



Open Source Used In Cisco Secure Endpoint Connector (Mac) 1.27.1

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Dominic Battr <battro@chromium.org>
Doug Kwan <dougkwan@google.com>
Dmitriy Vyukov <dvukov@google.com>
John Millikin <jmillikin@gmail.com>
Mike Nazarewicz <mpn@google.com>
Nico Weber <thakis@chromium.org>
Pawel Hajdan <phajdan.jr@gmail.com>
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Stefano Rivera <stefano.rivera@gmail.com>
Srinivasan Venkatachary <vsri@google.com>
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1.3 jansson 2.11

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1.5 pcre2 10.34

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1.6 llhttp 8.1.0

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1.7 capnproto 0.10.4

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Kenton Varda <kenton@sandstorm.io> <kenton@cloudflare.com>: Primary Author

Jason Choy <jjwchoy@gmail.com>: kj/threadlocal.h and other iOS tweaks, `name` annotation in C++ code generator

Remy Blank <rblank@google.com> (contributions copyright Google Inc.): KJ Timers

Joshua Warner <joshuawarner32@gmail.com>: cmake build, AnyStruct/AnyList, other stuff

Scott Purdy <scott@fer.io>: kj/std iostream interface

Bryan Borham <bjborham@gmail.com>: Initial MSVC support

Philip Quinn <p@partylemon.com>: cmake build and other assorted bits

Brian Taylor <el.wubo@gmail.com>: emacs syntax highlighting

Ben Laurie <ben@links.org>: discovered and responsibly disclosed security bugs

Kamal Marhubi <kamal@marhubi.com>: JSON parser

Oliver Kuckertz <oliver.kuckertz@mologie.de>: FdObserver POLLPRI support
Harris
Hancock <vortrab@gmail.com>: MSVC support
Branislav Katreniak <branislav.katreniak@digitalstrom.com>: JSON decode
Matthew Maurer <matthew.r.maurer@gmail.com>: Canonicalization Support
David Renshaw <david@sandstorm.io>: bugfixes and miscellaneous maintenance
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1.10 crashpad 0.8.0 + P + 00c5d06

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1.11 xmlsec 1.2.38

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1.12 curl 8.12.1

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1.14 clamav 1.4.3

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Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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```

//! `ioctl` opcode behavior for BSD platforms.

use super::{Direction, RawOpcode};

pub(super) const fn compose_opcode(
    dir: Direction,
    group: RawOpcode,
    num: RawOpcode,
    size: RawOpcode,
) -> RawOpcode {
    let dir = match dir {
        Direction::None => NONE,
        Direction::Read => READ,
        Direction::Write => WRITE,
        Direction::ReadWrite => READ | WRITE,
    };

    dir | num | (group << 8) | ((size & IOCPARAM_MASK) << 16)
}

// `IOC_VOID`
pub const NONE: RawOpcode = 0x2000_0000;
// `IOC_OUT` ("out" is from the perspective of the kernel)
pub const READ: RawOpcode = 0x4000_0000;
// `IOC_IN`
pub const WRITE: RawOpcode = 0x8000_0000;
pub const IOCPARAM_MASK: RawOpcode = 0x1FFF;
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```

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This is a list of contributors to the exrs project.

- * [Johannes Vollmer](<https://github.com/johannesvollmer>)
- * [Mandeep Bhutani](<https://github.com/mandeep>)
- * [Daniel Santana](<https://github.com/dgsantana>)
- * [Karel Peeters](<https://github.com/KarelPeeters>)
- * [Dorian Fevrier](<https://github.com/Narann>)
- * [Andrey Fedotov](<https://github.com/anfedotoff>)
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- * [Andrey Fedotov](<https://github.com/anfedotoff>)
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- * [Michael Ciraci](<https://github.com/michaelciraci>)
- * [Oscar](<https://github.com/okey>)
- * [Dongjia "toka" Zhang](<https://github.com/tokatoka>)
- * [Marijn Suijten](<https://github.com/MarijnS95>)

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