not found or there was
an error in adding
* a new bpf_local_storage.
*/
static void (* const bpf_cgrp_storage_get)(void *map, struct cgroup *cgroup, void *value, __u64 flags) = (void *)
210;

/*
* bpf_cgrp_storage_delete
*
* Delete a bpf_local_storage from a *cgroup*.
*
* Returns
* 0 on success.
*
* **-ENOENT** if the bpf_local_storage cannot be found.
*/
static long (* const bpf_cgrp_storage_delete)(void *map, struct cgroup *cgroup) = (void *) 211;
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```

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```
/* SPDX-License-Identifier: (LGPL-2.1 OR BSD-2-Clause) */
```

```
#ifndef __BPF_TRACING_H__
#define __BPF_TRACING_H__
```

```
#include "bpf_helpers.h"
```

```
/* Scan the ARCH passed in from ARCH env variable (see Makefile) */
```

```
#if defined(__TARGET_ARCH_x86)
#define bpf_target_x86
#define bpf_target_defined
#elif defined(__TARGET_ARCH_s390)
#define bpf_target_s390
#define bpf_target_defined
#elif defined(__TARGET_ARCH_arm)
#define bpf_target_arm
#define bpf_target_defined
#elif defined(__TARGET_ARCH_arm64)
#define bpf_target_arm64
#define bpf_target_defined
#elif defined(__TARGET_ARCH_mips)
#define bpf_target_mips
#define bpf_target_defined
#elif defined(__TARGET_ARCH_powerpc)
#define bpf_target_powerpc
#define bpf_target_defined
#elif defined(__TARGET_ARCH_sparc)
#define bpf_target_sparc
#define bpf_target_defined
#elif defined(__TARGET_ARCH_riscv)
#define bpf_target_riscv
#define bpf_target_defined
#elif defined(__TARGET_ARCH_arc)
#define bpf_target_arc
#define bpf_target_defined
```

```

#elif defined(__TARGET_ARCH_loongarch)
#define
bpf_target_loongarch
#define bpf_target_defined
#else

/* Fall back to what the compiler says */
#if defined(__x86_64__)
#define bpf_target_x86
#define bpf_target_defined
#elif defined(__s390__)
#define bpf_target_s390
#define bpf_target_defined
#elif defined(__arm__)
#define bpf_target_arm
#define bpf_target_defined
#elif defined(__aarch64__)
#define bpf_target_arm64
#define bpf_target_defined
#elif defined(__mips__)
#define bpf_target_mips
#define bpf_target_defined
#elif defined(__powerpc__)
#define bpf_target_powerpc
#define bpf_target_defined
#elif defined(__sparc__)
#define bpf_target_sparc
#define bpf_target_defined
#elif defined(__riscv) && __riscv_xlen == 64
#define bpf_target_riscv
#define bpf_target_defined
#elif defined(__arc__)
#define bpf_target_arc
#define bpf_target_defined
#elif defined(__loongarch__)
#define bpf_target_loongarch
#define bpf_target_defined
#endif /* no compiler target */

#endif

#ifndef __BPF_TARGET_MISSING
#define
__BPF_TARGET_MISSING "GCC error \"Must specify a BPF target arch via __TARGET_ARCH_xxx\""
#endif

#if defined(bpf_target_x86)

```

```

/*
 * https://en.wikipedia.org/wiki/X86_calling_conventions#System_V_AMD64_ABI
 */

#if defined(__KERNEL__) || defined(__VMLINUX_H__)

#define __PT_PARM1_REG di
#define __PT_PARM2_REG si
#define __PT_PARM3_REG dx
#define __PT_PARM4_REG cx
#define __PT_PARM5_REG r8
#define __PT_PARM6_REG r9
/*
 * Syscall uses r10 for PARM4. See arch/x86/entry/entry_64.S:entry_SYSCALL_64
 * comments in Linux sources. And refer to syscall(2) manpage.
 */
#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG r10
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG

#define __PT_RET_REG sp
#define __PT_FP_REG bp
#define __PT_RC_REG ax
#define __PT_SP_REG sp
#define __PT_IP_REG ip

#else

#ifdef __i386__

/*
 * i386 kernel is built with -mregparm=3 */
#define __PT_PARM1_REG eax
#define __PT_PARM2_REG edx
#define __PT_PARM3_REG ecx
/* i386 syscall ABI is very different, refer to syscall(2) manpage */
#define __PT_PARM1_SYSCALL_REG ebx
#define __PT_PARM2_SYSCALL_REG ecx
#define __PT_PARM3_SYSCALL_REG edx
#define __PT_PARM4_SYSCALL_REG esi
#define __PT_PARM5_SYSCALL_REG edi
#define __PT_PARM6_SYSCALL_REG ebp

#define __PT_RET_REG esp
#define __PT_FP_REG ebp

```

```

#define __PT_RC_REG eax
#define __PT_SP_REG esp
#define __PT_IP_REG eip

#else /* __i386__ */

#define __PT_PARM1_REG rdi
#define __PT_PARM2_REG rsi
#define __PT_PARM3_REG rdx
#define __PT_PARM4_REG rcx
#define __PT_PARM5_REG r8
#define __PT_PARM6_REG r9

#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG r10
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG

#define __PT_RET_REG rsp
#define
__PT_FP_REG rbp
#define __PT_RC_REG rax
#define __PT_SP_REG rsp
#define __PT_IP_REG rip

#endif /* __i386__ */

#endif /* __KERNEL__ || __VMLINUX_H__ */

#elif defined(bpf_target_s390)

/*
 * https://github.com/IBM/s390x-abi/releases/download/v1.6/lzsabi_s390x.pdf
 */

struct pt_regs__s390 {
    unsigned long orig_gpr2;
};

/* s390 provides user_pt_regs instead of struct pt_regs to userspace */
#define __PT_REGS_CAST(x) ((const user_pt_regs*)(x))
#define __PT_PARM1_REG gprs[2]
#define __PT_PARM2_REG gprs[3]
#define __PT_PARM3_REG gprs[4]
#define __PT_PARM4_REG gprs[5]
#define __PT_PARM5_REG gprs[6]

```

```

#define __PT_PARM1_SYSCALL_REG orig_gpr2
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG gprs[7]
#define PT_REGS_PARM1_SYSCALL(x) PT_REGS_PARM1_CORE_SYSCALL(x)
#define PT_REGS_PARM1_CORE_SYSCALL(x) \
    BPF_CORE_READ((const
struct pt_regs____s390 *) (x), __PT_PARM1_SYSCALL_REG)

#define __PT_RET_REG gprs[14]
#define __PT_FP_REG gprs[11] /* Works only with CONFIG_FRAME_POINTER */
#define __PT_RC_REG gprs[2]
#define __PT_SP_REG gprs[15]
#define __PT_IP_REG psw.addr

#elif defined(bpf_target_arm)

/*
 * https://github.com/ARM-software/abi-aa/blob/main/aapcs32/aapcs32.rst#machine-registers
 */

#define __PT_PARM1_REG uregs[0]
#define __PT_PARM2_REG uregs[1]
#define __PT_PARM3_REG uregs[2]
#define __PT_PARM4_REG uregs[3]

#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG uregs[4]
#define __PT_PARM6_SYSCALL_REG uregs[5]
#define __PT_PARM7_SYSCALL_REG uregs[6]

#define __PT_RET_REG uregs[14]
#define __PT_FP_REG uregs[11] /* Works only with CONFIG_FRAME_POINTER */
#define __PT_RC_REG uregs[0]
#define __PT_SP_REG uregs[13]
#define __PT_IP_REG uregs[12]

#elif
defined(bpf_target_arm64)

/*
 * https://github.com/ARM-software/abi-aa/blob/main/aapcs64/aapcs64.rst#machine-registers

```

```

*/

struct pt_regs__arm64 {
    unsigned long orig_x0;
};

/* arm64 provides struct user_pt_regs instead of struct pt_regs to userspace */
#define __PT_REGS_CAST(x) ((const struct user_pt_regs *) (x))
#define __PT_PARM1_REG regs[0]
#define __PT_PARM2_REG regs[1]
#define __PT_PARM3_REG regs[2]
#define __PT_PARM4_REG regs[3]
#define __PT_PARM5_REG regs[4]
#define __PT_PARM6_REG regs[5]
#define __PT_PARM7_REG regs[6]
#define __PT_PARM8_REG regs[7]

#define __PT_PARM1_SYSCALL_REG orig_x0
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG
#define PT_REGS_PARM1_SYSCALL(x) PT_REGS_PARM1_CORE_SYSCALL(x)
#define PT_REGS_PARM1_CORE_SYSCALL(x) \
    BPF_CORE_READ((const struct pt_regs__arm64 *) (x), \
        __PT_PARM1_SYSCALL_REG)

#define __PT_RET_REG regs[30]
#define __PT_FP_REG regs[29] /* Works only with CONFIG_FRAME_POINTER */
#define __PT_RC_REG regs[0]
#define __PT_SP_REG sp
#define __PT_IP_REG pc

#ifdef bpf_target_mips

/*
 * N64 ABI is assumed right now.
 * https://en.wikipedia.org/wiki/MIPS\_architecture#Calling\_conventions
 */

#define __PT_PARM1_REG regs[4]
#define __PT_PARM2_REG regs[5]
#define __PT_PARM3_REG regs[6]
#define __PT_PARM4_REG regs[7]
#define __PT_PARM5_REG regs[8]
#define __PT_PARM6_REG regs[9]
#define __PT_PARM7_REG regs[10]

```

```

#define __PT_PARM8_REG regs[11]

#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG /* only N32/N64 */
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG /* only N32/N64 */

#define __PT_RET_REG regs[31]
#define __PT_FP_REG regs[30] /* Works only with CONFIG_FRAME_POINTER
*/
#define __PT_RC_REG regs[2]
#define __PT_SP_REG regs[29]
#define __PT_IP_REG cp0_epc

#elif defined(bpf_target_powerpc)

/*
* http://refspecs.linux-foundation.org/elf/elfspec\_ppc.pdf (page 3-14,
* section "Function Calling Sequence")
*/

#define __PT_PARM1_REG gpr[3]
#define __PT_PARM2_REG gpr[4]
#define __PT_PARM3_REG gpr[5]
#define __PT_PARM4_REG gpr[6]
#define __PT_PARM5_REG gpr[7]
#define __PT_PARM6_REG gpr[8]
#define __PT_PARM7_REG gpr[9]
#define __PT_PARM8_REG gpr[10]

/* powerpc does not select ARCH_HAS_SYSCALL_WRAPPER. */
#define PT_REGS_SYSCALL_REGS(ctx) ctx
#define __PT_PARM1_SYSCALL_REG orig_gpr3
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG
#if !defined(__arch64__)
#define __PT_PARM7_SYSCALL_REG __PT_PARM7_REG /* only powerpc (not powerpc64) */
#endif

#define __PT_RET_REG regs[31]
#define
__PT_FP_REG __unsupported__
#define __PT_RC_REG gpr[3]

```



```

#define __PT_SP_REG sp
#define __PT_IP_REG nip

#ifdef bpf_target_sparc

/*
 * https://en.wikipedia.org/wiki/Calling_convention#SPARC
 */

#define __PT_PARM1_REG u_regs[UREG_I0]
#define __PT_PARM2_REG u_regs[UREG_I1]
#define __PT_PARM3_REG u_regs[UREG_I2]
#define __PT_PARM4_REG u_regs[UREG_I3]
#define __PT_PARM5_REG u_regs[UREG_I4]
#define __PT_PARM6_REG u_regs[UREG_I5]

#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG

#define __PT_RET_REG u_regs[UREG_I7]
#define __PT_FP_REG __unsupported__
#define __PT_RC_REG u_regs[UREG_I0]
#define __PT_SP_REG u_regs[UREG_FP]
/* Should this also be a bpf_target check for the sparc case? */
#ifdef __arch64__
#define __PT_IP_REG tpc
#else
#define
__PT_IP_REG pc
#endif

#ifdef bpf_target_riscv

/*
 * https://github.com/riscv-non-isa/riscv-elf-psabi-doc/blob/master/riscv-cc.adoc#risc-v-calling-conventions
 */

/* riscv provides struct user_regs_struct instead of struct pt_regs to userspace */
#define __PT_REGS_CAST(x) ((const struct user_regs_struct*)(x))
#define __PT_PARM1_REG a0
#define __PT_PARM2_REG a1
#define __PT_PARM3_REG a2
#define __PT_PARM4_REG a3
#define __PT_PARM5_REG a4

```

```

#define __PT_PARM6_REG a5
#define __PT_PARM7_REG a6
#define __PT_PARM8_REG a7

#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG

#define __PT_RET_REG ra
#define __PT_FP_REG s0
#define __PT_RC_REG a0
#define __PT_SP_REG sp
#define __PT_IP_REG pc

#elif defined(bpf_target_arc)

/*
 * Section "Function Calling Sequence" (page
 * 24):
 * https://raw.githubusercontent.com/foss-for-synopsys-dwc-arc-processors/toolchain/files/ARCV2\_ABI.pdf
 */

/* arc provides struct user_regs_struct instead of struct pt_regs to userspace */
#define __PT_REGS_CAST(x) ((const struct user_regs_struct *)(x))
#define __PT_PARM1_REG scratch.r0
#define __PT_PARM2_REG scratch.r1
#define __PT_PARM3_REG scratch.r2
#define __PT_PARM4_REG scratch.r3
#define __PT_PARM5_REG scratch.r4
#define __PT_PARM6_REG scratch.r5
#define __PT_PARM7_REG scratch.r6
#define __PT_PARM8_REG scratch.r7

/* arc does not select ARCH_HAS_SYSCALL_WRAPPER. */
#define PT_REGS_SYSCALL_REGS(ctx) ctx
#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG __PT_PARM6_REG

#define __PT_RET_REG scratch.blink
#define __PT_FP_REG scratch.fp
#define __PT_RC_REG scratch.r0

```

```

#define
__PT_SP_REG scratch.sp
#define __PT_IP_REG scratch.ret

#elif defined(bpf_target_loongarch)

/*
 * https://docs.kernel.org/loongarch/introduction.html
 * https://loongson.github.io/LoongArch-Documentation/LoongArch-ELF-ABI-EN.html
 */

/* loongarch provides struct user_pt_regs instead of struct pt_regs to userspace */
#define __PT_REGS_CAST(x) ((const struct user_pt_regs *) (x))
#define __PT_PARM1_REG regs[4]
#define __PT_PARM2_REG regs[5]
#define __PT_PARM3_REG regs[6]
#define __PT_PARM4_REG regs[7]
#define __PT_PARM5_REG regs[8]
#define __PT_PARM6_REG regs[9]
#define __PT_PARM7_REG regs[10]
#define __PT_PARM8_REG regs[11]

/* loongarch does not select ARCH_HAS_SYSCALL_WRAPPER. */
#define PT_REGS_SYSCALL_REGS(ctx) ctx
#define __PT_PARM1_SYSCALL_REG __PT_PARM1_REG
#define __PT_PARM2_SYSCALL_REG __PT_PARM2_REG
#define __PT_PARM3_SYSCALL_REG __PT_PARM3_REG
#define __PT_PARM4_SYSCALL_REG __PT_PARM4_REG
#define __PT_PARM5_SYSCALL_REG __PT_PARM5_REG
#define __PT_PARM6_SYSCALL_REG
__PT_PARM6_REG

#define __PT_RET_REG regs[1]
#define __PT_FP_REG regs[22]
#define __PT_RC_REG regs[4]
#define __PT_SP_REG regs[3]
#define __PT_IP_REG csr_era

#endif

#if defined(bpf_target_defined)

struct pt_regs;

/* allow some architectures to override `struct pt_regs` */
#ifndef __PT_REGS_CAST
#define __PT_REGS_CAST(x) (x)
#endif

```

```

/*
 * Different architectures support different number of arguments passed
 * through registers. i386 supports just 3, some arches support up to 8.
 */
#ifndef __PT_PARM4_REG
#define __PT_PARM4_REG __unsupported__
#endif
#ifndef __PT_PARM5_REG
#define __PT_PARM5_REG __unsupported__
#endif
#ifndef __PT_PARM6_REG
#define __PT_PARM6_REG __unsupported__
#endif
#ifndef __PT_PARM7_REG
#define __PT_PARM7_REG __unsupported__
#endif
#ifndef __PT_PARM8_REG
#define __PT_PARM8_REG __unsupported__
#endif
/*
 * Similarly, syscall-specific conventions might differ between function call
 * conventions within each architecture. All supported architectures pass
 * either
 * 6 or 7 syscall arguments in registers.
 *
 * See syscall(2) manpage for succinct table with information on each arch.
 */
#ifndef __PT_PARM7_SYSCALL_REG
#define __PT_PARM7_SYSCALL_REG __unsupported__
#endif

#define PT_REGS_PARM1(x) (__PT_REGS_CAST(x)->__PT_PARM1_REG)
#define PT_REGS_PARM2(x) (__PT_REGS_CAST(x)->__PT_PARM2_REG)
#define PT_REGS_PARM3(x) (__PT_REGS_CAST(x)->__PT_PARM3_REG)
#define PT_REGS_PARM4(x) (__PT_REGS_CAST(x)->__PT_PARM4_REG)
#define PT_REGS_PARM5(x) (__PT_REGS_CAST(x)->__PT_PARM5_REG)
#define PT_REGS_PARM6(x) (__PT_REGS_CAST(x)->__PT_PARM6_REG)
#define PT_REGS_PARM7(x) (__PT_REGS_CAST(x)->__PT_PARM7_REG)
#define PT_REGS_PARM8(x) (__PT_REGS_CAST(x)->__PT_PARM8_REG)
#define PT_REGS_RET(x) (__PT_REGS_CAST(x)->__PT_RET_REG)
#define PT_REGS_FP(x) (__PT_REGS_CAST(x)->__PT_FP_REG)
#define PT_REGS_RC(x) (__PT_REGS_CAST(x)->__PT_RC_REG)
#define PT_REGS_SP(x) (__PT_REGS_CAST(x)->__PT_SP_REG)
#define PT_REGS_IP(x) (__PT_REGS_CAST(x)->__PT_IP_REG)

#define PT_REGS_PARM1_CORE(x)

```

```

BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM1_REG)
#define PT_REGS_PARM2_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM2_REG)
#define PT_REGS_PARM3_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM3_REG)
#define PT_REGS_PARM4_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM4_REG)
#define PT_REGS_PARM5_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM5_REG)
#define PT_REGS_PARM6_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM6_REG)
#define PT_REGS_PARM7_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM7_REG)
#define PT_REGS_PARM8_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_PARM8_REG)
#define PT_REGS_RET_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_RET_REG)
#define PT_REGS_FP_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_FP_REG)
#define PT_REGS_RC_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_RC_REG)
#define PT_REGS_SP_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_SP_REG)
#define PT_REGS_IP_CORE(x) BPF_CORE_READ(__PT_REGS_CAST(x), __PT_IP_REG)

#if defined(bpf_target_powerpc)

#define
BPF_KPROBE_READ_RET_IP(ip, ctx) ({ (ip) = (ctx)->link; })
#define BPF_KRETPROBE_READ_RET_IP BPF_KPROBE_READ_RET_IP

#elif defined(bpf_target_sparc)

#define BPF_KPROBE_READ_RET_IP(ip, ctx) ({ (ip) = PT_REGS_RET(ctx); })
#define BPF_KRETPROBE_READ_RET_IP BPF_KPROBE_READ_RET_IP

#else

#define BPF_KPROBE_READ_RET_IP(ip, ctx) \
({ bpf_probe_read_kernel(&(ip), sizeof(ip), (void *)PT_REGS_RET(ctx)); })
#define BPF_KRETPROBE_READ_RET_IP(ip, ctx) \
({ bpf_probe_read_kernel(&(ip), sizeof(ip), (void *) (PT_REGS_FP(ctx) + sizeof(ip))); })

#endif

#ifndef PT_REGS_PARM1_SYSCALL
#define PT_REGS_PARM1_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM1_SYSCALL_REG)
#define PT_REGS_PARM1_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x), \
__PT_PARM1_SYSCALL_REG)
#endif
#ifndef PT_REGS_PARM2_SYSCALL
#define PT_REGS_PARM2_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM2_SYSCALL_REG)
#define PT_REGS_PARM2_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x), \
__PT_PARM2_SYSCALL_REG)
#endif
#ifndef
PT_REGS_PARM3_SYSCALL
#define PT_REGS_PARM3_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM3_SYSCALL_REG)
#define PT_REGS_PARM3_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x),

```

```

__PT_PARM3_SYSCALL_REG)
#endif
#ifndef PT_REGS_PARM4_SYSCALL
#define PT_REGS_PARM4_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM4_SYSCALL_REG)
#define PT_REGS_PARM4_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x),
__PT_PARM4_SYSCALL_REG)
#endif
#ifndef PT_REGS_PARM5_SYSCALL
#define PT_REGS_PARM5_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM5_SYSCALL_REG)
#define PT_REGS_PARM5_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x),
__PT_PARM5_SYSCALL_REG)
#endif
#ifndef PT_REGS_PARM6_SYSCALL
#define PT_REGS_PARM6_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM6_SYSCALL_REG)
#define PT_REGS_PARM6_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x),
__PT_PARM6_SYSCALL_REG)
#endif
#ifndef PT_REGS_PARM7_SYSCALL
#define PT_REGS_PARM7_SYSCALL(x) (__PT_REGS_CAST(x)->__PT_PARM7_SYSCALL_REG)
#define PT_REGS_PARM7_CORE_SYSCALL(x) BPF_CORE_READ(__PT_REGS_CAST(x),
__PT_PARM7_SYSCALL_REG)
#endif

#else /* defined(bpf_target_defined) */

#define PT_REGS_PARM1(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM2(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM3(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM4(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM5(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM6(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM7(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM8(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_RET(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_FP(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_RC(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_SP(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_IP(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })

#define PT_REGS_PARM1_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l;
})
#define PT_REGS_PARM2_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM3_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM4_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM5_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM6_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM7_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM8_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })

```

```

#define PT_REGS_RET_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_FP_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_RC_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_SP_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_IP_CORE(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })

#define BPF_KPROBE_READ_RET_IP(ip, ctx) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define BPF_KRETPROBE_READ_RET_IP(ip, ctx) ({ _Pragma(__BPF_TARGET_MISSING);
0l; })

#define PT_REGS_PARM1_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM2_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM3_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM4_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM5_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM6_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM7_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })

#define PT_REGS_PARM1_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM2_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM3_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM4_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM5_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define PT_REGS_PARM6_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })
#define
PT_REGS_PARM7_CORE_SYSCALL(x) ({ _Pragma(__BPF_TARGET_MISSING); 0l; })

#endif /* defined(bpf_target_defined) */

/*
 * When invoked from a syscall handler kprobe, returns a pointer to a
 * struct pt_regs containing syscall arguments and suitable for passing to
 * PT_REGS_PARMn_SYSCALL() and PT_REGS_PARMn_CORE_SYSCALL().
 */
#ifndef PT_REGS_SYSCALL_REGS
/* By default, assume that the arch selects ARCH_HAS_SYSCALL_WRAPPER. */
#define PT_REGS_SYSCALL_REGS(ctx) ((struct pt_regs *)PT_REGS_PARM1(ctx))
#endif

#ifndef __bpf_concat
#define __bpf_concat(a, b) a ## b
#endif
#ifndef __bpf_apply
#define __bpf_apply(fn, n) __bpf_concat(fn, n)
#endif
#ifndef __bpf_nth
#define __bpf_nth(, _1, _2, _3, _4, _5, _6, _7, _8, _9, _a, _b, _c, N, ...) N
#endif

```

```

#ifndef __bpf_narg
#define __bpf_narg(...) __bpf_nth(, ##__VA_ARGS__, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0)
#endif

#define __bpf_ctx_cast0()      ctx
#define __bpf_ctx_cast1(x)     __bpf_ctx_cast0(), (void *)ctx[0]
#define
__bpf_ctx_cast2(x, args...) __bpf_ctx_cast1(args), (void *)ctx[1]
#define __bpf_ctx_cast3(x, args...) __bpf_ctx_cast2(args), (void *)ctx[2]
#define __bpf_ctx_cast4(x, args...) __bpf_ctx_cast3(args), (void *)ctx[3]
#define __bpf_ctx_cast5(x, args...) __bpf_ctx_cast4(args), (void *)ctx[4]
#define __bpf_ctx_cast6(x, args...) __bpf_ctx_cast5(args), (void *)ctx[5]
#define __bpf_ctx_cast7(x, args...) __bpf_ctx_cast6(args), (void *)ctx[6]
#define __bpf_ctx_cast8(x, args...) __bpf_ctx_cast7(args), (void *)ctx[7]
#define __bpf_ctx_cast9(x, args...) __bpf_ctx_cast8(args), (void *)ctx[8]
#define __bpf_ctx_cast10(x, args...) __bpf_ctx_cast9(args), (void *)ctx[9]
#define __bpf_ctx_cast11(x, args...) __bpf_ctx_cast10(args), (void *)ctx[10]
#define __bpf_ctx_cast12(x, args...) __bpf_ctx_cast11(args), (void *)ctx[11]
#define __bpf_ctx_cast(args...) __bpf_apply(__bpf_ctx_cast, __bpf_narg(args))(args)

/*
 * BPF_PROG is a convenience wrapper for generic
 * tp_btf/fentry/fexit and
 * similar kinds of BPF programs, that accept input arguments as a single
 * pointer to untyped u64 array, where each u64 can actually be a typed
 * pointer or integer of different size. Instead of requiring user to write
 * manual casts and work with array elements by index, BPF_PROG macro
 * allows user to declare a list of named and typed input arguments in the
 * same syntax as for normal C function. All the casting is hidden and
 * performed transparently, while user code can just assume working with
 * function arguments of specified type and name.
 *
 * Original raw context argument is preserved as well as 'ctx' argument.
 * This is useful when using BPF helpers that expect original context
 * as one of the parameters (e.g., for bpf_perf_event_output()).
 */
#define BPF_PROG(name, args...) \
    name(unsigned long long *ctx); \
    static __always_inline typeof(name(0)) \
    ____##name(unsigned long long *ctx, ##args); \
    typeof(name(0)) \
    name(unsigned long long *ctx) \
    { \
        _Pragma("GCC diagnostic push") \
        _Pragma("GCC diagnostic ignored \"-Wint-conversion\"") \
        return ____##name(__bpf_ctx_cast(args)); \
        _Pragma("GCC diagnostic pop") \
    }

```



```

static __always_inline typeof(name(0))      \
____##name(unsigned long long *ctx, ##args)

#ifndef __bpf_nth2
#define __bpf_nth2(, _1, _2, _3, _4, _5, _6, _7, _8, _9, _10, _11, _12, _13, \
    _14, _15, _16, _17, _18, _19, _20, _21, _22, _23, _24, N, ...) N
#endif
#ifndef __bpf_narg2
#define __bpf_narg2(...) \
    __bpf_nth2(, ##__VA_ARGS__, 12, 12, 11, 11, 10, 10, 9, 9, 8, 8, 7, 7, \
        6, 6, 5, 5, 4, 4, 3, 3, 2, 2, 1, 1, 0)
#endif

#define __bpf_treg_cnt(t) \
    __builtin_choose_expr(sizeof(t) == 1, 1, \
    __builtin_choose_expr(sizeof(t) == 2, 1, \
    __builtin_choose_expr(sizeof(t) == 4, 1, \
    __builtin_choose_expr(sizeof(t) == 8, 1, \
    __builtin_choose_expr(sizeof(t) == 16, 2, \
    (void)0))))

#define
__bpf_reg_cnt0() (0)
#define __bpf_reg_cnt1(t, x) (__bpf_reg_cnt0() + __bpf_treg_cnt(t))
#define __bpf_reg_cnt2(t, x, args...) (__bpf_reg_cnt1(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt3(t, x, args...) (__bpf_reg_cnt2(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt4(t, x, args...) (__bpf_reg_cnt3(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt5(t, x, args...) (__bpf_reg_cnt4(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt6(t, x, args...) (__bpf_reg_cnt5(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt7(t, x, args...) (__bpf_reg_cnt6(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt8(t, x, args...) (__bpf_reg_cnt7(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt9(t, x, args...) (__bpf_reg_cnt8(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt10(t, x, args...) (__bpf_reg_cnt9(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt11(t, x, args...) (__bpf_reg_cnt10(args) + __bpf_treg_cnt(t))
#define __bpf_reg_cnt12(t, x, args...) (__bpf_reg_cnt11(args)
    + __bpf_treg_cnt(t))
#define __bpf_reg_cnt(args...) __bpf_apply(__bpf_reg_cnt, __bpf_narg2(args))(args)

#define __bpf_union_arg(t, x, n) \
    __builtin_choose_expr(sizeof(t) == 1, ({ union { __u8 z[1]; t x; } __t = { .z = {ctx[n]}}; __t.x; }), \
    __builtin_choose_expr(sizeof(t) == 2, ({ union { __u16 z[1]; t x; } __t = { .z = {ctx[n]}}; __t.x; }), \
    __builtin_choose_expr(sizeof(t) == 4, ({ union { __u32 z[1]; t x; } __t = { .z = {ctx[n]}}; __t.x; }), \
    __builtin_choose_expr(sizeof(t) == 8, ({ union { __u64 z[1]; t x; } __t = { .z = {ctx[n]}}; __t.x; }), \
    __builtin_choose_expr(sizeof(t) == 16, ({ union { __u64 z[2]; t x; } __t = { .z = {ctx[n], ctx[n + 1]}}; __t.x; }), \
    (void)0))))

#define __bpf_ctx_arg0(n, args...)
#define __bpf_ctx_arg1(n, t, x) , __bpf_union_arg(t, x, n - __bpf_reg_cnt1(t, x))

```

```

#define __bpf_ctx_arg2(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt2(t, x, args)) __bpf_ctx_arg1(n,
args)
#define __bpf_ctx_arg3(n,
t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt3(t, x, args)) __bpf_ctx_arg2(n, args)
#define __bpf_ctx_arg4(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt4(t, x, args)) __bpf_ctx_arg3(n,
args)
#define __bpf_ctx_arg5(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt5(t, x, args)) __bpf_ctx_arg4(n,
args)
#define __bpf_ctx_arg6(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt6(t, x, args)) __bpf_ctx_arg5(n,
args)
#define __bpf_ctx_arg7(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt7(t, x, args)) __bpf_ctx_arg6(n,
args)
#define __bpf_ctx_arg8(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt8(t, x, args)) __bpf_ctx_arg7(n,
args)
#define __bpf_ctx_arg9(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt9(t, x, args)) __bpf_ctx_arg8(n,
args)
#define __bpf_ctx_arg10(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt10(t, x, args))
__bpf_ctx_arg9(n, args)
#define __bpf_ctx_arg11(n,
t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt11(t, x, args)) __bpf_ctx_arg10(n, args)
#define __bpf_ctx_arg12(n, t, x, args...) , __bpf_union_arg(t, x, n - __bpf_reg_cnt12(t, x, args))
__bpf_ctx_arg11(n, args)
#define __bpf_ctx_arg(args...) __bpf_apply(__bpf_ctx_arg, __bpf_narg2(args))(__bpf_reg_cnt(args), args)

#define __bpf_ctx_decl0()
#define __bpf_ctx_decl1(t, x) , t x
#define __bpf_ctx_decl2(t, x, args...) , t x __bpf_ctx_decl1(args)
#define __bpf_ctx_decl3(t, x, args...) , t x __bpf_ctx_decl2(args)
#define __bpf_ctx_decl4(t, x, args...) , t x __bpf_ctx_decl3(args)
#define __bpf_ctx_decl5(t, x, args...) , t x __bpf_ctx_decl4(args)
#define __bpf_ctx_decl6(t, x, args...) , t x __bpf_ctx_decl5(args)
#define __bpf_ctx_decl7(t, x, args...) , t x __bpf_ctx_decl6(args)
#define __bpf_ctx_decl8(t, x, args...) , t x __bpf_ctx_decl7(args)
#define __bpf_ctx_decl9(t, x, args...) , t x __bpf_ctx_decl8(args)
#define __bpf_ctx_decl10(t,
x, args...) , t x __bpf_ctx_decl9(args)
#define __bpf_ctx_decl11(t, x, args...) , t x __bpf_ctx_decl10(args)
#define __bpf_ctx_decl12(t, x, args...) , t x __bpf_ctx_decl11(args)
#define __bpf_ctx_decl(args...) __bpf_apply(__bpf_ctx_decl, __bpf_narg2(args))(args)

/*
* BPF_PROG2 is an enhanced version of BPF_PROG in order to handle struct
* arguments. Since each struct argument might take one or two u64 values
* in the trampoline stack, argument type size is needed to place proper number
* of u64 values for each argument. Therefore, BPF_PROG2 has different
* syntax from BPF_PROG. For example, for the following BPF_PROG syntax:
*
* int BPF_PROG(test2, int a, int b) { ... }

```

```

*
* the corresponding BPF_PROG2 syntax is:
*
* int BPF_PROG2(test2, int, a, int, b) { ... }
*
* where type and the corresponding argument name are separated by comma.
*
* Use BPF_PROG2 macro if one of the arguments might be a struct/union larger
* than 8 bytes:
*
* int BPF_PROG2(test_struct_arg,
* struct bpf_testmod_struct_arg_1, a, int, b,
* int, c, int, d, struct bpf_testmod_struct_arg_2, e, int, ret)
* {
* // access a, b, c, d, e, and ret directly
* ...
* }
*/
#define BPF_PROG2(name, args...) \
name(unsigned long long *ctx); \
static __always_inline typeof(name(0)) \
__##name(unsigned long long *ctx __bpf_ctx_decl(args)); \
typeof(name(0)) name(unsigned long long *ctx) \
{ \
return __##name(ctx __bpf_ctx_arg(args)); \
} \
static __always_inline typeof(name(0)) \
__##name(unsigned long long *ctx __bpf_ctx_decl(args))

struct pt_regs;

#define __bpf_kprobe_args0() ctx
#define __bpf_kprobe_args1(x) __bpf_kprobe_args0(), (void *)PT_REGS_PARM1(ctx)
#define __bpf_kprobe_args2(x, args...) __bpf_kprobe_args1(args), (void *)PT_REGS_PARM2(ctx)
#define __bpf_kprobe_args3(x, args...) __bpf_kprobe_args2(args), (void *)PT_REGS_PARM3(ctx)
#define __bpf_kprobe_args4(x, \
args...) __bpf_kprobe_args3(args), (void *)PT_REGS_PARM4(ctx)
#define __bpf_kprobe_args5(x, args...) __bpf_kprobe_args4(args), (void *)PT_REGS_PARM5(ctx)
#define __bpf_kprobe_args6(x, args...) __bpf_kprobe_args5(args), (void *)PT_REGS_PARM6(ctx)
#define __bpf_kprobe_args7(x, args...) __bpf_kprobe_args6(args), (void *)PT_REGS_PARM7(ctx)
#define __bpf_kprobe_args8(x, args...) __bpf_kprobe_args7(args), (void *)PT_REGS_PARM8(ctx)
#define __bpf_kprobe_args(args...) __bpf_apply(__bpf_kprobe_args, __bpf_narg(args))(args)

/*
* BPF_KPROBE serves the same purpose for kprobes as BPF_PROG for
* tp_btf/fentry/fexit BPF programs. It hides the underlying platform-specific
* low-level way of getting kprobe input arguments from struct pt_regs, and
* provides a familiar typed and named function arguments syntax and

```

```

* semantics of accessing kprobe input paremeters.
*
* Original struct pt_regs* context is preserved as 'ctx' argument. This might
* be necessary when using BPF helpers
  like bpf_perf_event_output().
*/
#define BPF_KPROBE(name, args...)      \
name(struct pt_regs *ctx);            \
static __always_inline typeof(name(0)) \
__##name(struct pt_regs *ctx, ##args); \
typeof(name(0)) name(struct pt_regs *ctx) \
{                                     \
    _Pragma("GCC diagnostic push")    \
    _Pragma("GCC diagnostic ignored \\"-Wint-conversion\\") \
    return __##name(__bpf_kprobe_args(args)); \
    _Pragma("GCC diagnostic pop")     \
}                                     \
static __always_inline typeof(name(0)) \
__##name(struct pt_regs *ctx, ##args)

#define __bpf_kretprobe_args0()      ctx
#define __bpf_kretprobe_args1(x)     __bpf_kretprobe_args0(), (void *)PT_REGS_RC(ctx)
#define __bpf_kretprobe_args(args...) __bpf_apply(__bpf_kretprobe_args, __bpf_narg(args))(args)

/*
* BPF_KRETPROBE is similar to BPF_KPROBE, except, it only provides optional
* return value (in addition to `struct pt_regs *ctx`), but no input
* arguments, because they
  will be clobbered by the time probed function
* returns.
*/
#define BPF_KRETPROBE(name, args...)  \
name(struct pt_regs *ctx);            \
static __always_inline typeof(name(0)) \
__##name(struct pt_regs *ctx, ##args); \
typeof(name(0)) name(struct pt_regs *ctx) \
{                                     \
    _Pragma("GCC diagnostic push")    \
    _Pragma("GCC diagnostic ignored \\"-Wint-conversion\\") \
    return __##name(__bpf_kretprobe_args(args)); \
    _Pragma("GCC diagnostic pop")     \
}                                     \
static __always_inline typeof(name(0)) __##name(struct pt_regs *ctx, ##args)

/* If kernel has CONFIG_ARCH_HAS_SYSCALL_WRAPPER, read pt_regs directly */
#define __bpf_syscall_args0()         ctx
#define __bpf_syscall_args1(x)        __bpf_syscall_args0(), (void *)PT_REGS_PARM1_SYSCALL(regs)
#define __bpf_syscall_args2(x, args...) __bpf_syscall_args1(args), (void *)PT_REGS_PARM2_SYSCALL(regs)

```

```

#define __bpf_syscall_args3(x, args...) __bpf_syscall_args2(args),
(void *)PT_REGS_PARM3_SYSCALL(regs)
#define __bpf_syscall_args4(x, args...) __bpf_syscall_args3(args), (void *)PT_REGS_PARM4_SYSCALL(regs)
#define __bpf_syscall_args5(x, args...) __bpf_syscall_args4(args), (void *)PT_REGS_PARM5_SYSCALL(regs)
#define __bpf_syscall_args6(x, args...) __bpf_syscall_args5(args), (void *)PT_REGS_PARM6_SYSCALL(regs)
#define __bpf_syscall_args7(x, args...) __bpf_syscall_args6(args), (void *)PT_REGS_PARM7_SYSCALL(regs)
#define __bpf_syscall_args(args...) __bpf_apply(__bpf_syscall_args, __bpf_narg(args))(args)

/* If kernel doesn't have CONFIG_ARCH_HAS_SYSCALL_WRAPPER, we have to BPF_CORE_READ from
pt_regs */
#define __bpf_syswrap_args0() ctx
#define __bpf_syswrap_args1(x) __bpf_syswrap_args0(), (void
*)PT_REGS_PARM1_CORE_SYSCALL(regs)
#define __bpf_syswrap_args2(x, args...) __bpf_syswrap_args1(args), (void
*)PT_REGS_PARM2_CORE_SYSCALL(regs)
#define __bpf_syswrap_args3(x, args...) __bpf_syswrap_args2(args), (void
*)PT_REGS_PARM3_CORE_SYSCALL(regs)
#define __bpf_syswrap_args4(x, args...) __bpf_syswrap_args3(args), (void
*)PT_REGS_PARM4_CORE_SYSCALL(regs)
#define __bpf_syswrap_args5(x, args...) __bpf_syswrap_args4(args), (void
*)PT_REGS_PARM5_CORE_SYSCALL(regs)
#define __bpf_syswrap_args6(x, args...) __bpf_syswrap_args5(args), (void
*)PT_REGS_PARM6_CORE_SYSCALL(regs)
#define __bpf_syswrap_args7(x, args...) __bpf_syswrap_args6(args), (void
*)PT_REGS_PARM7_CORE_SYSCALL(regs)
#define __bpf_syswrap_args(args...) __bpf_apply(__bpf_syswrap_args, __bpf_narg(args))(args)

/*
* BPF_KSYSCALL is a variant of BPF_KPROBE, which is intended for
* tracing syscall functions, like __x64_sys_close. It hides the underlying
* platform-specific low-level way of getting syscall input arguments from
* struct pt_regs, and provides a familiar typed and named function arguments
* syntax and semantics of accessing syscall input parameters.
*
* Original struct pt_regs * context is preserved as 'ctx' argument.
This might
* be necessary when using BPF helpers like bpf_perf_event_output().
*
* At the moment BPF_KSYSCALL does not transparently handle all the calling
* convention quirks for the following syscalls:
*
* - mmap(): __ARCH_WANT_SYS_OLD_MMAP.
* - clone(): CONFIG_CLONE_BACKWARDS, CONFIG_CLONE_BACKWARDS2 and
CONFIG_CLONE_BACKWARDS3.
* - socket-related syscalls: __ARCH_WANT_SYS_SOCKETCALL.
* - compat syscalls.
*
* This may or may not change in the future. User needs to take extra measures

```

```

* to handle such quirks explicitly, if necessary.
*
* This macro relies on BPF CO-RE support and virtual __kconfig externs.
*/
#define BPF_KSYSCALL(name, args...) \
    name(struct pt_regs *ctx); \
    extern _Bool LINUX_HAS_SYSCALL_WRAPPER __kconfig; \
    static __always_inline typeof(name(0)) \
    ____##name(struct pt_regs *ctx, ##args); \
    typeof(name(0)) name(struct pt_regs *ctx) \
    { \
        struct pt_regs *regs = LINUX_HAS_SYSCALL_WRAPPER \
            ? (struct pt_regs *)PT_REGS_PARM1(ctx) \
            : ctx; \
        _Pragma("GCC diagnostic push") \
        _Pragma("GCC diagnostic ignored \"-Wint-conversion\"") \
        if (LINUX_HAS_SYSCALL_WRAPPER) \
            return ____##name(__bpf_syswrap_args(args)); \
        else \
            return ____##name(__bpf_syscall_args(args)); \
        _Pragma("GCC diagnostic pop") \
    } \
    static __always_inline typeof(name(0)) \
    ____##name(struct pt_regs *ctx, ##args)

#define BPF_KPROBE_SYSCALL BPF_KSYSCALL

/* BPF_UPROBE and BPF_URETPROBE are identical to BPF_KPROBE and BPF_KRETPROBE,
 * but are named way less confusingly for SEC("uprobe") and SEC("uretprobe")
 * use cases.
 */
#define BPF_UPROBE(name, args...) BPF_KPROBE(name, ##args)
#define BPF_URETPROBE(name, args...) BPF_KRETPROBE(name, ##args)

#endif

```

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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/* SPDX-License-Identifier: (LGPL-2.1 OR BSD-2-Clause) */

#ifndef __BPF_HELPERS__

#define __BPF_HELPERS__

/*

- * Note that bpf programs need to include either

- * `vmlinux.h` (auto-generated from BTF) or `linux/types.h`

- * in advance since `bpf_helper_defs.h` uses such types

```

* as __u64.
*/
#include "bpf_helper_defs.h"

#define __uint(name, val) int (*name)[val]
#define __type(name, val) typeof(val) *name
#define __array(name, val) typeof(val) *name[]
#define __ulong(name, val) enum { __bpf_concat(__unique_value, __COUNTER__) = val } name

/*
 * Helper macro to place programs, maps, license in
 * different sections in elf_bpf file. Section names
 * are interpreted by libbpf depending on the context (BPF programs, BPF maps,
 * extern variables, etc).
 * To allow use of SEC() with externs (e.g., for extern .maps declarations),
 * make sure __attribute__((unused)) doesn't trigger compilation warning.
 */
#if __GNUC__ && !__clang__

/*
 * Pragma macros are broken on GCC
 * https://gcc.gnu.org/bugzilla/show\_bug.cgi?id=55578
 * https://gcc.gnu.org/bugzilla/show\_bug.cgi?id=90400
 */
#define SEC(name) __attribute__((section(name), used))

#else

#define SEC(name) \
    _Pragma("GCC diagnostic push") \
    _Pragma("GCC diagnostic ignored \"-Wignored-attributes\"") \
    __attribute__((section(name), used)) \
    _Pragma("GCC diagnostic pop") \

#endif

/* Avoid 'linux/stddef.h' definition of '__always_inline'. */
#undef __always_inline
#define __always_inline inline __attribute__((always_inline))

#ifndef __noinline
#define __noinline __attribute__((noinline))
#endif
#ifndef __weak
#define __weak __attribute__((weak))
#endif

/*

```



```

* Use __hidden attribute to mark a non-static BPF subprogram effectively
* static for BPF verifier's verification algorithm purposes, allowing more
* extensive and permissive BPF verification process, taking into account
* subprogram's caller context.
*/
#define __hidden __attribute__((visibility("hidden")))

/* When utilizing vmlinux.h
with BPF CO-RE, user BPF programs can't include
* any system-level headers (such as stddef.h, linux/version.h, etc), and
* commonly-used macros like NULL and KERNEL_VERSION aren't available through
* vmlinux.h. This just adds unnecessary hurdles and forces users to re-define
* them on their own. So as a convenience, provide such definitions here.
*/
#ifndef NULL
#define NULL ((void *)0)
#endif

#ifndef KERNEL_VERSION
#define KERNEL_VERSION(a, b, c) (((a) << 16) + ((b) << 8) + ((c) > 255 ? 255 : (c)))
#endif

/*
* Helper macros to manipulate data structures
*/

/* offsetof() definition that uses __builtin_offset() might not preserve field
* offset CO-RE relocation properly, so force-redefine offsetof() using
* old-school approach which works with CO-RE correctly
*/
#undef offsetof
#define offsetof(type, member) ((unsigned long)&((type *)0)->member)

/* redefined container_of() to ensure we use the above offsetof() macro */
#undef container_of
#define container_of(ptr, type, member) \
({ \
    void \
    * __mptr = (void *) (ptr); \
    ((type *) (__mptr - offsetof(type, member))); \
})

/*
* Compiler (optimization) barrier.
*/
#ifndef barrier
#define barrier() asm volatile("" ::: "memory")
#endif

```

```

/* Variable-specific compiler (optimization) barrier. It's a no-op which makes
 * compiler believe that there is some black box modification of a given
 * variable and thus prevents compiler from making extra assumption about its
 * value and potential simplifications and optimizations on this variable.
 *
 * E.g., compiler might often delay or even omit 32-bit to 64-bit casting of
 * a variable, making some code patterns unverifiable. Putting barrier_var()
 * in place will ensure that cast is performed before the barrier_var()
 * invocation, because compiler has to pessimistically assume that embedded
 * asm section might perform some extra operations on that variable.
 *
 * This is a variable-specific variant of more global barrier().
 */
#ifndef barrier_var
#define
    barrier_var(var) asm volatile("" : "+r"(var))
#endif

/*
 * Helper macro to throw a compilation error if __bpf_unreachable() gets
 * built into the resulting code. This works given BPF back end does not
 * implement __builtin_trap(). This is useful to assert that certain paths
 * of the program code are never used and hence eliminated by the compiler.
 *
 * For example, consider a switch statement that covers known cases used by
 * the program. __bpf_unreachable() can then reside in the default case. If
 * the program gets extended such that a case is not covered in the switch
 * statement, then it will throw a build error due to the default case not
 * being compiled out.
 */
#ifndef __bpf_unreachable
#define __bpf_unreachable() __builtin_trap()
#endif

/*
 * Helper function to perform a tail call with a constant/immediate map slot.
 */
#if __clang_major__ >= 8 && defined(__bpf__)
static __always_inline void
bpf_tail_call_static(void *ctx, const void *map, const __u32 slot)
{
    if
        (!__builtin_constant_p(slot))
        __bpf_unreachable();
}

/*
 * Provide a hard guarantee that LLVM won't optimize setting r2 (map

```

```

* pointer) and r3 (constant map index) from _different paths_ ending
* up at the _same_ call insn as otherwise we won't be able to use the
* jmpq/nopl retpoline-free patching by the x86-64 JIT in the kernel
* given they mismatch. See also d2e4c1e6c294 ("bpf: Constant map key
* tracking for prog array pokes") for details on verifier tracking.
*
* Note on clobber list: we need to stay in-line with BPF calling
* convention, so even if we don't end up using r0, r4, r5, we need
* to mark them as clobber so that LLVM doesn't end up using them
* before / after the call.
*/
asm volatile("r1 = %[ctx]\n\t"
             "r2 = %[map]\n\t"
             "r3 = %[slot]\n\t"
             "call 12"
             :: [ctx]"r"(ctx), [map]"r"(map), [slot]"i"(slot)
             : "r0", "r1", "r2", "r3", "r4", "r5");
}
#endif

enum libbpf_pin_type {
    LIBBPF_PIN_NONE,
    /* PIN_BY_NAME: pin
    maps by name (in /sys/fs/bpf by default) */
    LIBBPF_PIN_BY_NAME,
};

enum libbpf_tristate {
    TRI_NO = 0,
    TRI_YES = 1,
    TRI_MODULE = 2,
};

#define __kconfig __attribute__((section(".kconfig")))
#define __ksym __attribute__((section(".ksyms")))
#define __kptr_untrusted __attribute__((btf_type_tag("kptr_untrusted")))
#define __kptr __attribute__((btf_type_tag("kptr")))
#define __percpu_kptr __attribute__((btf_type_tag("percpu_kptr")))

#define bpf_ksym_exists(sym) ({ \
    _Static_assert(!__builtin_constant_p(!sym), #sym " should be marked as __weak"); \
    !!sym; \
})

#define __arg_ctx __attribute__((btf_decl_tag("arg:ctx")))
#define __arg_nonnull __attribute__((btf_decl_tag("arg:nonnull")))
#define __arg_nullable __attribute__((btf_decl_tag("arg:nullable")))
#define __arg_trusted __attribute__((btf_decl_tag("arg:trusted")))

```

```

#define __arg_arena __attribute__((btf_decl_tag("arg:arena")))

#ifndef __bpf_concat
#define __bpf_concat(a, b) a ## b
#endif
#ifndef __bpf_apply
#define
__bpf_apply(fn, n) __bpf_concat(fn, n)
#endif
#ifndef __bpf_nth
#define __bpf_nth(, _1, _2, _3, _4, _5, _6, _7, _8, _9, _a, _b, _c, N, ...) N
#endif
#ifndef __bpf_narg
#define __bpf_narg(...) \
__bpf_nth(, ##__VA_ARGS__, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0)
#endif

#define __bpf_fill0(arr, p, x) do { } while (0)
#define __bpf_fill1(arr, p, x) arr[p] = x
#define __bpf_fill2(arr, p, x, args...) arr[p] = x; __bpf_fill1(arr, p + 1, args)
#define __bpf_fill3(arr, p, x, args...) arr[p] = x; __bpf_fill2(arr, p + 1, args)
#define __bpf_fill4(arr, p, x, args...) arr[p] = x; __bpf_fill3(arr, p + 1, args)
#define __bpf_fill5(arr, p, x, args...) arr[p] = x; __bpf_fill4(arr, p + 1, args)
#define __bpf_fill6(arr, p, x, args...) arr[p] = x; __bpf_fill5(arr, p + 1, args)
#define __bpf_fill7(arr, p, x, args...) arr[p] = x; __bpf_fill6(arr, p + 1, args)
#define __bpf_fill8(arr, p, x, args...) arr[p] = x; __bpf_fill7(arr, p + 1, args)
#define __bpf_fill9(arr, p, x, args...) \
arr[p] = x; __bpf_fill8(arr, p + 1, args)
#define __bpf_fill10(arr, p, x, args...) arr[p] = x; __bpf_fill9(arr, p + 1, args)
#define __bpf_fill11(arr, p, x, args...) arr[p] = x; __bpf_fill10(arr, p + 1, args)
#define __bpf_fill12(arr, p, x, args...) arr[p] = x; __bpf_fill11(arr, p + 1, args)
#define __bpf_fill(arr, args...) \
__bpf_apply(__bpf_fill, __bpf_narg(args))(arr, 0, args)

/*
 * BPF_SEQ_PRINTF to wrap bpf_seq_printf to-be-printed values
 * in a structure.
 */
#define BPF_SEQ_PRINTF(seq, fmt, args...) \
({ \
static const char __fmt[] = fmt; \
unsigned long long __param[__bpf_narg(args)]; \
\
_Pragma("GCC diagnostic push") \
_Pragma("GCC diagnostic ignored \"-Wint-conversion\"") \
__bpf_fill(__param, args); \
_Pragma("GCC diagnostic pop") \
\
})

```

```

bpf_seq_printf(seq, __fmt, sizeof(__fmt), \
    __param, sizeof(__param)); \
})

/*
 * BPF_SNPRINTF wraps the bpf_snprintf helper with variadic arguments instead of
 * an array of u64.
 */
#define BPF_SNPRINTF(out, out_size, fmt, args...) \
({ \
    static const char __fmt[] = fmt; \
    unsigned long long __param[__bpf_narg(args)]; \
    \
    _Pragma("GCC diagnostic push") \
    _Pragma("GCC diagnostic ignored \"-Wint-conversion\"") \
    __bpf_fill(__param, args); \
    _Pragma("GCC diagnostic pop") \
    \
    bpf_snprintf(out, out_size, __fmt, \
        __param, sizeof(__param)); \
})

#ifdef BPF_NO_GLOBAL_DATA
#define BPF_PRINTK_FMT_MOD
#else
#define BPF_PRINTK_FMT_MOD static const
#endif

#define __bpf_printk(fmt, ...) \
({ \
    BPF_PRINTK_FMT_MOD char ____fmt[] = fmt; \
    bpf_trace_printk(____fmt, sizeof(____fmt), \
        ##__VA_ARGS__); \
})

/*
 * __bpf_vprintf wraps the bpf_trace_vprintf helper with variadic arguments
 * instead of an array of u64.
 */
#define __bpf_vprintf(fmt, args...) \
({ \
    static const char __fmt[] = fmt; \
    unsigned long long __param[__bpf_narg(args)]; \
    \
    _Pragma("GCC \
diagnostic push") \
    _Pragma("GCC diagnostic ignored \"-Wint-conversion\"") \
    __bpf_fill(__param, args); \
})

```

```

_Pragma("GCC diagnostic pop") \
\
bpf_trace_vprintk(__fmt, sizeof(__fmt), \
    __param, sizeof(__param)); \
})

/* Use __bpf_printk when bpf_printk call has 3 or fewer fmt args
 * Otherwise use __bpf_vprintk
 */
#define __bpf_pick_printk(...) \
    __bpf_nth(, ##__VA_ARGS__, __bpf_vprintk, __bpf_vprintk, __bpf_vprintk, \
    __bpf_vprintk, __bpf_vprintk, __bpf_vprintk, __bpf_vprintk, \
    __bpf_vprintk, __bpf_vprintk, __bpf_printk /*3*/, __bpf_printk /*2*/, \
    __bpf_printk /*1*/, __bpf_printk /*0*/)

/* Helper macro to print out debug messages */
#define bpf_printk(fmt, args...) __bpf_pick_printk(args)(fmt, ##args)

struct bpf_iter_num;

extern int bpf_iter_num_new(struct bpf_iter_num *it, int start, int end) __weak __ksym;
extern int *bpf_iter_num_next(struct bpf_iter_num *it) __weak __ksym;
extern void bpf_iter_num_destroy(struct bpf_iter_num
    *it) __weak __ksym;

#ifndef bpf_for_each
/* bpf_for_each(iter_type, cur_elem, args...) provides generic construct for
 * using BPF open-coded iterators without having to write mundane explicit
 * low-level loop logic. Instead, it provides for()-like generic construct
 * that can be used pretty naturally. E.g., for some hypothetical cgroup
 * iterator, you'd write:
 *
 *
 * struct cgroup *cg, *parent_cg = <...>;
 *
 * bpf_for_each(cgroup, cg, parent_cg, CG_ITER_CHILDREN) {
 *     bpf_printk("Child cgroup id = %d", cg->cgroup_id);
 *     if (cg->cgroup_id == 123)
 *         break;
 * }
 *
 * I.e., it looks almost like high-level for each loop in other languages,
 * supports continue/break, and is verifiable by BPF verifier.
 *
 * For iterating integers, the difference between bpf_for_each(num, i, N, M)
 * and bpf_for(i, N, M) is in that bpf_for() provides additional proof to
 * verifier that i is in [N, M) range, and in bpf_for_each() case i is `int
 * *, not just `int`. So for integers

```

bpf_for() is more convenient.

*

* Note: this macro relies on C99 feature of allowing to declare variables
* inside for() loop, bound to for() loop lifetime. It also utilizes GCC
* extension: __attribute__((cleanup(<func>))), supported by both GCC and
* Clang.

*/

```
#define bpf_for_each(type, cur, args...) for (    \
/* initialize and define destructor */    \
struct bpf_iter_##type __it __attribute__((aligned(8), /* enforce, just in case */ \
      cleanup(bpf_iter_##type##_destroy))), \
/* __p pointer is just to call bpf_iter_##type##_new() *once* to init __it */ \
    *__p __attribute__((unused)) = (    \
      bpf_iter_##type##_new(&__it, ##args), \
/* this is a workaround for Clang bug: it currently doesn't emit BTF */ \
/* for bpf_iter_##type##_destroy() when used from cleanup() attribute */ \
      (void)bpf_iter_##type##_destroy, (void *)0); \
/* iteration and termination check */    \
(((cur) = bpf_iter_##type##_next(&__it)));    \
)
#endif
/* bpf_for_each */
```

#ifndef bpf_for

/* bpf_for(i, start, end) implements a for()-like looping construct that sets
* provided integer variable *i* to values starting from *start* through,
* but not including, *end*. It also proves to BPF verifier that *i* belongs
* to range [start, end), so this can be used for accessing arrays without
* extra checks.

*

* Note: *start* and *end* are assumed to be expressions with no side effects
* and whose values do not change throughout bpf_for() loop execution. They do
* not have to be statically known or constant, though.

*

* Note: similarly to bpf_for_each(), it relies on C99 feature of declaring for()
* loop bound variables and cleanup attribute, supported by GCC and Clang.

*/

```
#define bpf_for(i, start, end) for (    \
/* initialize and define destructor */    \
struct bpf_iter_num __it __attribute__((aligned(8), /* enforce, just in case */ \
      cleanup(bpf_iter_num_destroy))), \
/* __p pointer is necessary to  
call bpf_iter_num_new() *once* to init __it */ \
    *__p __attribute__((unused)) = (    \
      bpf_iter_num_new(&__it, (start), (end)), \
/* this is a workaround for Clang bug: it currently doesn't emit BTF */ \
/* for bpf_iter_num_destroy() when used from cleanup() attribute */ \
      (void)bpf_iter_num_destroy, (void *)0); \

```

```

({
    \
    /* iteration step */
    int *__t = bpf_iter_num_next(&__it);
    \
    /* termination and bounds check */
    (__t && ((i) = *__t, (i) >= (start) && (i) < (end)));
    \
});
)
#endif /* bpf_for */

#ifdef bpf_repeat
/* bpf_repeat(N) performs N iterations without exposing iteration number
*
* Note: similarly to bpf_for_each(), it relies on C99 feature of declaring for()
* loop bound variables and cleanup attribute, supported by GCC and Clang.
*/
#define bpf_repeat(N) for (
    \
    /* initialize and define destructor */
    struct bpf_iter_num __it __attribute__((aligned(8), /* enforce,
just in case */
    cleanup(bpf_iter_num_destroy))), \
    /* __p pointer is necessary to call bpf_iter_num_new() *once* to init __it */ \
    *__p __attribute__((unused)) = (
    \
    bpf_iter_num_new(&__it, 0, (N)), \
    /* this is a workaround for Clang bug: it currently doesn't emit BTF */ \
    /* for bpf_iter_num_destroy() when used from cleanup() attribute */ \
    (void)bpf_iter_num_destroy, (void *)0); \
    bpf_iter_num_next(&__it);
    \
    /* nothing here */
)
#endif /* bpf_repeat */

#endif

```

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1.90 pflag

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.100 caffeine-cache 3.1.8

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* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/LocalAsyncLoadingCache.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/stats/package-info.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/LocalManualCache.java

```

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/WriteThroughEntry.java
*
/caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/SerializationProxy.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/package-info.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/stats/GuardedStatsCounter.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/LocalCacheFactory.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Node.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/LocalCache.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/LocalLoadingCache.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/NodeFactory.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Buffer.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/BoundedBuffer.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/FrequencySketch.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Async.java
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* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/TimerWheel.java
* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Expiry.java
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* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/UnboundedLocalCache.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/AccessOrderDeque.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/stats/DisabledStatsCounter.java

*

/caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Weigher.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/CacheLoader.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/stats/ConcurrentStatsCounter.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/RemovalCause.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/stats/CacheStats.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Ticker.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/AsyncLoadingCache.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/AbstractLinkedDeque.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/BoundedLocalCache.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/WriteOrderDeque.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/RemovalListener.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/LoadingCache.java

*

/caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Caffeine.java

* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Policy.java

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* /caffeine-3-1-8-java-jar/com/github/benmanes/caffeine/cache/Cache.java

1.101 protobuf

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1.104 forcetypeassert

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1.106 sarama

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1.107 github.com/quasilyte/go-ruleguard v0.4.4

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1.108 tar-split

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1.109 interfacebloat

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1.111 go-containerregistry

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1.112 net

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1.113 go-difflib

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1.116 usestdlibvars

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d

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1.117 logback-classic-module 1.5.25

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Found in path(s):

- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/ReceiverAction.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/RootLoggerModel.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/processor/ConfigurationModelHandlerFull.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/LoggerContextListenerModel.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/ReconfigureOnChangeTask.java
- *
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/LoggerModel.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/processor/ConfigurationModelHandler.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/LogbackMDCAdapter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/ReconfigureOnChangeTaskListener.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/HardenedLoggingEventInputStream.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/ReceiverModel.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/util/DefaultClassNameHelper.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/processor/ReceiverModelHandler.java

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* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/ContextInitializer.java
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```

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/db/script/h2.sql
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/db/script/hsqldb.sql
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/db/script/db2.sql
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/db/script/mysql.sql
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```

-- This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender
-- for Sybase SQLAnywhere. Tested on SQLAnywhere 10.0.1.

```

```

DROP TABLE logging_event_property
DROP TABLE logging_event_exception
DROP TABLE logging_event

```

```

CREATE TABLE logging_event
(
  timestamp      bigint NOT NULL,
  formatted_message LONG VARCHAR NOT NULL,
  logger_name    VARCHAR(254) NOT NULL,
  level_string    VARCHAR(254) NOT NULL,
  thread_name    VARCHAR(254),

```

```

reference_flag  SMALLINT,
arg0           VARCHAR(254),
arg1           VARCHAR(254),
arg2           VARCHAR(254),
arg3           VARCHAR(254),
caller_filename VARCHAR(254) NOT NULL,
caller_class   VARCHAR(254)
NOT NULL,
caller_method  VARCHAR(254) NOT NULL,
caller_line    VARCHAR(4) NOT NULL,
event_id       int NOT NULL DEFAULT AUTOINCREMENT,
PRIMARY KEY(event_id)
)

```

```

CREATE TABLE logging_event_property
(
event_id       int NOT NULL REFERENCES logging_event(event_id),
mapped_key     VARCHAR(254) NOT NULL,
mapped_value   LONG VARCHAR,
PRIMARY KEY(event_id, mapped_key)
)

```

```

CREATE TABLE logging_event_exception
(
event_id       int NOT NULL REFERENCES logging_event(event_id) ,
i              SMALLINT NOT NULL,
trace_line     VARCHAR(254) NOT NULL,
PRIMARY KEY(event_id, i)
)

```

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* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/PrefixCompositeConverter.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/MicrosecondConverter.java

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* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/MaskedKeyValuePairConverter.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/tyler/TylerConfiguratorBase.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/boolex/MarkerList.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/model/PropertiesConfiguratorModel.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/tyler/VariableModelHelper.java

*

/logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/PropertiesConfiguratorAction.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/PropertiesConfigurator.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/LevelUtil.java

* /logback-classic-1-5-25-sources-

jar/ch/qos/logback/classic/model/processor/PropertiesConfiguratorModelHandler.java

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/boolex/ExceptionMatchEvaluator.java

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--#

--# This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender.

--#

--# It is intended for SQLite3 databases. It has been tested on SQLite 3.7.4

--# on Android ICS (4.0.3).

BEGIN;

DROP TABLE IF EXISTS logging_event_property;

```
DROP TABLE IF EXISTS logging_event_exception;
DROP TABLE IF EXISTS logging_event;
COMMIT;
```

```
BEGIN;
CREATE TABLE logging_event
(
    timestmp      BIGINT NOT NULL,
    formatted_message TEXT NOT NULL,
    logger_name    VARCHAR(254) NOT NULL,
    level_string   VARCHAR(254) NOT NULL,
    thread_name    VARCHAR(254),
    reference_flag SMALLINT,
    arg0           VARCHAR(254),
    arg1           VARCHAR(254),
    arg2           VARCHAR(254),
    arg3           VARCHAR(254),
    caller_filename VARCHAR(254) NOT NULL,
    caller_class   VARCHAR(254) NOT NULL,
    caller_method  VARCHAR(254) NOT NULL,
    caller_line    CHAR(4) NOT NULL,
    event_id       INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT
);
COMMIT;
```

```
BEGIN;
CREATE TABLE logging_event_property
(
    event_id      BIGINT NOT NULL,
    mapped_key     VARCHAR(254) NOT NULL,
    mapped_value   TEXT,
    PRIMARY KEY(event_id, mapped_key),
    FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);
COMMIT;
```

```
BEGIN;
CREATE TABLE logging_event_exception
(
    event_id      BIGINT NOT NULL,
    i             SMALLINT NOT NULL,
    trace_line    VARCHAR(254) NOT NULL,
    PRIMARY KEY(event_id, i),
    FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);
COMMIT;
```


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-- This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender

--

-- It is intended for PostgreSQL databases.

DROP TABLE logging_event_property;

DROP TABLE logging_event_exception;

DROP TABLE logging_event;

DROP SEQUENCE logging_event_id_seq;

CREATE SEQUENCE logging_event_id_seq MINVALUE 1 START 1;

CREATE TABLE logging_event

(
 timestmp BIGINT NOT NULL,
 formatted_message TEXT NOT NULL,
 logger_name VARCHAR(254) NOT NULL,
 level_string VARCHAR(254) NOT NULL,
 thread_name VARCHAR(254),
 reference_flag SMALLINT,
 arg0 VARCHAR(254),
 arg1 VARCHAR(254),
 arg2 VARCHAR(254),
 arg3 VARCHAR(254),
 caller_filename VARCHAR(254) NOT NULL,
 caller_class VARCHAR(254) NOT NULL,
 caller_method VARCHAR(254) NOT NULL,
 caller_line CHAR(4) NOT NULL,
 event_id BIGINT DEFAULT nextval('logging_event_id_seq') PRIMARY KEY
);

CREATE TABLE logging_event_property

(
 event_id BIGINT NOT NULL,
 mapped_key VARCHAR(254) NOT NULL,
 mapped_value VARCHAR(1024),

```

PRIMARY KEY(event_id, mapped_key),
FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);

```

```

CREATE TABLE logging_event_exception
(
    event_id      BIGINT NOT NULL,
    i             SMALLINT NOT NULL,
    trace_line    VARCHAR(254) NOT NULL,
    PRIMARY KEY(event_id, i),
    FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);

```

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-- See <http://logback.qos.ch/license.html> for the applicable licensing

-- conditions.

-- This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender

--

-- The event_id column type was recently changed from INT to DECIMAL(40)

-- without testing.

```

DROP TABLE logging_event_property

```

DROP TABLE logging_event_exception

DROP TABLE logging_event

CREATE TABLE logging_event

```
(
  timestamp    DECIMAL(20) NOT NULL,
  formatted_message VARCHAR(4000) NOT NULL,
  logger_name   VARCHAR(254) NOT NULL,
  level_string  VARCHAR(254) NOT NULL,
  thread_name   VARCHAR(254),
  reference_flag SMALLINT,
  arg0          VARCHAR(254),
  arg1          VARCHAR(254),
  arg2          VARCHAR(254),
  arg3          VARCHAR(254),

  caller_filename VARCHAR(254) NOT NULL,
  caller_class    VARCHAR(254) NOT NULL,
  caller_method   VARCHAR(254) NOT NULL,
  caller_line     CHAR(4) NOT NULL,
  event_id        DECIMAL(40) NOT NULL identity,
  PRIMARY KEY(event_id)
)
```

CREATE TABLE logging_event_property

```
(
  event_id      DECIMAL(40) NOT NULL,
  mapped_key     VARCHAR(254) NOT NULL,
  mapped_value   VARCHAR(1024),
  PRIMARY KEY(event_id, mapped_key),
  FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
)
```

CREATE TABLE logging_event_exception

```
(
  event_id      DECIMAL(40) NOT NULL,
  i             SMALLINT NOT NULL,
  trace_line    VARCHAR(254) NOT NULL,
  PRIMARY KEY(event_id, i),
  FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
)
```

Found in path(s):

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/db/script/mssql.sql

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```
--
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-- conditions.

-- This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender
--
-- It is intended for Oracle 9i, 10g and 11g databases. Tested on version 9.2,
-- 10g and 11g.

-- The following lines are useful in cleaning any previously existing tables

--drop TRIGGER logging_event_id_seq_trig;
--drop SEQUENCE logging_event_id_seq;
--drop table logging_event_property;
--drop table logging_event_exception;
--drop table logging_event;
```

```
CREATE SEQUENCE logging_event_id_seq MINVALUE 1 START WITH 1;
```

```
CREATE TABLE logging_event
(
  timestmp      NUMBER(20) NOT NULL,
  formatted_message VARCHAR2(4000) NOT NULL,
  logger_name   VARCHAR(254) NOT NULL,
  level_string  VARCHAR(254)
  NOT NULL,
  thread_name   VARCHAR(254),
  reference_flag SMALLINT,
  arg0          VARCHAR(254),
  arg1          VARCHAR(254),
  arg2          VARCHAR(254),
  arg3          VARCHAR(254),
  caller_filename VARCHAR(254) NOT NULL,
  caller_class   VARCHAR(254) NOT NULL,
  caller_method  VARCHAR(254) NOT NULL,
  caller_line    CHAR(4) NOT NULL,
  event_id       NUMBER(10) PRIMARY KEY
);
```

```
-- the / suffix may or may not be needed depending on your SQL Client
-- Some SQL Clients, e.g. Squirrel SQL has trouble with the following
-- trigger creation command, while SQLPlus (the basic SQL Client which
-- ships with Oracle) has no trouble at all.
```

```
CREATE TRIGGER logging_event_id_seq_trig
```

```

BEFORE INSERT ON logging_event
FOR EACH ROW
BEGIN
    SELECT logging_event_id_seq.NEXTVAL
    INTO   :NEW.event_id
    FROM   DUAL;
END;
/

```

```

CREATE TABLE logging_event_property
(
    event_id    NUMBER(10) NOT NULL,

    mapped_key   VARCHAR2(254) NOT NULL,
    mapped_value  VARCHAR2(1024),
    PRIMARY KEY(event_id, mapped_key),
    FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);

```

```

CREATE TABLE logging_event_exception
(
    event_id    NUMBER(10) NOT NULL,
    i           SMALLINT NOT NULL,
    trace_line   VARCHAR2(254) NOT NULL,
    PRIMARY KEY(event_id, i),
    FOREIGN KEY (event_id) REFERENCES logging_event(event_id)
);

```

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* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/db/script/oracle.sql

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Found in path(s):

- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/SequenceNumberConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/jul/JULHelper.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/html/UrlCssBuilder.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/TargetLengthBasedClassNameAbbreviator.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/TargetLengthBasedClassNameAbbreviator2.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/selector/DefaultContextSelector.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SocketReceiver.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/MessageConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/ILoggingEvent.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/MarkerFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ExtendedThrowableProxyConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/ThrowableProxy.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/LoggingEventPreSerializationTransformer.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SSLSocketReceiver.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/selector/ContextSelector.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/CopyOnInheritThreadLocal.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ThrowableProxyConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/EnsureExceptionHandling.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/LevelAction.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/filter/LevelFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/ReceiverBase.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ClassNameOnlyAbbreviator.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/MethodOfCallerConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/FileOfCallerConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggerContextAware.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/selector/servlet/ContextDetachingSCL.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/sift/SiftingAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/RootLoggerAction.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/LoggerAction.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/jul/LevelChangePropagator.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/MDCCConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/helpers/WithLayoutListAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/filter/ThresholdFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/ContextNameAction.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/DateConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/ClassPackagingData.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/sift/JNDIBasedContextDiscriminator.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/InsertFromJNDIAction.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/ReconfigureOnChangeFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ClassicConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/ViewStatusMessagesServlet.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/ClassicConstants.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/NamedConverter.java

- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SyslogAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/encoder/PatternLayoutEncoder.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggerContextVO.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/ContextSelectorStaticBinder.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/Abbreviator.java
- *
- /logback-classic-1-5-25-sources-
- jar/ch/qos/logback/classic/model/processor/LogbackClassicDefaultNestedComponentRules.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/html/DefaultCssBuilder.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SSLSocketAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SimpleSSLSocketServer.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/STUtil.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ThrowableHandlingConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/PatternLayout.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/CallerData.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/SyslogStartConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/MDCFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/sift/ContextBasedDiscriminator.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/PropertyConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/boolex/OnErrorEvaluator.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/RemoteAppenderServerListener.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/html/DefaultThrowableRenderer.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/sift/MDCBasedDiscriminator.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SocketAcceptor.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/JoranConfigurator.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/EventArgUtil.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/SSLServerSocketAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/LevelToSyslogSeverity.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/html/HTMLLayout.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/RemoteAppenderServerRunner.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/MatchingFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SimpleSocketServer.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/ClassicEnvUtil.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/TurboFilter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/LineSeparatorConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/ThrowableProxyUtil.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/LoggerNameUtil.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SocketAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/PlatformInfo.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/ServerSocketReceiver.java
- *
- /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SocketNode.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/SMTPAppender.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/LoggerConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ContextNameConverter.java
- * /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/SSLServerSocketReceiver.java

```

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/log4j/XMLLayout.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/ServerSocketAppender.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/util/LogbackMDCAdapterSimple.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/helpers/MDCInsertingServletFilter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/MarkerConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/LocalSequenceNumberConverter.java
*
/logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/RelativeTimeConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/RemoteAppenderStreamClient.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/MDCValueLevelPair.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/boolex/OnMarkerEvaluator.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/LRUMessageCache.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ClassOfCallerConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/ThreadConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/BasicConfigurator.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/ConfigurationAction.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/Util.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/RootCauseFirstThrowableProxyConverter.java
*
/logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/selector/ContextJNDISelector.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggerComparator.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/LineOfCallerConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/DuplicateMessageFilter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/NopThrowableInformationConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/selector/servlet/LoggerContextFilter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggerContextListener.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/Logger.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/turbo/DynamicThresholdFilter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/StackTraceElementProxy.java
*
/logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/ThrowableProxyVO.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/Level.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/AsyncAppender.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/LoggerContextListenerAction.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/color/HighlightingCompositeConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/boolex/IEvaluator.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/PackagingDataCalculator.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggingEventVO.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/action/ConsolePluginAction.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/net/server/RemoteAppenderClient.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggerContextAwareBase.java
*
/logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/LevelConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/CallerDataConverter.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggerRemoteView.java
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```

```

/**

```



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```

Found in path(s):

```

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/pattern/EpochConverter.java

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Found in path(s):

```

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/ConfiguratorRank.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/Configurator.java
* /logback-classic-1-5-25-sources-
jar/ch/qos/logback/classic/joran/serializedModel/HardenedModelInputStream.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/SerializedModelConfigurator.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/joran/ModelClassToModelHandlerLinker.java
*
/logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/encoder/JsonEncoder.java

```

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Found in path(s):

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/LoggingEvent.java
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Found in path(s):

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/TurboFilterList.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/spi/IThrowableProxy.java
* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/LoggerContext.java
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Found in path(s):

* /logback-classic-1-5-25-sources-jar/ch/qos/logback/classic/boolex/StubEventEvaluator.java

1.118 toml

d97def528e83313822a9f98946334ffccd542bdf

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1.119 testifylint

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The common/types/pb/equal.go modification of proto.Equal logic

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1.122 github.com/go-xmlfmt/xmlfmt v1.1.3

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1.123 kong

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1.126 cel-spec

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1.128 dst

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1.130 otelconnect-go

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1.132 github.com/ldez/tagliatelle v0.7.1

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1.133 protovalidate-go

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1.137 protocol

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1.139 protoyaml-go

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1.140 go-immutable-radix

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1.142 gomodguard

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1.146 errcheck

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1.147 go-connections

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1.151 github.com/ultraware/whitespace v0.2.0

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1.157 github.com/djarvur/go-err113

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1.159 go-yaml

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1.160 tsc-alias 1.8.15

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1.161 slog-context

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1.162 github.com/quasilyte/go-ruleguard/dsl

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1.164 client-model

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1.165 otelsarama

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1.172 usetesting

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1.173 zxcvbn-go

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1.174 colorprofile

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1.175 grpc-go

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1.176 go-check-sumtype

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1.177 xurls

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1.181 noctx

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Version 3, 29 June 2007

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1.183 makezero

400a290bcc0a331fc854e32c3911e326c46eadd
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1.184 github.com/julz/importas v0.2.0

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*/vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/PrometheusScrapingHandler.java
*/vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/PrometheusRequestHandler.java
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* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/backends/BackendRegistries.java
* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/meters/LongGaugeBuilder.java
* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/meters/LongGauges.java
*
* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/meters/LongAdderSupplier.java
* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/VertxDatagramSocketMetrics.java
* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/tags/Labels.java
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- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/backends/JmxBackendRegistry.java
- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/VertxPrometheusOptions.java
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- /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/backends/PrometheusBackendRegistry.java
- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/backends/BackendRegistry.java
- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/backends/InfluxDbBackendRegistry.java
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- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/MicrometerMetricsOptions.java
- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/VertxEventBusMetrics.java
- *
- /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/VertxHttpServerMetrics.java
- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/VertxPoolMetrics.java
- * /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/VertxNetClientMetrics.java

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* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/impl/VertxHttpClientMetrics.java
* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/MicrometerMetricsFactory.java
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* /vertx-micrometer-metrics-5-0-7-sources-jar/io/vertx/micrometer/MetricsDomain.java
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1.187 loggercheck

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shawnps

theory

jboverfelt

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```
//

package arangodb

import (
    "context"
    "net/http"

    "github.com/pkg/errors"

    "github.com/arangodb/go-driver/v2/arangodb/shared"
    "github.com/arangodb/go-driver/v2/connection"
)

// LicenseFeatures describes license's features.
type LicenseFeatures struct {
    // Expires is expiry date as Unix timestamp (seconds
    // since January 1st, 1970 UTC).
    Expires int `json:"expires"`
}

// LicenseStatus describes license's status.
type LicenseStatus string

const (
    // LicenseStatusGood - The license is valid for more than 2 weeks.
    LicenseStatusGood LicenseStatus = "good"

    // LicenseStatusExpired - The license has expired. In this situation, no new Enterprise Edition features can be
    // utilized.
    LicenseStatusExpired LicenseStatus = "expired"

    // LicenseStatusExpiring - The license is valid for less than 2 weeks.
    LicenseStatusExpiring LicenseStatus = "expiring"

    // LicenseStatusReadOnly - The license is expired over 2 weeks. The instance is now restricted to read-only mode.
    LicenseStatusReadOnly LicenseStatus = "read-only"
)

// License describes license information.
type License struct {
    // Features describe properties of the license.
    Features LicenseFeatures `json:"features"`

    // License is an encrypted license key in Base64 encoding.
    License string `json:"license,omitempty"`

    // Status is a status

```

of a license.

```
Status LicenseStatus `json:"status,omitempty"``
```

```
// Version is a version of a license.
```

```
Version int `json:"version"``
```

```
// Hash The hash value of the license.
```

```
Hash string `json:"hash,omitempty"``
```

```
}
```

```
func (c *clientAdmin) GetLicense(ctx context.Context) (License, error) {
```

```
var response struct {
```

```
    shared.ResponseStruct `json:",inline"``
```

```
    License
```

```
}
```

```
resp, err := connection.CallGet(ctx, c.client.connection, "_admin/license", &response)
```

```
if err != nil {
```

```
    return response.License, errors.WithMessage(err, "failed to get license")
```

```
}
```

```
switch code := resp.Code(); code {
```

```
case http.StatusOK:
```

```
    return response.License, nil
```

```
default:
```

```
    return License{}, response.AsArangoErrorWithCode(code)
```

```
}
```

```
}
```

```
func (c *clientAdmin) SetLicense(ctx context.Context, license string, force bool) error {
```

```
var response struct {
```

```
    shared.ResponseStruct `json:",inline"``
```

```
}
```

```
var modifiers []connection.RequestModifier
```

```
if force {
```

```
    modifiers = append(modifiers, connection.WithQuery("force", "true"))
```

```
}
```

```
resp,
```

```
err := connection.CallPut(ctx, c.client.connection, "_admin/license", &response, license, modifiers...)
```

```
if err != nil {
```

```
    return errors.WithStack(err)
```

```
}
```

```
switch code := resp.Code(); code {
```

```
case http.StatusCreated:
```

```
    return nil
```

```
default:
```

```
return response.AsArangoErrorWithCode(code)
}
}
```

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1.191 go-spew

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1.192 github.com/bkielbasa/cyclop v1.2.3

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1.193 bufplugin-go

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```

package info

```
import (  
    "errors"  
    "fmt"  
    "net/url"
```

```
    infov1 "buf.build/gen/go/bufbuild/bufplugin/protocolbuffers/go/buf/plugin/info/v1"  
    "buf.build/go/spdx"  
)
```

```
// License contains license information about a plugin.  
//  
// A License will either have raw text or a URL that contains the License.  
// Zero or one of these will be set.  
type License interface {  
    // SPDXMLicenseID returns the SPDX license  
    ID.  
    //  
    // Optional.  
    //  
    // Will be a valid SPDX license ID contained within https://spdx.org/licenses  
    // if present.
```



```

SPDXLicenseID() string
// Text returns the raw text of the License.
//
// At most one of Text and URL will be set.
Text() string
// URL returns the URL that contains the License.
//
// At most one of Text and URL will be set.
// Must be absolute if set.
URL() *url.URL

toProto() *infov1.License

isLicense()
}

// *** PRIVATE ***

type license struct {
    spdxLicenseID string
    text          string
    url           *url.URL
}

func newLicense(
    // Case-insensitive.
    spdxLicenseID string,
    text string,
    url *url.URL,
) (*license, error) {
    if spdxLicenseID != "" {
        spdxLicense, ok := spdx.LicenseForID(spdxLicenseID)
        if !ok {
            return nil, fmt.Errorf("unknown SPDX license ID: %q", spdxLicenseID)
        }
        // Case-sensitive.
        spdxLicenseID = spdxLicense.ID
    }
    if text != "" && url != nil {
        return nil, errors.New("info.License: both text and url are present")
    }
    if
    url != nil && url.Host == "" {
        return nil, fmt.Errorf("url %v must be absolute", url)
    }
    return &license{
        spdxLicenseID: spdxLicenseID,
        text:          text,

```

```

    url:      url,
  }, nil
}

func (l *license) SPDXLicenseID() string {
    return l.spdxLicenseID
}

func (l *license) Text() string {
    return l.text
}

func (l *license) URL() *url.URL {
    return l.url
}

func (l *license) toProto() *infov1.License {
    if l == nil {
        return nil
    }
    protoLicense := &infov1.License{
        SpdxLicenseId: l.SPDXLicenseID(),
    }
    if l.text != "" {
        protoLicense.Source = &infov1.License_Text{
            Text: l.text,
        }
    } else if l.url != nil {
        protoLicense.Source = &infov1.License_Url{
            Url: l.url.String(),
        }
    }
    return protoLicense
}

func (*license) isLicense() {}

// Need to keep as pointer for Go nil is not nil problem.
func licenseForProtoLicense(protoLicense *infov1.License) (*license, error) {
    if protoLicense == nil {
        return nil, nil
    }
    text := protoLicense.GetText()
    var uri *url.URL
    if
    urlString := protoLicense.GetUrl(); urlString != "" {
        var err error
        uri, err = url.Parse(urlString)

```

```
if err != nil {  
    return nil, err  
}  
}  
return newLicense(  
    protoLicense.GetSpdxLicenseId(),  
    text,  
    uri,  
)  
}
```

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1.194 go-tools

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1.195 github.com/butuzov/ireturn v0.4.0

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1.196 afero

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1.197 crypto

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1.199 plugin-module-register

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1.205 github.com/antonboom/errname v1.1.0

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1.206 [jackson module: blackbird](#) 2.20.1

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Jackson is a high-performance, Free/Open Source JSON processing library.

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1.207 swaggoswag

77f2aca3143e3e68e6cd086926f61bb1fd6584cc

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1.208 opentelemetry protocol 1.5.0-alpha

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1.209 vert.x core 5.0.7

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1.210 github.com/gostaticanalysis/comment v1.5.0

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1.211 semver

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1.212 standard-go

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```
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/UserHolder.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/AbstractSession.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/AllowForwardHeaders.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/Session.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/BodyHandler.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/TemplateHandler.java
*
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/ErrorHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/JWTAuthHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RoutingContextImplBase.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/MethodOverrideHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSHandlerOptions.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/BridgeEvent.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/DigestAuthHandlerImpl.java
```


- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RouteImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/HSTHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/LocalSessionStore.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/OAuth2AuthHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/impl/ClusteredSessionStoreImpl.java
- *
- /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/HTTPAuthorizationHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/OAuth2AuthHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/FormLoginHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/LoggerFormat.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/Route.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/CSPHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/SessionHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/JWTAuthHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/RedirectAuthHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/TimeoutHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RouterImpl.java
- * /vertx-web-5-0-7-sources-jar/module-info.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/AuthenticationHandlerImpl.java
- *
- /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/BodyHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/DigestAuthHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/LoggerHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/WebAuthn4JHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/SessionStore.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/FaviconHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/SessionHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/ResponseTimeHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSBridgeOptions.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/LoggerFormatter.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/FormLoginHandlerImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/XFrameHandler.java
- *
- /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/ClusteredSessionStore.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/AuthenticationHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/ChainAuthHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/TimeoutHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/ResponseTimeHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/StaticHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/FileUpload.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/MethodOverrideHandler.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/impl/SharedDataSessionImpl.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/HttpException.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RoutingContextWrapper.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/Router.java
- * /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/FaviconHandlerImpl.java
- *

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/vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/RedirectAuthHandler.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/SimpleAuthenticationHandler.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/impl/LocalSessionStoreImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/LRUCache.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/BridgeEventImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/FileUploadImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/StaticHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/BasicAuthHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/LoggerHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/APIKeyHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/ForwardedParser.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RoutingContextInternal.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/TemplateHandlerImpl.java
*
/vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/BlockingHandlerDecorator.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/ErrorHandler.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/sstore/impl/SessionInternal.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/BasicAuthHandler.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/APIKeyHandler.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/WebAuthn4JHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/Utils.java
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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/WebServerRequest.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/CSRFHandlerImpl.java
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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RequestBodyImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/CorsHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/OrderListener.java
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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/SecurityAuditLoggerHandlerImpl.java

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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/UserContext.java

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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/HotpAuthHandlerImpl.java

* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/PlatformHandler.java

* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/OtpAuthHandler.java

* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/SecurityPolicyHandler.java

*

/vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/ProtocolUpgradeHandler.java

* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/TotpAuthHandlerImpl.java

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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/impl/MultiTenantHandlerImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/impl/RouterState.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/MultiTenantHandler.java
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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSSocket.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/JsonCodec.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/SockJSImpl.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/SockJSSocketBase.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/SockJSSession.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/WebSocketTransport.java

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* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/XhrTransport.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/EventSourceTransport.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/BaseTransport.java
*
/vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/TransportListener.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/JsonPTransport.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/Transport.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/RawWebSocketTransport.java
* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/impl/HtmlFileTransport.java
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Found in path(s):

* /vertx-web-5-0-7-sources-jar/io/vertx/ext/web/handler/sockjs/SockJSHandler.java

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Found in path(s):

* /vertx-web-5-0-7-sources-jar/META-INF/maven/io.vertx/vertx-web/pom.xml

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```
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*  
* SPDX-License-Identifier: EPL-2.0 3  
*  
* Contributors: 1  
*   Stephane Bastian - initial API and implementation  
* *****/
```

Found in path(s):

* /vertx-web-5-0-7-sources-jar/io.vertx/ext/web/handler/AuthorizationHandler.java

* /vertx-web-5-0-7-sources-jar/io.vertx/ext/web/handler/impl/AuthorizationHandlerImpl.java

1.215 grignotin

**dddd61c2d54c30c7cfcc2c99ad4d9a009075e0
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1.216 gci

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1.217 go-netrc

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1.218 micrometer-core 1.16.2

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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/aop/MeterTag.java

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Found in path(s):

```
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/micrometer/MicrometerJvmThreadMeterConventions.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/otel/OpenTelemetryJvmCpuMeterConventions.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/OpenTelemetryApacheHttpClientObservationConven
tion.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/otel/OpenTelemetryJvmMemoryMeterConventions.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/convention/otel/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/MeterConvention.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/micrometer/MicrometerJvmClassLoadingMeterConventio
ns.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/OpenTelemetryApacheHttpClientObservationDocum
entation.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/JvmCpuMeterConventions.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/JvmClassLoadingMeterConventions.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/convention/micrometer/package-
info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/otel/OpenTelemetryJvmClassLoadingMeterConventions.j
ava
* /micrometer-core-1-16-2-sources-
```

```

jar/io/micrometer/core/instrument/binder/jvm/convention/JvmGcMeterConventions.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/JvmThreadMeterConventions.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/convention/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/JvmMemoryMeterConventions.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/SimpleMeterConvention.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/http/HttpMethods.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/micrometer/MicrometerJvmCpuMeterConventions.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/micrometer/MicrometerJvmMemoryMeterConventions.java
va
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jvm/convention/otel/OpenTelemetryJvmThreadMeterConventions.java
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```

* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/DefaultJerseyObservationConvention.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/commonspool2/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/kafka/package-info.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/JerseyObservationDocumentation.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/mongodb/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jpa/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/aop/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/observation/ObservationOrTimerCompatibleInstrumentation.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/observation/package-info.java

```

```

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/okhttp3/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/logging/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/validate/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/http/package-info.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/observation/MeterObservationHandler.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/ApacheHttpClientContext.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/JerseyObservationConvention.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/ApacheHttpClientObservationConvention.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/http/HttpJakartaServletRequestTagsProvider.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/tomcat/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/JerseyKeyValues.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/db/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/DefaultApacheHttpClientObservationConvention.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/system/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/HighCardinalityTagsDetector.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/annotation/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/JerseyContext.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/ipc/http/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/ObservationRequestEventListener.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/ApacheHttpClientObservationDocumentation.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/hystrix/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/kotlin/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/ObservationApplicationEventListener.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/docs/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/package-info.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/http/DefaultHttpJakartaServletRequestTagsProvider.java
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- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/mongodb/DefaultMongoCommandTagsProvider.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/CaffeineStatsCounter.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmInfoMetrics.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/grpc/MetricCollectingClientInterceptor.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/grpc/MetricCollectingServerInterceptor.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/grpc/MetricCollectingServerCall.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/grpc/package-info.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/mongodb/MongoCommandTagsProvider.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/grpc/AbstractMetricCollectingInterceptor.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/mongodb/DefaultMongoConnectionPoolTagsProvider.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/grpc/MetricCollectingServerCallListener.java
- *
- /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/grpc/MetricCollectingClientCallListener.java

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- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/TimedHandler.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Timer.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/TimedRunnable.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/PoolingHttpClientConnectionManagerMetricsBinder.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/PoolingHttpClientConnectionManagerMetricsBinder.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/TimedCallable.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/util/internal/logging/WarnThenDebugLogger.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpRequestExecutor.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/OnCompletionAsyncListener.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsCommandListener.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmMemory.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyConnectionMetrics.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsConnectionPoolListener.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/TimedScheduledExecutorService.java

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Found in path(s):

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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/util/internal/logging/LocationAwareSlf4JLogger.java
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Found in path(s):

```

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaConsumerMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/ipc/http/HttpStatusClass.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/ipc/http/OkHttpSender.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/NamedThreadFactory.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/push/PushRegistryConfig.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/ipc/http/URLConnectionSender.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/StrongReferenceGaugeFunction.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/MultiGauge.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/push/PushMeterRegistry.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/logging/LoggingRegistryConfig.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/ipc/http/HttpSender.java

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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/logging/LoggingMeterRegistry.java

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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/netty4/NettyMeters.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/ApacheHttpClientObservationConvention.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/FixedBoundaryHistogram.java

*

/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/netty4/NettyEventExecutorMetrics.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/MicrometerHttpClientInterceptor.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/jetty/JettyClientObservationDocumentation.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/ApacheHttpClientContext.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/netty4/NettyAllocatorMetrics.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/DefaultApacheHttpClientObservationConvention.java

a

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/aop/MeterTagAnnotationHandler.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepMeter.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/MicrometerHttpRequestExecutor.java

*

/micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/jetty/JettyClientObservationConvention.java

* /micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/http/HttpJakartaServletRequestTags.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientContext.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientKeyValues.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/netty4/package-info.java

```

* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jetty/DefaultJettyClientObservationConvention.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/HttpContextUtils.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/ApacheHttpClientObservationDocumentation.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/ObservationExecChainHandler.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/DefaultUriMapper.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/StepBucketHistogram.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/hc5/package-info.java
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jar/io/micrometer/core/instrument/internal/OnlyOnceLoggingDenyMeterFilter.java

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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/db/PostgreSQLDatabaseMetrics.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/ValueAtPercentile.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/package-info.java

* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/AbstractPartition.java

*

/micrometer-core-1-16-2-sources-

jar/io/micrometer/core/instrument/binder/okhttp3/DefaultOkHttpObservationConvention.java

- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/JerseyTags.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepCounter.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/DoubleFormat.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/system/DiskSpaceMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/pause/NoPauseDetector.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/CaffeineCacheMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/BaseUnits.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/InvalidConfigurationException.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/system/FileDescriptorMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/package-info.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/distribution/pause/ClockDriftPauseDetector.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/DistributionSummary.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/NoopHistogram.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/package-info.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopFunctionCounter.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepRegistryConfig.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/AbstractCompositeMeter.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/JCacheMetrics.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/push/package-info.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/DefaultLongTaskTimer.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardRate.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/EhCache2Metrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/NamingConvention.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmThreadMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/annotation/Incubating.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/aop/CountedAspect.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Measurement.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/StringEscapeUtils.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeTimeGauge.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepDouble.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeFunctionTimer.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/Histogram.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/IOUtils.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/db/DatabaseTableMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/cumulative/CumulativeCounter.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/TimedExecutorService.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/logging/Log4j2Metrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/TimeUtils.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmCompilationMetrics.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/ClassLoaderMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepTimer.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/CacheMeterBinder.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepMeterRegistry.java

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* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/config/MissingRequiredConfigurationException.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Counter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/aop/TimedAspect.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpObservationInterceptor.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/FunctionCounter.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Tag.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/DistributionStatisticConfig.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/Mergeable.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopMeter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeFunctionCounter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepDistributionSummary.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeLongTaskTimer.java
* /micrometer-core-1-16-2-sources-
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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopLongTaskTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyStatisticsMetrics.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/MockClock.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopGauge.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisherThreadPool.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepLong.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/DefaultMeter.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisher.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/PercentileHistogramBuckets.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardConfig.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/FunctionTimer.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/simple/CountingMode.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/annotation/Timed.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/TimeWindowMax.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopTimer.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisherCommand.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/cumulative/CumulativeTimer.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/MetricsApplicationEventListener.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardTimer.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpMetricsEventListener.java
*

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/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopFunctionTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/JerseyTagsProvider.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/HistogramSnapshot.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/search/MeterNotFoundException.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Clock.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Metrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Tags.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/StringUtils.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardFunctionTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeCustomMeter.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/cumulative/CumulativeFunctionCounter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/CountAtBucket.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/distribution/TimeWindowFixedBoundaryHistogram.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopDistributionSummary.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/search/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Statistic.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/MeterRegistry.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/ImmutableTag.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/pause/PauseDetector.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Gauge.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/MeterEquivalence.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpContext.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/MeterPartition.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/Meter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/MeterRegistryConfig.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/pause/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopCounter.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/dropwizard/DropwizardDistributionSummary.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/system/ProcessorMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/ExecutorServiceMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/MeterFilterReply.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/annotation/TimedSet.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpObservationConvention.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/AbstractTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/TimedFinder.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/MetricsRequestEventListener.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/HistogramGauges.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardFunctionCounter.java

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*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpObservationDocumentation.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeCounter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepFunctionTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmMemoryMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeMeter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/HistogramSupport.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jersey/server/AnnotationFinder.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/noop/NoopTimeGauge.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/HierarchicalNameMapper.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardClock.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/simple/SimpleMeterRegistry.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/util/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardMeterRegistry.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/MeterBinder.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardGauge.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/HazelcastCacheMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/GuavaCacheMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/DefaultGauge.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/search/RequiredSearch.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/distribution/AbstractTimeWindowHistogram.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepFunctionCounter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/simple/SimpleConfig.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/system/UptimeMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/internal/TimedExecutor.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/AbstractDistributionSummary.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/LongTaskTimer.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/logging/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardCounter.java
*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/tomcat/TomcatMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/hystrix/HystrixMetricsBinder.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/distribution/TimeWindowPercentileHistogram.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeGauge.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/simple/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/search/Search.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/MeterFilter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/DiskSpaceMetrics.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jersey/server/DefaultJerseyTagsProvider.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/TimeGauge.java

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*
/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/composite/CompositeMeterRegistry.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/AbstractMeter.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmGcMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/cumulative/package-info.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/annotation/Counted.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/cumulative/CumulativeDistributionSummary.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/logging/LogbackMetrics.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jpa/HibernateMetrics.java
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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/grpc/ObservationGrpcServerCall.java
*
/micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/grpc/ObservationGrpcClientCallListener.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/grpc/ObservationGrpcClientCall.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/grpc/GrpcClientObservationContext.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/grpc/ObservationGrpcServerCallListener.java
* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/grpc/ObservationGrpcServerInterceptor.java
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jar/io/micrometer/core/instrument/binder/grpc/ObservationGrpcClientInterceptor.java
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jar/io/micrometer/core/instrument/binder/grpc/DefaultGrpcServerObservationConvention.java
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- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaStreamsMetrics.java
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- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/db/MetricsDSLContext.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/commonspool2/CommonsObjectPool2Metrics.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/http/DefaultHttpServletRequestTagsProvider.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/cache/HazelcastIMapAdapter.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaClientMetrics.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/validate/PropertyValidator.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/validate/ValidationException.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaMetrics.java
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- jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpClientInterceptor.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/distribution/TimeWindowSum.java
- *
- /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jpa/HibernateQueryMetrics.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/mongodb/MongoConnectionPoolTagsProvider.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/AbstractTimerBuilder.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/MeterRegistryConfigValidator.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepTuple2.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/step/StepValue.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/distribution/FixedBoundaryVictoriaMetricsHistogram.java
- * /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/http/Outcome.java
- * /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/http/HttpServletRequestTagsProvider.java
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- /micrometer-core-1-16-2-sources-
- jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpConnectionPoolMetrics.java

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jar/io/micrometer/core/instrument/binder/httpcomponents/DefaultUriMapper.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/HttpContextUtils.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/db/JooqExecuteListener.java
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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/config/validate/Validated.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientTagsProvider.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientTags.java
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/micrometer-core-1-16-2-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmHeapPressureMetrics.java
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jar/io/micrometer/core/instrument/internal/CumulativeHistogramLongTaskTimer.java
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jar/io/micrometer/core/instrument/binder/jetty/JettyServerThreadPoolMetrics.java
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* /micrometer-core-1-16-2-sources-
jar/io/micrometer/core/instrument/binder/jetty/InstrumentedQueuedThreadPool.java
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jar/io/micrometer/core/instrument/kotlin/ObservationCoroutineContextServerInterceptor.kt
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* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/util/internal/logging/Slf4JLoggerFactory.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/util/internal/logging/AbstractInternalLogger.java
* /micrometer-core-1-16-2-sources-jar/io/micrometer/core/util/internal/logging/Slf4JLogger.java
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Version 3, 29 June 2007

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1.224 go-ansiterm

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1.226 go-critic

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1.231 github.com/stbenjam/no-sprintf-host-port v0.2.0

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2e1c4818ccfdcf953ce399cadad615ff2bed968c

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1.235 github.com/leonklingele/grouper v1.1.2

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* (see

<https://github.com/google/guava/blob/0a17f4a429323589396c38d8ce75ca058faa6c64/guava/src/com/google/common/hash/Hashing.java#L559>)

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* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/SimHashVersion.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/Hasher64.java
*
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/FastSimHashVersion.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/WyhashFinal3.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/MinHashVersion.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/distinctcount/MartingaleEstimator.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/ElementHashProvider.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/distinctcount/StateChangeObserver.java
* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/HashValue128.java
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- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/HashFunnel.java
- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/util/PackedArray.java
- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/FastSimHashPolicy_v1.java
- *
- /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/HashStream128.java
- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/HashStream.java
- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/HashStream32.java
- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/SuperMinHashPolicy_v1b.java
- * /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/similarity/SimHashPolicy_v1.java
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* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/AbstractHasher128.java

* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/distinctcount/UltraLogLog.java

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* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/random/PseudoRandomGeneratorProvider.java

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 *
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n/hash/FarmHashFingerprint64.java

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* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/Hasher32.java
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* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/hashing/Hasher128.java
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* /hash4j-0-20-0-sources-jar/com/dynatrace/hash4j/ hashing/AbstractKomihash.java
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1.242 opentelemetry-go-contrib

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d

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* github.com/BurntSushi/toml - <https://github.com/BurntSushi/toml>

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* golang.org/x/mod/module - <https://github.com/golang/mod>

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* golang.org/x/tools/go/analysis - <https://github.com/golang/tools>

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// SPDX Document for version 2.2 of the spec.
type OtherLicense struct {
    // 10.1: License Identifier: "LicenseRef-[idstring]"
    // Cardinality: conditional (mandatory, one) if license is not
    //         on SPDX License List
    LicenseIdentifier string `json:"licenseId"`

    // 10.2: Extracted Text
    // Cardinality: conditional (mandatory, one) if there is a
    //         License Identifier assigned
    ExtractedText string `json:"extractedText"`

    // 10.3: License Name: single line of text or "NOASSERTION"
    // Cardinality: conditional (mandatory, one) if license is not
    //         on SPDX License List
    LicenseName string `json:"name,omitempty"`

    // 10.4: License Cross Reference
    // Cardinality: conditional (optional, one or many) if license
    //         is not on SPDX License List
    LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

    //
    // 10.5: License Comment
    // Cardinality: optional, one
    LicenseComment string `json:"comment,omitempty"`
}

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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// SPDX Document for version 2.1 of the spec.
type OtherLicense struct {

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// Cardinality: conditional (mandatory, one) if license is not
//      on SPDX License List
LicenseIdentifier string `json:"licenseId"`

// 6.2: Extracted Text
// Cardinality: conditional (mandatory, one) if there is a
//      License Identifier assigned
ExtractedText string `json:"extractedText"`

// 6.3: License Name: single line of text or "NOASSERTION"
// Cardinality: conditional (mandatory, one) if license is not
//      on SPDX License List
LicenseName string `json:"name,omitempty"`

// 6.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
//      is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

// 6.5:
License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}

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LicenseIdentifier string `json:"licenseId"`

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ExtractedText string `json:"extractedText"`

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// Cardinality: conditional (optional, one or many) if license
//      is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`
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// Cardinality:
optional, one
LicenseComment string `json:"comment,omitempty"`
}

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metrics from the pseudo-filesystem proc.
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```

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localtime.go, localtime_test.go:

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Changes:

- * Renamed files from civil* to localtime*.
- * Package changed from civil to toml.
- * 'Local' prefix added to all structs.

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1.247 github.com/moricho/tparallel v0.3.2

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// Package copyright checks that files have the correct copyright notices.
package copyright

```
import (  
    "go/ast"  
    "go/parser"  
    "go/token"
```



```

"io/fs"
"os"
"path/filepath"
"regexp"
"strings"
)

// (used only by tests)
func checkCopyright(dir string) ([]string, error) {
    var files []string
    err := filepath.WalkDir(dir, func(path string, d fs.DirEntry, err error) error {
        if err != nil {
            return err
        }
        if d.IsDir() {
            // Skip directories like ".git".
            if strings.HasPrefix(d.Name(), ".") && d.Name() != "." && d.Name() != ".." {
                return filepath.SkipDir
            }
            // Skip any directory that starts with an underscore, as the go
            // command would.
            if strings.HasPrefix(d.Name(), "_") {
                return filepath.SkipDir
            }
        }
        return nil
    })
    needsCopyright, err := checkFile(dir, path)
    if err != nil {
        return err
    }
    if
needsCopyright {
        files = append(files, path)
    }
    return nil
})
return files, err
}

var copyrightRe = regexp.MustCompile(`Copyright \d{4} The Go Authors. All rights reserved.
Use of this source code is governed by a BSD-style
license that can be found in the LICENSE file.`)

func checkFile(toolsDir, filename string) (bool, error) {
    // Only check Go files.
    if !strings.HasSuffix(filename, ".go") {
        return false, nil
    }
}

```

```

// Don't check testdata files.
normalized := strings.TrimPrefix(filepath.ToSlash(filename), filepath.ToSlash(toolsDir))
if strings.Contains(normalized, "/testdata/") {
    return false, nil
}
// goyacc is the only file with a different copyright header.
if strings.HasSuffix(normalized, "cmd/goyacc/yacc.go") {
    return false, nil
}
content, err := os.ReadFile(filename)
if err != nil {
    return false, err
}
fset := token.NewFileSet()
parsed, err := parser.ParseFile(fset, filename, content, parser.ParseComments)
if err != nil {
    return false, err
}
//
Don't require headers on generated files.
if ast.IsGenerated(parsed) {
    return false, nil
}
shouldAddCopyright := true
for _, c := range parsed.Comments {
    // The copyright should appear before the package declaration.
    if c.Pos() > parsed.Package {
        break
    }
    if copyrightRe.MatchString(c.Text()) {
        shouldAddCopyright = false
        break
    }
}
return shouldAddCopyright, nil
}
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package licenses_test

import (
    "bytes"
    "os"
    "os/exec"
    "runtime"
    "testing"

```

```

)

func TestLicenses(t *testing.T) {
    if runtime.GOOS != "linux" && runtime.GOOS != "darwin" {
        t.Skip("generating licenses only works on Unixes")
    }
    tmp, err := os.CreateTemp("", "")
    if err != nil {
        t.Fatal(err)
    }
    tmp.Close() // ignore error

    if out, err := exec.Command("./gen-licenses.sh", tmp.Name()).CombinedOutput(); err != nil {
        t.Fatalf("generating licenses failed: %q, %v", out, err)
    }

    got, err := os.ReadFile(tmp.Name())
    if err != nil {
        t.Fatal(err)
    }
    want, err := os.ReadFile("licenses.go")
    if err != nil {
        t.Fatal(err)
    }
    if !bytes.Equal(got, want) {
        t.Error("combined license text needs updating. Run: `go generate ./internal/licenses` from the gopls module.")
    }
}

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package copyright

import (
    "strings"
    "testing"
)

func TestToolsCopyright(t *testing.T) {
    files, err := checkCopyright("../")
    if err != nil {
        t.Fatal(err)
    }
    if len(files) > 0 {
        t.Errorf("The following files are missing copyright notices:\n%s", strings.Join(files, "\n"))
    }
}

```

```
# This list is used to help generate the GitHub handles in the
# contributor shout-out of each gopls release note.
#
# Use a command such as this to convert a range of git commits:
#
# $ join -o 2.2 <(git log --format="format: %aE" gopls/v0.18.1..gopls/v0.19.0-pre.3 | sort -u) \
#      <(grep '^[^#]' ~/w/xtools/gopls/contributors.txt | sort)
#
# Use -v 1 instead of -o 2.2 to detect any missing entries.
```

```
acehinnnqru@gmail.com acehinnnqru
adonovan@google.com adonovan
albertofanjul@gmail.com albfan
alessandro.arzilli@gmail.com aarzilli
ashurbekovz23@gmail.com ashurbekovz
cuong.manhle.vn@gmail.com cuonglm
dmitshur@golang.org dmitshur
dneil@google.com neild
egonelbre@gmail.com egonelbre
email@ssnk.in shashank-priyadarshi
ethan.reesor@gmail.com firelizzard18
gobot@golang.org gopherbot
hxjiang@golang.org h9jiang
imcusg@gmail.com cuishuang
jacob.b.bailey@gmail.com jakebailey
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mkalil@google.com madelinekalil
mrnk3078@gmail.com karamaru-alpha
nguyenbao1917@gmail.com danztran
nick.ripley@datadoghq.com
nsrip-dd
pjw@google.com pjweinb
rfindley@google.com findleyr
samthanawalla@google.com samthanawalla
sean@liao.dev seankhliao
tklauser@distanz.ch tklauser
veblomqvist@gmail.com vikblom
weingartner@google.com kwjw
xieyuschen@gmail.com xieyuschen
```

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```

```
//go:generate ./gen-licenses.sh licenses.go
package licenses
```

const Text = `
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1.251 logrus

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1.253 stream-json 1.9.1

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localtime.go, localtime_test.go:

Originals:

<https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go>

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Changes:

- * Renamed files from civil* to localtime*.
- * Package changed from civil to toml.
- * 'Local' prefix added to all structs.

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1.255 github.com/nishanth/exhaustive v0.12.0

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1.258 go-exhaust

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1.266 github.com/quasilyte/regex/syntax **b3f0c404a727**

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1.268 strcase

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1.269 github.com/quasilyte/stdinfo f7386bf02567

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1.270 [godot](https://github.com/godot)

e41434ac02ee59108df785e4fe9ad327bd228be 0

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1.271 compress

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```

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```

```
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```

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Jan Mercl <0xjnm1@gmail.com>
Jonathan Swinney <jswinney@amazon.com>
Kai Backman <kaib@golang.org>
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- * /lombok-1-18-40-sources-jar/lombok/javac/package-info.java
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 * /lombok-1-18-40-sources-jar/lombok/eclipse/HandlerLibrary.java
 * /lombok-1-18-40-sources-jar/lombok/delombok/ant/DelombokTask.java
 * /lombok-1-18-40-sources-jar/lombok/javac/HandlerLibrary.java
 * /lombok-1-18-40-sources-jar/lombok/core/AnnotationProcessor.java
 * /lombok-1-18-40-sources-jar/lombok/delombok/ant/DelombokTaskImpl.java

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 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleWith.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleAccessors.java

* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleWith.java

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* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationSource.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationParser.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/FileSystemSourceCache.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/NullCheckExceptionType.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/BubblingConfigurationResolver.java
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 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleData.java
 * /lombok-1-18-40-sources-jar/lombok/core/handlers/SneakyThrowsAndCleanupDependencyInfo.java
 * /lombok-1-18-40-sources-jar/lombok/transform/TestSourceFiles.java
 * /lombok-1-18-40-sources-jar/lombok/transform/TestWithEcj.java
 * /lombok-1-18-40-sources-jar/lombok/delombok/DelombokApp.java
 * /lombok-1-18-40-sources-jar/lombok/core/runtimeDependencies/CreateLombokRuntimeApp.java
 * /lombok-1-18-40-sources-jar/lombok/transform/TestWithDelombok.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleCleanup.java
 * /lombok-1-18-40-sources-jar/lombok/installer/eclipse/STSLocationProvider.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleToString.java
 *
 /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleEqualsAndHashCode.java
 * /lombok-1-18-40-sources-jar/lombok/installer/Installer.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleCleanup.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleSneakyThrows.java
 * /lombok-1-18-40-sources-jar/lombok/javac/JavacNode.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandlePrintAST.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandlePrintAST.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleData.java
 * /lombok-1-18-40-sources-jar/lombok/core/Main.java
 * /lombok-1-18-40-sources-jar/lombok/core/AST.java
 * /lombok-1-18-40-sources-jar/lombok/installer/eclipse/EclipseLocationProvider.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/EclipseNode.java
 * /lombok-1-18-40-sources-jar/lombok/transform/TestLombokFilesIdempotent.java

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 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleFieldDefaults.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleValue.java
 * /lombok-1-18-40-sources-jar/lombok/core/PublicApiCreatorApp.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleValue.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleExtensionMethod.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/agent/PatchDelegatePortal.java
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* /lombok-1-18-40-sources-jar/lombok/Getter.java
* /lombok-1-18-40-sources-jar/lombok/installer/InstallerGUI.java
* /lombok-1-18-40-sources-jar/lombok/installer/eclipse/EclipseProductLocation.java
* /lombok-1-18-40-sources-jar/lombok/Data.java
* /lombok-1-18-40-sources-jar/lombok/experimental/package-info.java
* /lombok-1-18-40-sources-jar/lombok/Synchronized.java
* /lombok-1-18-40-sources-jar/lombok/Cleanup.java
* /lombok-1-18-40-sources-jar/lombok/Lombok.java
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* /lombok-1-18-40-sources-jar/lombok/javac/apt/LombokFileObject.java
* /lombok-1-18-40-sources-jar/lombok/javac/apt/Javac7BaseFileObjectWrapper.java

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* /lombok-1-18-40-sources-jar/lombok/DirectoryRunner.java
* /lombok-1-18-40-sources-jar/lombok/AbstractRunTests.java
* /lombok-1-18-40-sources-jar/lombok/core/AnnotationValues.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleSneakyThrows.java
* /lombok-1-18-40-sources-jar/lombok/delombok/DocCommentIntegrator.java

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* /lombok-1-18-40-sources-jar/lombok/core/SpiLoadUtil.java
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- * /lombok-1-18-40-sources-jar/lombok/delombok/DelombokResult.java
- * /lombok-1-18-40-sources-jar/lombok/delombok/Delombok.java
- * /lombok-1-18-40-sources-jar/lombok/javac/JavacASTAdapter.java
- * /lombok-1-18-40-sources-jar/lombok/NonNull.java
- * /lombok-1-18-40-sources-jar/lombok/javac/JavacASTVisitor.java
- * /lombok-1-18-40-sources-jar/lombok/javac/JavacTransformer.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/EclipseASTVisitor.java
- * /lombok-1-18-40-sources-jar/lombok/core/TypeLibrary.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/EclipseASTAdapter.java

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* /lombok-1-18-40-sources-jar/lombok/eclipse/EclipseImportList.java
* /lombok-1-18-40-sources-jar/lombok/javac/JavacImportList.java
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* /lombok-1-18-40-sources-jar/lombok/EqualsAndHashCode.java
* /lombok-1-18-40-sources-jar/lombok/core/LombokNode.java
* /lombok-1-18-40-sources-jar/lombok/core/handlers/InclusionExclusionUtils.java
* /lombok-1-18-40-sources-jar/lombok/javac/apt/LombokProcessor.java
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- * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleBuilderDefault.java

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* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleLocked.java

* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleLockedUtil.java

* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleLockedRead.java

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* /lombok-1-18-40-sources-jar/lombok/javac/java6/CommentCollectingScannerFactory.java
* /lombok-1-18-40-sources-jar/lombok/javac/java6/CommentCollectingScanner.java
* /lombok-1-18-40-sources-jar/lombok/javac/java7/CommentCollectingScanner.java
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- * /lombok-1-18-40-sources-jar/lombok/installer/WindowsDriveInfo.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/agent/package-info.java
- * /lombok-1-18-40-sources-jar/lombok/installer/AppleNativeLook.java
- * /lombok-1-18-40-sources-jar/lombok/delombok/UnicodeEscapeWriter.java
- * /lombok-1-18-40-sources-jar/lombok/core/LombokApp.java
- * /lombok-1-18-40-sources-jar/lombok/javac/apt/package-info.java
- * /lombok-1-18-40-sources-jar/lombok/installer/CorruptedIdeLocationException.java
- * /lombok-1-18-40-sources-jar/lombok/core/runtimeDependencies/RuntimeDependencyInfo.java
- * /lombok-1-18-40-sources-jar/lombok/installer/package-info.java
- * /lombok-1-18-40-sources-jar/lombok/core/package-info.java

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* /lombok-1-18-40-sources-jar/lombok/bytecode/AsmUtil.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleVal.java
* /lombok-1-18-40-sources-jar/lombok/bytecode/PostCompilerApp.java
* /lombok-1-18-40-sources-jar/lombok/bytecode/SneakyThrowsRemover.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleDelegate.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleVal.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/agent/PatchVal.java

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* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleDelegate.java
 * /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationApp.java
 * /lombok-1-18-40-sources-jar/lombok/javac/JavacAugments.java
 * /lombok-1-18-40-sources-jar/lombok/core/configuration/FlagUsageType.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleFieldNameConstants.java
 * /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleFieldNameConstants.java

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* /lombok-1-18-40-sources-jar/lombok/TestBase.java

* /lombok-1-18-40-sources-jar/lombok/TestJavac.java

* /lombok-1-18-40-sources-jar/lombok/TestEclipse.java

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* /lombok-1-18-40-sources-jar/lombok/launch/PackageShader.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleSingularRemove.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/TransformationState.java
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* /lombok-1-18-40-sources-jar/lombok/core/configuration/LogDeclaration.java
* /lombok-1-18-40-sources-jar/lombok/CustomLog.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/IdentifierName.java
* /lombok-1-18-40-sources-jar/lombok/core/CleanupRegistry.java
* /lombok-1-18-40-sources-jar/lombok/core/CleanupTask.java

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- */
- /**
- * Adds the given new method declaration to the provided type AST Node.
- * Can also inject constructors.
- *
- * Also takes care of updating the JavacAST.
- *
- * Ordinarily the 'source' is determined automatically. In rare cases generally involving combinations between
- * annotations, some of which require re-attribution such as {@code @Delegate}, that doesn't work. This method
- * exists if you explicitly have the source.
- */

Found in path(s):

* /lombok-1-18-40-sources-jar/lombok/javac/handlers/JavacHandlerUtil.java

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* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singualars/EclipseGuavaTableSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleUtilityClass.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singualars/EclipseJavaUtilListSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/singualars/JavacJavaUtilListSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleHelper.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singualars/EclipseGuavaMapSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/singualars/JavacJavaUtilSetSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/singualars/JavacJavaUtilMapSingularizer.java
*

/lombok-1-18-40-sources-jar/lombok/javac/handlers/singualars/JavacGuavaTableSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/singualars/JavacGuavaMapSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singualars/EclipseGuavaSetListSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleHelper.java

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- * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singulares/EclipseJavaUtilSetSingularizer.java
- * /lombok-1-18-40-sources-jar/lombok/experimental/UtilityClass.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singulares/EclipseJavaUtilMapSingularizer.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/EclipseSingularesRecipes.java
- * /lombok-1-18-40-sources-jar/lombok/javac/handlers/JavacSingularesRecipes.java

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* /lombok-1-18-40-sources-jar/lombok/core/configuration/CapitalizationStrategy.java
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* /lombok-1-18-40-sources-jar/lombok/extern/slf4j/XSlf4j.java
* /lombok-1-18-40-sources-jar/lombok/Value.java
* /lombok-1-18-40-sources-jar/lombok/experimental/ExtensionMethod.java
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 * /lombok-1-18-40-sources-jar/lombok/launch/MavenEcjBootstrapAgent.java

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- * /lombok-1-18-40-sources-jar/lombok/delombok/LombokOptionsFactory.java
- * /lombok-1-18-40-sources-jar/lombok/core/debug/FileLog.java
- * /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationValueParser.java
- * /lombok-1-18-40-sources-jar/lombok/core/JavaIdentifiers.java
- * /lombok-1-18-40-sources-jar/lombok/javac/Javac6BasedLombokOptions.java
- * /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationResolver.java
- * /lombok-1-18-40-sources-jar/lombok/core/LombokImmutableList.java

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 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleGetter.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/EclipseHandlerUtil.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleSetter.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/agent/EclipsePatcher.java
 * /lombok-1-18-40-sources-jar/lombok/eclipse/EclipseAST.java

* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleEqualsAndHashCode.java
* /lombok-1-18-40-sources-jar/lombok/core/Version.java
* /lombok-1-18-40-sources-jar/lombok/javac/Javac.java
* /lombok-1-18-40-sources-jar/lombok/RunTestsViaDelombok.java
* /lombok-1-18-40-sources-jar/lombok/javac/JavacAST.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/TransformEclipseAST.java
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/lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleSetter.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleGetter.java
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* /lombok-1-18-40-sources-jar/lombok/javac/TreeMirrorMaker.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/agent/PatchDelegate.java
* /lombok-1-18-40-sources-jar/lombok/launch/PatchFixesHider.java
* /lombok-1-18-40-sources-jar/lombok/RunTestsViaEcj.java

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- * /lombok-1-18-40-sources-jar/lombok/javac/CompilerMessageSuppressor.java
- * /lombok-1-18-40-sources-jar/lombok/javac/JavacResolution.java

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* /lombok-1-18-40-sources-jar/lombok/installer/UninstallException.java

* /lombok-1-18-40-sources-jar/lombok/installer/InstallException.java

* /lombok-1-18-40-sources-jar/lombok/javac/apt/MessengerDiagnosticsReceiver.java

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* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleSuperBuilderRemove.java

* /lombok-1-18-40-sources-jar/lombok/installer/eclipse/RhcrLocationProvider.java

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- * /lombok-1-18-40-sources-jar/lombok/core/Augments.java

- * /lombok-1-18-40-sources-jar/lombok/core/debug/ProblemReporter.java

* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/package-info.java
* /lombok-1-18-40-sources-jar/lombok/core/FieldAugment.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationKeysLoader.java
* /lombok-1-18-40-sources-jar/lombok/experimental/Tolerate.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationProblemReporter.java
* /lombok-1-18-40-sources-jar/lombok/launch/Agent.java

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* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleBuilder.java
* /lombok-1-18-40-sources-jar/lombok/Builder.java
* /lombok-1-18-40-sources-jar/lombok/javac/JavacTreeMaker.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleNonNull.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleNonNull.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleBuilder.java
* /lombok-1-18-40-sources-jar/lombok/core/handlers/HandlerUtil.java
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* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleLocked.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleLockedRead.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleLockedWrite.java

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* /lombok-1-18-40-sources-jar/lombok/core/ClassLiteral.java
* /lombok-1-18-40-sources-jar/lombok/core/AlreadyHandledAnnotations.java
* /lombok-1-18-40-sources-jar/lombok/core/FieldSelect.java
* /lombok-1-18-40-sources-jar/lombok/extern/flogger/Flogger.java

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* /lombok-1-18-40-sources-jar/lombok/core/configuration/TypeName.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationDataType.java
* /lombok-1-18-40-sources-jar/lombok/javac/java8/CommentCollectingScanner.java
* /lombok-1-18-40-sources-jar/lombok/javac/java8/CommentCollectingParser.java
* /lombok-1-18-40-sources-jar/lombok/core/LombokInternalAliasing.java
* /lombok-1-18-40-sources-jar/lombok/javac/java9/CommentCollectingParser.java

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* /lombok-1-18-40-sources-jar/lombok/installer/IdeLocation.java
* /lombok-1-18-40-sources-jar/lombok/installer/OsUtils.java
* /lombok-1-18-40-sources-jar/lombok/installer/eclipse/EclipseProductLocationProvider.java

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- * /lombok-1-18-40-sources-jar/lombok/Delegate.java
- * /lombok-1-18-40-sources-jar/lombok/extern/java/Log.java
- * /lombok-1-18-40-sources-jar/lombok/extern/apachecommons/CommonsLog.java
- * /lombok-1-18-40-sources-jar/lombok/RequiredArgsConstructor.java
- * /lombok-1-18-40-sources-jar/lombok/experimental/var.java
- * /lombok-1-18-40-sources-jar/lombok/val.java
- * /lombok-1-18-40-sources-jar/lombok/extern/log4j/Log4j.java
- * /lombok-1-18-40-sources-jar/lombok/AllArgsConstructor.java
- * /lombok-1-18-40-sources-jar/lombok/NoArgsConstructor.java

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- * /lombok-1-18-40-sources-jar/lombok/eclipse/agent/ExtensionMethodCompletionProposal.java
- * /lombok-1-18-40-sources-jar/lombok/experimental/NonFinal.java
- * /lombok-1-18-40-sources-jar/lombok/core/HandlerPriority.java
- * /lombok-1-18-40-sources-jar/lombok/javac/ResolutionResetNeeded.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/DeferUntilPostDiet.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/agent/PatchExtensionMethodCompletionProposalPortal.java
- * /lombok-1-18-40-sources-jar/lombok/eclipse/agent/PatchExtensionMethodCompletionProposal.java
- * /lombok-1-18-40-sources-jar/lombok/javac/handlers/JavacResolver.java

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* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationFile.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/ConfigurationFileToSource.java
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* /lombok-1-18-40-sources-jar/lombok/javac/Javac8BasedLombokOptions.java
* /lombok-1-18-40-sources-jar/lombok/javac/java9/CommentCollectingParserFactory.java
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* /lombok-1-18-40-sources-jar/lombok/javac/handlers/singulars/JavacJavaUtilSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/javac/handlers/singulars/JavacJavaUtilListSetSingularizer.java
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* /lombok-1-18-40-sources-jar/lombok/eclipse/agent/EclipseLoaderPatcher.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/agent/PatchFixesShadowLoaded.java
* /lombok-1-18-40-sources-jar/lombok/core/debug/AssertionLogger.java
* /lombok-1-18-40-sources-jar/lombok/core/GuavaTypeMap.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/agent/EclipseLoaderPatcherTransplants.java
* /lombok-1-18-40-sources-jar/lombok/core/RunCoreTests.java
* /lombok-1-18-40-sources-jar/lombok/javac/apt/Processor.java
* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/singulars/EclipseJavaUtilSingularizer.java
* /lombok-1-18-40-sources-jar/lombok/core/configuration/CallSuperType.java
* /lombok-1-18-40-sources-jar/lombok/experimental/Helper.java
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- * /lombok-1-18-40-sources-jar/lombok/javac/java7/CommentCollectingParserFactory.java
- * /lombok-1-18-40-sources-jar/lombok/javac/java7/CommentCollectingParser.java
- * /lombok-1-18-40-sources-jar/lombok/javac/java6/CommentCollectingParser.java

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- * /lombok-1-18-40-sources-jar/lombok/core/PostCompilerTransformation.java

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* /lombok-1-18-40-sources-jar/lombok/eclipse/handlers/HandleJacksonized.java
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* /lombok-1-18-40-sources-jar/lombok/javac/handlers/HandleJacksonized.java
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1.274 unconvert

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1.277 github.com/golangci/dupl f665c8d69b32

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- * /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/impl/KafkaHeaderImpl.java
- * /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/KafkaHeader.java

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* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/OffsetAndMetadata.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/RecordMetadata.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/KafkaProducer.java

*

/vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/KafkaConsumer.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/impl/Helper.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/impl/CloseHandler.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/serialization/JsonArrayDeserializer.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/KafkaConsumerRecord.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/serialization/JsonObjectDeserializer.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/PartitionInfo.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/serialization/BufferDeserializer.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/impl/KafkaProducerRecordImpl.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/impl/KafkaConsumerRecordsImpl.java

*

/vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/serialization/JsonObjectSerializer.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/serialization/JsonArraySerializer.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/package-info.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/KafkaProducerRecord.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/impl/KafkaReadStreamImpl.java

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/impl/KafkaWriteStreamImpl.java

```

* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/Node.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/KafkaWriteStream.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/OffsetAndTimestamp.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/KafkaReadStream.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/impl/KafkaConsumerImpl.java
*
/vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/consumer/KafkaConsumerRecords.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/TopicPartition.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/producer/impl/KafkaProducerImpl.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/serialization/BufferSerializer.java
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* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/ConsumerGroupDescription.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/TopicDescription.java
*
/vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/MemberAssignment.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/DescribeClusterOptions.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/ListOffsetsResultInfo.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/NewTopic.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/DescribeConsumerGroupsOptions.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/ConfigSynonym.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/OffsetSpec.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/MemberDescription.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/ConsumerGroupListing.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/KafkaAdminClient.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/TopicPartitionInfo.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/DescribeTopicsOptions.java
*

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/vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/NewPartitions.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/ConfigResource.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/ConfigEntry.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/admin/impl/KafkaAdminClientImpl.java
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* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/tracing/TraceTags.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/tracing/ConsumerTracer.java
* /vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/tracing/TraceContext.java
*
/vertx-kafka-client-5-0-7-sources-jar/io/vertx/kafka/client/common/KafkaClientOptions.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ImplicitModelDataForComplexProperty.java

* /logback-core-1-5-25-sources-

jar/ch/qos/logback/core/rolling/DefaultTimeBasedFileNamingAndTriggeringPolicy.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/GenericXMLConfigurator.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/RollingFileAppender.java

*

/logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/TimeBasedArchiveRemover.java

* /logback-core-1-5-25-sources-

jar/ch/qos/logback/core/rolling/SizeAndTimeBasedFileNamingAndTriggeringPolicy.java

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```
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ContextAwarePropertyContainer.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/StringUtil.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/util/AggregationAssessor.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/util/PropertyModelHandlerHelper.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ConversionRuleModel.java
*
/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ConversionRuleModelHandler.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ResourceHandlerBase.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ResourceAction.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ResourceModel.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/MD5Util.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/HttpUtil.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/SizeAndTimeBasedFNATP.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/AbstractMultiThreadedHarness.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/LengthCounter.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/LengthCounterBase.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/RunnableWithCounterAndDone.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/IncludeModelHandler.java
*
/logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/ConverterSupplierByClassName.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ModelUtil.java
*/logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/StatusPrinter2.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/IsPropertyNullCondition.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/FileCollisionAnalyser.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/ByPropertiesConditionAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/conditional/ByPropertiesConditionModelHandler.java
*
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/SimpleTimeBasedGuard.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/PropertyEqualityCondition.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/IsPropertyDefinedCondition.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/conditional/ByPropertiesConditionModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/ReentryGuardFactory.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/ReentryGuard.java
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Found in path(s):

- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/SerializeModelAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/ModelClassToModelHandlerLinkerBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/SerializeModelModel.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/encoder/JsonEscapeUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/XTeeOutputStream.java
- *
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/SerializeModelModelHandler.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/DummyEncoder.java

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/**

- * Performs variable substitution on the provided {@code ref} string.
- *
- * <p>Value substitution will follow the order</p>
- *
- * properties defined in this {@link ModelInterpretationContext}
- * properties defined in the {@link Context context} of this {@link ModelInterpretationContext}
- * System properties
- * Environment variables
- *
- *
- * <p>If value substitution

occurs it will be output as a status message, unless marked confidential, that is,

- * if {@code ref} contains the case-insensitive strings PASSWORD, SECRET or CONFIDENTIAL.</p>
- *
- * @param ref the string that may contain variables to be substituted; can be {@code null}

* @return the string with substitutions applied if applicable; may return {@code null} if {@code ref} is {@code null}
*/

Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ModelInterpretationContext.java

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Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/sanity/AppenderWithinAppenderSanityChecker.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/AppenderRefDependencyAnalyser.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/DefaultProcessor.java

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Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/TimestampModelHandler.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/HardenedObjectInputStream.java

* /logback-core-1-5-25-sources-

jar/ch/qos/logback/core/model/processor/SequenceNumberGeneratorModelHandler.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/SequenceNumberGeneratorModel.java

```

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/TimestampModel.java
*
/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ShutdownHookModelHandler.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/DefineModelHandler.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ErrorCodes.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/JoranConfiguratorBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/util/ParentTag_Tag_Class_Tuple.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ImportModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ModelConstants.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/NOPModelHandler.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ProcessingPhase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/TimeBasedFileNamingAndTriggeringPolicy.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ComponentModel.java
*
/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ModelHandlerFactoryMethod.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/recovery/RecoveryListener.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/SiftModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/StatusListenerModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ImplicitModelAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/TimeBasedRollingPolicy.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/conditional/IfModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/DependencyDefinition.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/BaseModelAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ShutdownHookModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/util/TagUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/RefContainerDependencyAnalyser.java
*
/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/PhaseIndicator.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/ThenAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/EventEvaluatorModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/NamedModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/Model.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/conditional/ElseModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ModelHandlerBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/AppenderModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/ImplicitModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/InsertFromJNDIModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/conditional/ThenModelHandler.java
*
/logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/conditional/ElseModelHandler.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/ElseAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/DefineModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/IfAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/sanity/SanityChecker.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/SiftingAppenderBase.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/NOPSiftModelHandler.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/ImplicitModelHandler.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/SiftModelHandler.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/CompressionStrategy.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/ZipCompressionStrategy.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/CompressionStrategyBase.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/GZCompressionStrategy.java
 * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/XZCompressionStrategy.java
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Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/AppenderModelHandler.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/AppenderRefModel.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/NamedComponentModel.java

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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/FileTestUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/EnvUtilForTests.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/TrivialStatusListener.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/MockInitialContextFactory.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/TeeOutputStream.java
*

/*logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ConfigurationEvent.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/FileToBufferUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/DelayingListAppender.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/NPEAppender.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ConfigurationEventListener.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/CoreTestConstants.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/MockInitialContext.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/RandomUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/SimpleInvocationGate.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/testUtil/StringListAppender.java

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```

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/StatusUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/util/PropertySetter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/EnvUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/FileAppender.java
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```

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/ContextUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/SSLServerSocketAppenderBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/PropertyEvalScriptBuilder.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/Context.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/AbstractSSLServerSocketAppender.java
*
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/CoreConstants.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLComponent.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/CachingDateFormatter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/QueueFactory.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/ConfigurableSSLServerSocketFactory.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BoldYellowCompositeConverter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/ForegroundCompositeConverterBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/SaxEventInterpretationContext.java

```

- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/parser/Node.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/DefaultDiscriminator.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/CompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/AppenderAttachableImpl.java
- *
- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/StatusBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/parser/Token.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/recovery/ResilientOutputStreamBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/subst/Token.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/SpacePadder.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/CompressionMode.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/ConsoleAppender.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/FilterAttachableImpl.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/RolloverFailure.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/LoginAuthenticator.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/GrayCompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/PreSerializationTransformer.java
- *
- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/ActionException.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/ServerListener.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/ElementPath.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/DefaultNestedComponentRegistry.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/parser/SimpleKeywordNode.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/hook/DefaultShutdownHook.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/OptionHelper.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/KeyManagerFactoryFactoryBean.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/AbstractDiscriminator.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/MonoTypedConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/recovery/RecoveryCoordinator.java
- *
- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/CyclicBufferTracker.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/TrustManagerFactoryFactoryBean.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/ServerSocketListener.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/NoAutoStart.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/FileUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/AppenderBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/encoder/LayoutWrappingEncoder.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/util/RegularEscapeUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/InfoStatus.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/DefaultSocketConnector.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/subst/Parser.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/OnPrintStreamStatusListenerBase.java
- *
- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/AutoFlushingObjectWriter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/StatusListenerAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/helpers/Transform.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/GreenCompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/StatusListener.java

- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/FileStoreUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/IncludeAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/NewRuleAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/DeferredProcessingAware.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/HostClassAndPropertyDouble.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/parser/FormattingNode.java
- *
- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/FixedDelay.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/html/NOPTrowableRenderer.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/PatternLayoutBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/DelayStrategy.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/FormattingConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/AppenderRefAction.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/AsyncAppenderBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/hook/ShutdownHook.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/event/StartEvent.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/RemoteReceiverStreamClient.java
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- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/Status.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/DefaultInvocationGate.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/ArchiveRemover.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/ConfigurableSSLSocketFactory.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/encoder/EchoEncoder.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/ReplacingCompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/ANSIConstants.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/parser/OptionTokenizer.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/PropertyAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/DefinePropertyAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/PropertyWrapperForScripts.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/property/FileExistsPropertyDefiner.java
- *
- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/FileNamePattern.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/DefaultClass.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/PropertyDefinerBase.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/util/IEscapeUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/util/ConfigurationWatchListUtil.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/Discriminator.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/ErrorStatus.java
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- *
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/BasicStatusManager.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/StatusListenerAsList.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLNestedComponentRegistryRules.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ContextPropertyAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/TimestampAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/TimeBasedFileNamingAndTriggeringPolicyBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/helpers/NOPAppender.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ObjectWriter.java
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- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSL.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/OutputStreamAppender.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/conditional/Condition.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/FormatInfo.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/RenameUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/SiftAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/NOPAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/TokenConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/subst/NodeToStringTransformer.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ComponentTracker.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/EvaluationException.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/LifeCycleManager.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/TimeUtil.java
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- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/Client.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/ConverterUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BoldGreenCompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/DatePatternToRegexUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLConfigurable.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/SiftProcessor.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/AbstractComponentTracker.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/SMTPAppenderBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/PropertyContainer.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/KeyStoreFactoryBean.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/PostCompileProcessor.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BoldCyanCompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/parser/TokenStream.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/recovery/ResilientFileOutputStream.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/TriggeringPolicyBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/AppenderAttachable.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/FilterReply.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/WarnStatus.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/XMLUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/RollingPolicy.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/SystemInfo.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ImplicitModelData.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLConfiguration.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/WhiteCompositeConverter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/util/AsIsEscapeUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/Layout.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ConversionRuleAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/filter/AbstractMatcherFilter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/RedCompositeConverter.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/OnConsoleStatusListener.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/FilterAttachable.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/encoder/NonClosableInputStream.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/LayoutBase.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/AbstractSocketAppender.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/Action.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/RollingPolicyBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/ViewStatusMessagesServletBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/CyanCompositeConverter.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SecureRandomFactoryBean.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLParametersConfiguration.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/IntegerTokenConverter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BlueCompositeConverter.java
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/logback-core-1-5-25-sources-jar/ch/qos/logback/core/property/ResourceExistsPropertyDefiner.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/LogbackException.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/PreconditionValidator.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLConfigurableSocket.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/SizeBasedTriggeringPolicy.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BoldMagentaCompositeConverter.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/DateTokenConverter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/subst/Tokenizer.java

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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/PropertySetterException.java
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- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/StatusListenerConfigHelper.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ContextAwareBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/event/SaxEventRecorder.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/ConsoleTarget.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/EventEvaluatorAction.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/DynamicClassLoadingException.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/node/ComponentNode.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/encoder/Encoder.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/event/BodyEvent.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/Appender.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/StringCollectionUtil.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/ContextBase.java
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- /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/RuleStore.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/helpers/CyclicBuffer.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/PatternLayoutEncoderBase.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/read/CyclicBufferAppender.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/OnErrorConsoleStatusListener.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/helpers/ThrowableToStringArray.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/IdentityCompositeConverter.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/helper/PeriodicityType.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/ConfigurationWatchList.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/FileSize.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/SocketConnector.java
- *
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/Loader.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/event/EndEvent.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BoldWhiteCompositeConverter.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/RemoteReceiverServerListener.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/JoranConstants.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/NoAutoStartUtil.java
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- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/ConcurrentServerRunner.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/read/ListAppender.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/status/NopStatusListener.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/ClientVisitor.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/ElementSelector.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/AggregationType.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/sift/AppenderFactoryUsingSiftModel.java
- * /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ContextAwareImpl.java

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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/encoder/EncoderBase.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/CharSequenceToRegexMapper.java
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/logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/spi/JoranException.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/layout/EchoLayout.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/LiteralConverter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/recovery/ResilientSyslogOutputStream.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/EventEvaluator.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/ScanException.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/ssl/SSLConfigurableServerSocket.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/JNDIUtil.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/Converter.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/filter/EvaluatorFilter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/color/BoldBlueCompositeConverter.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/EventEvaluatorBase.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/CloseUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/filter/Filter.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/SyslogConstants.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/FixedWindowRollingPolicy.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ActionUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/ShutdownHookAction.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/net/server/RemoteReceiverClient.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/hook/ShutdownHookBase.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/rolling/SizeAndTimeBasedRollingPolicy.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/util/RestrictedEscapeUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/html/HTMLLayoutBase.java
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* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/PropertyCondition.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/conditional/IfModelHandler.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/joran/action/SequenceNumberGeneratorAction.java
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*/

Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/boolex/ExpressionPropertyCondition.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/VersionUtil.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/util/IntHolder.java
* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/processor/AppenderDeclarationAnalyser.java
No license file was found, but licenses were detected in source scan.

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* or (per the licensee's choosing)
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* under the terms of the GNU Lesser General Public License version 2.1
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*/

```

/**
 * Helper methods to deal with properties.
 *
 * <p>This class acts as a small container for substitution properties and
 * delegates actual variable substitution to {@link OptionHelper#substVars}.
 * It also offers a convenience method to mask confidential property values
 * (for example passwords) by returning a blurred placeholder.</p>
 *
 * @since 1.5.1
 */

    * Return a blurred placeholder for confidential properties.
    *
    * <p>If the
property name {@code ref} contains any of the case-insensitive
    * substrings {@code "password"}, {@code "secret"} or {@code "confidential"}
    * this method returns a fixed blurred string ("*****"). Otherwise, the
    * supplied {@code substituted} value is returned unchanged.</p>
    *
    * @param ref the property name to inspect; must not be {@code null}
    * @param substituted the substituted value to return when the property is not confidential
    * @return a blurred placeholder when the property appears confidential, otherwise {@code substituted}
    * @throws IllegalArgumentException when {@code ref} is {@code null}
    */

```

Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/model/util/VariableSubstitutionsHelper.java

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```

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 */

```

Found in path(s):

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/spi/LifeCycle.java

* /logback-core-1-5-25-sources-jar/ch/qos/logback/core/pattern/DynamicConverter.java

1.283 github.com/xo/terminfo abceb7e1c41e

1.283.1 Available under license :

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1.284 mvdan.cc/unparam 0df0534333a4

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1.285 jsonrpc2

8c68d4fd37cd4bd06b62b3243f0d2292c681d16

4

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1.286 protogetter

24924fd11d198b92e6b62efaa7be2576f2b0993

7

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1.287 golangci-lint

43d03392d7dc3746fa776dbddd66dfcccff7065

1

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Version 3, 29 June 2007

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1.288 micrometer-registry-otlp 1.16.2

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- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/CumulativeBase2ExponentialHistogram.java
- *
- /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/IndexProviderFactory.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/Base2ExponentialHistogram.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/OtlpStepTimer.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/package-info.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/OtlpHistogramSupport.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/AggregationTemporality.java
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- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/DefaultExponentialHistogramSnapshot.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/DeltaBase2ExponentialHistogram.java
- *
- /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/OtlpStepDistributionSummary.java
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- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/IndexProvider.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/CircularCountHolder.java
- * /micrometer-registry-otlp-1-16-2-sources-jar/io/micrometer/registry/otlp/internal/ExponentialHistogramSnapshot.java
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1.289 spdix-go

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1.292 github.com/matoous/godox v1.1.0

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1.296 grpcreflect-go

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1.300 github.com/ultraware/funlen v0.2.0

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1.303 github.com/tdakkota/asciicheck v0.4.1

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* /vertx-health-check-5-0-7-sources-jar/module-info.java

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1.313 github.com/muesli/termenv v0.16.0

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1.315 interrupt-go

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1.316 fatcontext

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1.318 funcorder

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1.319 golib

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1.320 inamedparam

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1.321 buf

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1

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/*

This is a license header.

It's separated by a newline

before the enums.

*/

```
enum Foo {
```

```
    FOO_UNKNOWN = 1;
```

```
}
```

```
enum Bar {
```

```
    BAR_UNKNOWN = 1;
```

```
}
```

```
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// See the License for the specific language governing permissions and
// limitations under the License.
```

```
// Generated. DO NOT EDIT.
```

```
package main
```

```
import _ "buf.build/go/bufprivateusage"
// This is a license header.
// It's separated by a newline
// before the messages.
```

```
message Foo {}
message Bar {}
```

```
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        Version 2.0, January 2004
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```

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```

```
package main
```

```
import (
    "bytes"
    "context"
    "fmt"
    "os"
    "regexp"

    "buf.build/go/app"
    "buf.build/go/app/appcmd"
    "github.com/bufbuild/buf/private/pkg/diff"
    "github.com/bufbuild/buf/private/pkg/git"
    "github.com/bufbuild/buf/private/pkg/licenseheader"
    "github.com/spf13/pflag"
)
```

```
const (
    use = "license-header"
```

```
    copyrightHolderFlagName = "copyright-holder"
    licenseTypeFlagName     = "license-type"
    yearRangeFlagName
        = "year-range"
    diffFlagName      = "diff"
    exitCodeFlagName  = "exit-code"
    ignoreFlagName    = "ignore"
    ignoreFlagShortName = "e"
)
```

```
func main() {
    appcmd.Main(context.Background(), newCommand())
}
```

```
func newCommand() *appcmd.Command {
    flags := newFlags()
    return &appcmd.Command{
        Use: use + " files...",
        Run: func(ctx context.Context, container app.Container) error {
            return run(ctx, container, flags)
        },
    }
}
```

```

    },
    BindFlags: flags.Bind,
}
}

```

```

type flags struct {
    LicenseType    string
    CopyrightHolder string
    YearRange      string
    Diff           bool
    ExitCode       bool
    Ignore         []string
}

```

```

func newFlags() *flags {
    return &flags{}
}

```

```

func (f *flags) Bind(flagSet *pflag.FlagSet) {
    flagSet.StringVar(
        &f.LicenseType,
        licenseTypeFlagName,
        "",
        "The license type. Must be one of [none,apache,proprietary].",
    )
    _ = appcmd.MarkFlagRequired(flagSet, licenseTypeFlagName)
    flagSet.StringVar(
        &f.CopyrightHolder,
        copyrightHolderFlagName,
        "",
        "The
copyright holder. Required if license type is not none.",
    )
    flagSet.StringVar(
        &f.YearRange,
        yearRangeFlagName,
        "",
        "The year range. Required if license type is not none.",
    )
    flagSet.BoolVar(
        &f.Diff,
        diffFlagName,
        false,
        "Print a diff instead of modifying the files.",
    )
    flagSet.BoolVar(
        &f.ExitCode,
        exitCodeFlagName,

```

```

false,
fmt.Sprintf("Exit with a non-zero exit code if a diff is present. Only valid with %s.", diffFlagName),
)
flagSet.StringSliceVarP(
&f.Ignore,
ignoreFlagName,
ignoreFlagShortName,
nil,
`File paths to ignore.
These are extended regexes in the style of egrep.
If a file matches any of these values, it will be ignored.
Only works if there are no arguments and license-header does its own search for files.` ,
)
}

```

```

func run(ctx context.Context, container app.Container, flags *flags) error {
if flags.ExitCode && !flags.Diff {
return appcmd.NewInvalidArgumentErrorf("cannot specify %s without %s",
exitCodeFlagName, diffFlagName)
}
licenseType, err := licenseheader.ParseLicenseType(flags.LicenseType)
if err != nil {
return appcmd.NewInvalidArgumentErrorf("--%s: %v", licenseTypeFlagName, err)
}
if licenseType != licenseheader.LicenseTypeNone {
if flags.CopyrightHolder == "" {
return newRequiredFlagError(copyrightHolderFlagName)
}
if flags.YearRange == "" {
return newRequiredFlagError(yearRangeFlagName)
}
}
filenames, err := getFilenames(ctx, container, flags.Ignore)
if err != nil {
return err
}
for _, filename := range filenames {
data, err := os.ReadFile(filename)
if err != nil {
return err
}
modifiedData, err := licenseheader.Modify(
licenseType,
flags.CopyrightHolder,
flags.YearRange,
filename,
data,
)
}

```

```

if err != nil {
    return err
}
if !bytes.Equal(data, modifiedData) {
    if flags.Diff {
        diffData, err := diff.Diff(
            ctx,
            data,
            modifiedData,
            filename,
            filename,
        )
        if err != nil
    {
        return err
    }
    if len(diffData) > 0 {
        if _, err := os.Stdout.Write(diffData); err != nil {
            return err
        }
        if flags.ExitCode {
            return app.NewError(100, "")
        }
    }
} else {
    fileInfo, err := os.Stat(filename)
    if err != nil {
        return err
    }
    if err := os.WriteFile(filename, modifiedData, fileInfo.Mode().Perm()); err != nil {
        return err
    }
}
}
return nil
}

func getFilenames(
    ctx context.Context,
    container app.Container,
    ignores []string,
) ([]string, error) {
    if container.NumArgs() > 0 {
        if len(ignores) > 0 {
            return nil, appcmd.NewInvalidArgumentErrorf("cannot use flag %q with any arguments", ignoreFlagName)
        }
        return app.Args(container), nil
    }

```



```

}
ignoreRegexps := make([]*regexp.Regexp, len(ignorees))
for i, ignore := range ignorees {
    ignoreRegexp, err := regexp.CompilePOSIX(ignore)
    if err != nil {
        return nil, err
    }
    ignoreRegexps[i] = ignoreRegexp
}
return git.NewLister().ListFilesAndUnstagedFiles(
    ctx,
    container,
    git.ListFilesAndUnstagedFilesOptions{
        IgnorePathRegexps:
    ignoreRegexps,
    },
)
}

func newRequiredFlagError(flagName string) error {
    return appcmd.NewInvalidArgumentErrorf("required flag %q not set", flagName)
}

geo license
bond license

```

1.322 github.com/mgechev/revive v1.11.0

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1.323 github.com/antonboom/nilnil v1.1.0

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1.324 [protoplugin](#)

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1.326 dupword

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1.327 gitlab.com/bosi/decoder v0.4.2

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1.328 depguard

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1.330 json-schema-validator 1.5.6

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Found in path(s):

- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ContainsValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ValidatorTypeCode.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ExclusiveMaximumValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ValidationContext.java
- *
- /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/NotValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/CustomErrorMessageType.java
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- /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/IfValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonMetaSchema.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DependentSchemas.java
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- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MaximumValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ExclusiveMinimumValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/NonValidationKeyword.java
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- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ErrorMessageType.java
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- *
- /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/TypeFactory.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/BaseJsonValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/format/BaseFormat.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/UnevaluatedPropertiesValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AbstractKeyword.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/NotAllowedValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MultipleOfValidator.java
- * /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonSchemaException.java

```

* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/PatternValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ItemsValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MinLengthValidator.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/PropertiesValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DependentRequired.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/format/AbstractFormat.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/EnumValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/RequiredValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/OneOfValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/format/EmailFormat.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MaxLengthValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MinimumValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AnyOfValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ThresholdMixin.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AllOfValidator.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/UniqueItemsValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AnnotationKeyword.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AdditionalPropertiesValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/RefValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AbstractJsonValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Format.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MinItemsValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/UriSchemaLoader.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/UnionTypeValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DependenciesValidator.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MaxItemsValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonSchema.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonSchemaFactory.java
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Found in path(s):

```
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/InvalidSchemaException.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/GraalJSRegularExpression.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/DisallowSchemaLoader.java
*
/json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareObjectNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/serialization/JsonMapperFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/ClasspathSchemaLoader.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/output/OutputUnitData.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareLongNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/utils/Classes.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/InputFormat.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/SchemaLoaders.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareArrayNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonMetaSchemaFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DynamicRefValidator.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/utils/AbsoluteIris.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/MetaSchemaMapper.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/FailFastAssertionException.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/SchemaMappers.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareFloatNode.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareNullNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DiscriminatorValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/serialization/node/JsonLocationAware.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareDecimalNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/SchemaMapper.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/JDKRegularExpressionFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/SchemaLoader.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/LocationJsonNodeFactoryFactory.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareBigIntegerNode.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareBinaryNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DefaultJsonMetaSchemaFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonSchemaVersion.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/JoniRegularExpressionFactory.java
* /json-schema-validator-1-5-6-sources-
```

```

jar/com/networknt/schema/serialization/node/JsonLocationAwareTextNode.java
*
/json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwarePOJONode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DisallowUnknownJsonMetaSchemaFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/UnknownKeywordFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/AllowRegularExpressionFactory.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/LocationJsonNodeFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/VocabularyFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/InvalidSchemaRefException.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/output/ListOutputUnitFormatter.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/SchemaId.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/output/OutputUnit.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/GraalJSRegularExpressionFactory.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareDoubleNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Utils/JsonNodes.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/output/HierarchicalOutputUnitFormatter.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/output/OutputUnitKey.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/KeywordFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/serialization/JsonNodeReader.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Vocabularies.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/GraalJSContextFactory.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareBooleanNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/AllowSchemaLoader.java
*
/json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareIntNode.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/regex/ECMAScriptRegularExpressionFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Vocabulary.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/GraalJSRegularExpressionContext.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonSchemaIdValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/DefaultSchemaLoader.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Utils/JsonSchemaRefs.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Formats.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/serialization/node/JsonNodeFactoryFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/serialization/YamlMapperFactory.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/DisallowUnknownKeywordFactory.java
* /json-schema-validator-1-5-6-sources-
jar/com/networknt/schema/serialization/node/JsonLocationAwareShortNode.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ContentMediaTypeValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/regex/RegularExpressionFactory.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ContentEncodingValidator.java

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```

* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ExecutionContextCustomizer.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/annotation/JsonNodeAnnotation.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/MessageSourceValidationMessage.java
*
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/i18n/ResourceBundleMessageSource.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/annotation/JsonNodeAnnotations.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/OutputFormat.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonNodePath.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/annotation/JsonNodeAnnotationPredicate.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AbsoluteIri.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/i18n/MessageFormatter.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/utils/CachingSupplier.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/i18n/DefaultMessageSource.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ExecutionConfig.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/CachedSupplier.java
*
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ExecutionContext.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/result/JsonNodeResult.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/SchemaLocation.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/i18n/MessageSource.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/result/JsonNodeResults.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/i18n/Locales.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/resource/InputStreamSource.java
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* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Collector.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/Utils/StringUtils.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/TrueValidator.java
*
/json-schema-validator-1-5-6-sources-jar/com/networknt/schema/AbstractCollector.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/CollectorContext.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/ConstValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/SpecVersion.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/JsonSchemaRef.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/PropertyNamesValidator.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/FalseValidator.java
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* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/format/TimeFormat.java
* /json-schema-validator-1-5-6-sources-jar/com/networknt/schema/format/RegexFormat.java
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```
* /json-schema-validator-1-5-6-sources-  
jar/com/networknt/org/apache/commons/validator/routines/RegexValidator.java  
*  
/json-schema-validator-1-5-6-sources-  
jar/com/networknt/org/apache/commons/validator/routines/DomainValidator.java  
* /json-schema-validator-1-5-6-sources-  
jar/com/networknt/org/apache/commons/validator/routines/InetAddressValidator.java  
* /json-schema-validator-1-5-6-sources-  
jar/com/networknt/org/apache/commons/validator/routines/EmailValidator.java
```

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