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1. Seti UI - A subtle dark colored UI theme for Atom. (https://github.com/jesseweed/seti-ui)

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1.4 zlib 1.2.8

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no

1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
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2.2.3	2.2.2	2003	PSF	yes
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2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
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2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
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3.0.1	3.0	2009	PSF	yes
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==========
Distutils2 Contributors
==========

The Distutils2 project was started by Tarek Ziad and is currently
maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order,
and welcome into the Fellowship of the Packaging!

Thanks to:

- Rajiv Abraham
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- Pior Bastida
- Anthony Baxter
- Erik Bray
- C. Titus Brown
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- Brian Rosner
- Vinay Sajip
- Victor Stinner
- Alexandre Vassalotti
- Nadeem Vawda
Metadata-Version: 1.0
Name: setuptools
Version: 0.6c9
Summary: Download, build, install, upgrade, and uninstall Python packages -- easily!
Home-page: http://pypi.org/pypi/setuptools
Author: Phillip J. Eby
Author-email: distutils-sig@python.org
License: PSF or ZPL
Description: ==========
    Installing and Using Setuptools
    ==========

    .. contents:: **Table of Contents**

    Installation Instructions

    Windows
    =======

    Install setuptools using the provided ``.exe`` installer. If you've previously
    installed older versions of setuptools, please delete all ``setuptools*.egg``
    and ``setuptools.pth`` files from your system's ``site-packages`` directory
    (and any other ``sys.path`` directories) FIRST.

    If you are upgrading a previous version of setuptools that was installed using
    an ``.exe`` installer,
please be sure to also *uninstall that older version*
    via your system's "Add/Remove Programs" feature, BEFORE installing the newer
    version.

    Once installation is complete, you will find an ``easy_install.exe`` program in
    your Python ``Scripts`` subdirectory. Be sure to add this directory to your
    ``PATH`` environment variable, if you haven't already done so.

RPM-Based Systems
==========

Install setuptools using the provided source RPM. The included ``.spec`` file assumes you are installing using the default ``python`` executable, and is not specific to a particular Python version. The ``easy_install`` executable will be installed to a system ``bin`` directory such as ``/usr/bin``.

If you wish to install to a location other than the default Python installation's default ``site-packages`` directory (and ``$prefix/bin`` for scripts), please use the ``.egg``-based installation approach described in the following section.

Cygwin, Mac OS X, Linux, Other
==========

1. Download the appropriate egg for your version of Python (e.g. ``setuptools-0.6c9-py2.4.egg``). Do NOT rename it.

2. Run it as if it were a shell script, e.g. ``sh setuptools-0.6c9-py2.4.egg``. Setuptools will install itself using the matching version of Python (e.g. ``python2.4``), and will place the ``easy_install`` executable in the default location for installing Python scripts (as determined by the standard distutils configuration files, or by the Python installation).

If you want to install setuptools to somewhere other than ``site-packages`` or your default distutils installation locations for libraries and scripts, you may include EasyInstall command-line options such as ``--prefix``, ``--install-dir``, and so on, following the ``.egg`` filename on the same command line. For example::

sh setuptools-0.6c9-py2.4.egg --prefix=~

You can use ``--help`` to get a full options list, but we recommend consulting the `EasyInstall manual`_ for detailed instructions, especially `the section on custom installation locations`_.

.. _EasyInstall manual: http://peak.telecommunity.com/DevCenter/EasyInstall
.. _the section on custom installation locations: http://peak.telecommunity.com/DevCenter/EasyInstall#custom-installation-locations

Cygwin Note

If you are trying to install setuptools for the **Windows** version of Python
(as opposed to the Cygwin version that lives in ``/usr/bin``), you must make
sure that an appropriate executable (``python2.3``, ``python2.4``, or
``python2.5``) is on your **Cygwin** ``PATH`` when invoking the egg. For
example, doing the following at a Cygwin bash prompt will install setuptools
for the **Windows** Python found at ``C:\\Python24``::

```
ln -s /cygdrive/c/Python24/python.exe python2.4
PATH=.:$PATH sh setuptools-0.6c9-py2.4.egg
rm python2.4
```

Downloads
=========

All setuptools downloads can be found at `the project's home page in the Python
Package Index`_. Scroll to the very bottom of the page to find the links.

.. _the project's home page in the Python Package Index: http://pypi.org/pypi/setuptools

In addition to the PyPI downloads, the development version of ``setuptools``
is available from the `Python SVN sandbox`_, and in-development versions of the
`0.6 branch`_ are available as well.

.. _0.6 branch: http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06

.. _Python SVN sandbox: http://svn.python.org/projects/sandbox/trunk/setuptools/#egg=setuptools-dev

---
Using
Setuptools and EasyInstall

Here are some of the available manuals, tutorials, and other resources for
learning about Setuptools, Python Eggs, and EasyInstall:

* `The EasyInstall user's guide and reference manual`_
* `The setuptools Developer's Guide`_
* `The pkg_resources API reference`_
* `Package Compatibility Notes`_ (user-maintained)
* `The Internal Structure of Python Eggs`_

Questions, comments, and bug reports should be directed to the `distutils-sig
mailing list`_. If you have written (or know of) any tutorials, documentation,
plug-ins, or other resources for setuptools users, please let us know about
them there, so this reference list can be updated. If you have working,

tested patches to correct problems or add features, you may submit them to
the `setuptools bug tracker`_.

.. _setuptools bug tracker: http://bugs.python.org/setuptools/
.. _Package Compatibility Notes: http://peak.telecommunity.com/DevCenter/PackageNotes
.. _The Internal Structure of Python Eggs: http://peak.telecommunity.com/DevCenter/EggFormats
.. _The setuptools Developer's Guide: http://peak.telecommunity.com/DevCenter/setuptools
.. _The pkg_resources API reference: http://peak.telecommunity.com/DevCenter/PkgResources
.. _The EasyInstall user's guide and reference manual: http://peak.telecommunity.com/DevCenter/EasyInstall
.. _distutils-sig mailing list: http://mail.python.org/pipermail/distutils-sig/

Credits
---

* The original design for the ``.egg`` format and the ``pkg_resources`` API was
co-created by Phillip Eby and Bob Ippolito. Bob also implemented the first
version of ``pkg_resources``, and supplied the OS X operating system version
compatibility algorithm.

* Ian Bicking implemented many early "creature
comfort" features of
easy_install, including support for downloading via Sourceforge and
Subversion repositories. Ian's comments on the Web-SIG about WSGI
application deployment also inspired the concept of "entry points" in eggs,
and he has given talks at PyCon and elsewhere to inform and educate the
community about eggs and setuptools.

* Jim Fulton contributed time and effort to build automated tests of various
aspects of ``easy_install``, and supplied the doctests for the command-line
``.exe`` wrappers on Windows.

* Phillip J. Eby is the principal author and maintainer of setuptools, and
first proposed the idea of an importable binary distribution format for
Python application plug-ins.

* Significant parts of the implementation of setuptools were funded by the Open
Source Applications Foundation, to provide a plug-in infrastructure for the
Chandler PIM application.
In addition, many OSAF staffers (such as Mike
"Code Bear" Taylor) contributed their time and stress as guinea pigs for the
use of eggs and setuptools, even before eggs were "cool". (Thanks, guys!)

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Platform: UNKNOWN
Classifier: Development Status :: 3 - Alpha

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.7 openssl 3.2.1

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1.9 typeguard 4.3.0

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1.10 cachecontrol 0.12.11

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1.11 importlib_resources 6.4.0

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1.12 platformdirs 4.5.0

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1.13 sqlite 3.41.2-r3

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1.14 pytz 2024.1

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1.15 python-certifi 2025.10.05

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1.16 importlib-metadata 8.5.0

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1.17 cryptography 42.0.5

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1.19 python-dateutil 2.8.1

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1.20 packaging 25.0

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1.21 kerberos 1.20.2-r1

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lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c

lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including

the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.24 cffi 1.16.0

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1.25 pycparser 2.21

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pycparser -- A C parser in Python

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1.26 more-itertools 10.3.0

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1.27 krb5-conf 1.0-r2

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
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lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
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lib/gssapi/mechglue/g_store_cred.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c

lib/kdb/kdb_log.h
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kprop/kpropd_rpc.c
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1.28 pax-utils 1.3.7-r1

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1.29 six 1.16.0

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1.30 semver 2.13.0

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..
  Local variables:
  coding: utf-8
  mode: text
  mode: rst
  End:
  vim: fileencoding=utf-8 filetype=rst :

1.31 jaraco-functools 4.0.1

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1.34 jsonschema 3.2.0

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1.36 busybox 1.36.1-r7

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1.37 shapely 1.7.1

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1.38 async-timeout 4.0.3

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1.39 tzdata 2025b-r0

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1.40 zipp 3.19.2

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1.41 ca-certificates 20241121-r1

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member
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All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes

1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1	2001-now		PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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  - project: `fastjsonschema` - licensed under BSD-3-Clause
    (https://github.com/horejsek/python-fastjsonschema)
- `extra_validations.py` and `format.py`, `error_reporting.py`:
  - project: `validate-pyproject` - licensed under MPL-2.0
    (https://github.com/abravalheri/validate-pyproject)

Additionally the following files are automatically generated by tools provided
by the same projects:

-
`__init__.py`
- `fastjsonschema_validations.py`

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`fastjsonschema`
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1.44 rich 12.6.0

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1.47 pyyaml 6.0.1

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1.48 distro 1.9.0

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1.49 aiohttp-swagger 1.0.16

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1.50 python3-asn1crypto 1.5.1

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.58 yarl 1.9.4

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1.61 pyproject-hooks 1.0.0

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1.63 e2fsprogs 1.47.0-r2

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```
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===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
 /*
-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
-
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Source: http://sourceforge.net/projects/e2fsprogs
Comment:
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Theodore Ts'o
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```
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  Gnomovision
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  under certain conditions; type `show c' for details.
```

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```
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 `Gnomovision' (which makes passes at compilers) written by James Hacker.

 <signature of Ty Coon>, 1 April 1989
 Ty Coon, President of Vice
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compelled
to copy the source along with the object code.

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<signature of Ty Coon>, 1 April 1990
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That's all there is to it!

```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
```

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1.64 distro 1.8.0

1.64.1 Available under license :

Thanks!

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file (certdata.txt). This file can be found in the mozilla source tree:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
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the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

Release Derived Year Owner GPL-

	from			compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2		2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
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Thanks to the many outside volunteers who have worked under Guido's
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see

https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.73 typing-extensions 4.15.0

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see https://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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Python releases are Open Source (see https://opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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1.74 urllib3 1.26.20

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1.75 gdbm 1.23-r1

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1.79 backports.tarfile 1.2.0

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1.80 python-setuptools 70.3.0

1.80.1 Available under license :

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python -m validate_pyproject.pre_compile --output-dir=setuptools/config/_validate_pyproject --enable-plugins setuptools distutils --very-verbose

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1.85 apispec 6.5.0

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1.87 importlib-resources 5.4.0

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1.88 protobuf 5.28.2

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1.90 expat 2.6.2-r0

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1.91 importlib-metadata 4.11.1

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1.92 python-pip 25.3

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Before (and including) argparse 1.1, the argparse package was licensed under
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After argparse 1.1, all project files from the argparse project were deleted
due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from
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file (certdata.txt). This file can be found in the mozilla source tree:
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It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with

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1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes

2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
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2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes

2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

2.3.1	2.3	2002-2003	PSF	yes
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2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
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2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
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3.2	3.1	2010	PSF	yes

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The Distutils2 project was started by Tarek Ziad and is currently maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in

"src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
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lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c

lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.101 python-requests 2.32.5

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1.102 tomli 2.0.1

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1.106 busybox 1.36.1-r5

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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1.108 xz 5.4.3-r1

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1.109 alpine-baselayout 3.4.3-r1

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```
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*
* usage: mkmntdirs [fstab]
*
*/
```

Found in path(s):
* /alpine-baselayout-master-zip/alpine-baselayout-master/src/mkmntdirs.c

1.110 python-setuptools 65.5.1

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
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All Python releases are Open Source (see http://www.opensource.org for
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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes

1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
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The code contained in this directory was automatically generated using the
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python -m validate_pyproject.pre_compile --output-dir=setuptools/config/_validate_pyproject --enable-plugins setuptools distutils --very-verbose

Please avoid changing it manually.

You can report issues or suggest changes directly to `validate-pyproject`
(or to the relevant plugin repository)

- https://github.com/abravalheri/validate-pyproject/issues

***

The following files include code from opensource projects
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- `fastjsonschema_exceptions.py`:
  - project: `fastjsonschema` - licensed under BSD-3-Clause
    (https://github.com/horejsek/python-fastjsonschema)
- `extra_validations.py` and `format.py`, `error_reporting.py`:
  - project: `validate-pyproject` - licensed under MPL-2.0
    (https://github.com/abravalheri/validate-pyproject)

Additionally the following files are automatically generated by tools provided
by the same projects:

-
`__init__.py`
- `fastjsonschema_validations.py`

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***

`fastjsonschema`
==========

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***

`validate-pyproject`
==========

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1.111 bridgeutils 1.36.1-r7

1.111.1 Available under license :

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```
From 4eb6d6b1f36e9bf976549f3071beb1192e11c4ca Mon Sep 17 00:00:00 2001
From: =?UTF-8?q?Timo=20Ter=C3=A4s?= <timo.teras@iki.fi>
Date: Sun, 25 Oct 2015 12:33:58 +0200
Subject: [PATCH] depmod: support generating kmod binary index files
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

This allows to use busybox depmod, and run daemons using libkmod (or
even kmod modprobe if needed).

About +1500 bytes when enabled. This patch merges some depmod code
paths, so when this is disabled it shrinks the code size a little bit.

---
modutils/Config.src |   9 ++
modutils/depmod.c   | 281 ++++++++++++++++++++++++++++++++++++++--------
modutils/modprobe.c |  15 ---
modutils/modutils.c |  31 +++++
modutils/modutils.h |  16 +++
5 files changed, 286 insertions(+), 66 deletions(-)

diff --git a/modutils/Config.src b/modutils/Config.src
index 188296814..7a4c037ad 100644
--- a/modutils/Config.src
+++
 b/modutils/Config.src
@@ -152,6 +152,15 @@ config FEATURE_MODUTILS_ALIAS

 Say Y if unsure.

+config FEATURE_MODUTILS_BIN
+ bool "Support for the kmod .bin file format"
+ default n
+ depends on DEPMOD && !MODPROBE_SMALL
+ help
+   Generate kmod compatible binary index files for .dep, .alias,
+   .symbols and .builtin files. Allows mixing use of busybox
+   modutils and kmod (binaries and library).
+
config FEATURE_MODUTILS_SYMBOLS
```

```
 bool "Support module.symbols file"
 default y
diff --git a/modutils/depmod.c b/modutils/depmod.c
index bb42bbefe..9b034db0a 100644
--- a/modutils/depmod.c
+++ b/modutils/depmod.c
@@ -2,7 +2,7 @@
/*
 * depmod - generate modules.dep
 * Copyright (c) 2008 Bernhard Reutner-Fischer
- * Copyrihgt (c) 2008 Timo Teras <timo.teras@iki.fi>
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@@ -25,6 +25,24 @@
#include "modutils.h"
 #include <sys/utsname.h> /* uname() */

+#define INDEX_MINCHAR 32
+#define INDEX_MAXCHAR 128
+
+typedef struct index_node {
+ char *prefix;
+ llist_t *values;
+ struct index_node *children[INDEX_MAXCHAR-INDEX_MINCHAR];
+} index_node;
+
+struct globals {
+ module_db db;
+ index_node *root_node;
+} FIX_ALIASING;
+#define G (*ptr_to_globals)
+#define INIT_G() do { \
+ SET_PTR_TO_GLOBALS(xzalloc(sizeof(G))); \
+} while (0)
+
/*
 * Theory of operation:
 * - iterate over all modules and record their full path
@@ -53,18 +71,12 @@ static int FAST_FUNC parse_module(struct recursive_state *state,

 for (ptr = image; ptr < image + len - 10; ptr++) {
  if (is_prefixed_with(ptr, "depends=")) {
-   char *u;
-
   ptr += 8;
-   for (u = ptr; *u; u++)
```

```
-    if (*u == '-')
-     *u = '_';
-   ptr += string_to_llist(ptr, &e->deps, ",");
+   string_to_llist(replace_underscores(ptr), &e->deps, ",");
  } else if (ENABLE_FEATURE_MODUTILS_ALIAS
   && is_prefixed_with(ptr, "alias=")
  ) {
-   llist_add_to(&e->aliases,
 xstrdup(ptr + 6));
-   ptr += strlen(ptr);
+   llist_add_to(&e->aliases, replace_underscores(xstrdup(ptr + 6)));
  } else if (ENABLE_FEATURE_MODUTILS_SYMBOLS
   && is_prefixed_with(ptr, "__ksymtab_")
  ) {
@@ -74,9 +86,10 @@ static int FAST_FUNC parse_module(struct recursive_state *state,
   ) {
    continue;
   }
-   llist_add_to(&e->symbols, xstrdup(ptr));
-   ptr += strlen(ptr);
-  }
+   llist_add_to(&e->symbols, xasprintf("symbol:%s", ptr));
+  } else
+   continue;
+  ptr += strlen(ptr);
 }
 free(image);

@@ -108,12 +121,6 @@ static void order_dep_list(module_db *modules, module_entry *start, llist_t *add
 }
}

-static void xfreopen_write(const char *file, FILE *f)
-{
- if (freopen(file, "w", f) == NULL)
-  bb_perror_msg_and_die("can't open '%s'", file);
-}
-
//usage:#if !ENABLE_MODPROBE_SMALL
//usage:#define depmod_trivial_usage "[-n] [-b BASE] [VERSION] [MODFILES]..."
//usage:#define depmod_full_usage "\n\n"
@@ -167,6 +174,169 @@ enum {
 OPT_C
 = (1 << 9), /* -C,--config etc_modules_conf: ignored */
};

+/* Support for the mod binary index generation */
+
```

```
+static void index_init(const char *filename)
+{
+ if (ENABLE_FEATURE_MODUTILS_BIN) {
+  index_node *n;
+
+  n = xzalloc(sizeof(index_node));
+  n->prefix = xstrdup("");
+  G.root_node = n;
+ }
+
+ if (filename && !(option_mask32 & OPT_n)) {
+  if (freopen(filename, "w", stdout) == NULL)
+   bb_perror_msg_and_die("can't open '%s'", filename);
+ }
+}
+
+static void index_add(const char *key, char *value, const char *prefix)
+{
+ if (prefix && *prefix)
+  printf("%s%s %s\n", prefix, key, value);
+ else if (prefix)
+  printf("%s\n", value);
+
+ if (ENABLE_FEATURE_MODUTILS_BIN) {
+  index_node *cur = G.root_node, *n;
+  unsigned i = 0, j, ch;
+
+  while (1) {
+   /* Ensure node->prefix is a prefix of &str[i].
+    * If it is not already, then we must split node. */
+   for (j = 0; cur->prefix[j]; j++) {
+    ch = cur->prefix[j];
+    if (ch != key[i+j]) {
+     /* New child
 is copy of node with prefix[j+1..N] */
+     n = xzalloc(sizeof(index_node));
+     n->prefix = xstrdup(&cur->prefix[j+1]);
+     n->values = cur->values;
+     memcpy(n->children, cur->children, sizeof(n->children));
+
+     /* Parent has prefix[0..j], child at prefix[j] */
+     cur->prefix[j] = '\0';
+     cur->values = NULL;
+     memset(cur->children, 0, sizeof(cur->children));
+     cur->children[ch-INDEX_MINCHAR] = n;
+     break;
+    }
+   }
```

```
+   i += j;
+
+   ch = key[i];
+   if (ch == 0)
+    break;
+
+   if (ch < INDEX_MINCHAR || ch >= INDEX_MAXCHAR)
+    bb_simple_error_msg_and_die("bad module name");
+
+   ch -= INDEX_MINCHAR;
+   if (!cur->children[ch]) {
+    n = xzalloc(sizeof(index_node));
+    cur->children[ch] = n;
+    n->prefix = xstrdup(&key[i+1]);
+    cur = n;
+    break;
+   }
+
+   /* Descend into child node and continue */
+   cur = cur->children[ch];
+   i++;
+  }
+
+  llist_add_to(&cur->values, value);
+ }
+}
+
+static uint32_t index_write_node(FILE *out,
 index_node *n, void (*freeit)(void *data))
+{
+ uint32_t child_offs[INDEX_MAXCHAR-INDEX_MINCHAR];
+ uint32_t offset;
+ uint8_t first = 255, last = 0;
+ unsigned i;
+
+ for (i = 0; i < INDEX_MAXCHAR-INDEX_MINCHAR; i++) {
+  child_offs[i] = 0;
+  if (!n->children[i])
+   continue;
+  child_offs[i] = index_write_node(out, n->children[i], freeit);
+  if (first > INDEX_MAXCHAR)
+   first = i;
+  last = i;
+ }
+
+ offset = ftell(out);
+
+ if (n->prefix[0]) {
```

```
+  fputs(n->prefix, out);
+  fputc('\0', out);
+  offset |= INDEX_NODE_PREFIX;
+ }
+
+ if (first < INDEX_MAXCHAR) {
+  fputc(first + INDEX_MINCHAR, out);
+  fputc(last + INDEX_MINCHAR, out);
+  fwrite(child_offs + first, sizeof(uint32_t), last - first + 1, out);
+  offset |= INDEX_NODE_CHILDS;
+ }
+
+ if (n->values) {
+  const llist_t *v;
+  unsigned int cnt;
+  uint32_t u;
+
+  n->values = llist_rev(n->values);
+  for (v = n->values, cnt = 0; v != NULL; v = v->link, cnt++);
+  u = htonl(cnt);
+  fwrite(&u, sizeof(u), 1, out);
+  for (v
 = n->values, cnt = 0; v != NULL; v = v->link, cnt++) {
+   u = htonl(cnt);
+   fwrite(&u, sizeof(u), 1, out);
+   fputs(v->data, out);
+   fputc('\0', out);
+  }
+  offset |= INDEX_NODE_VALUES;
+ }
+
+ llist_free(n->values, freeit);
+ free(n->prefix);
+ free(n);
+
+ return htonl(offset);
+}
+
+static void index_dump(const char *filename, int deps_file)
+{
+ if (ENABLE_FEATURE_MODUTILS_BIN) {
+  FILE *out;
+  uint32_t header[3] = {
+   htonl(INDEX_MAGIC),
+   htonl(INDEX_VERSION),
+  };
+
+  if (option_mask32 & OPT_n)
```

```
+   filename = "/dev/null";
+  else
+   filename = xasprintf("tmp.%s.bin", filename);
+
+  out = xfopen_for_write(filename);
+  fwrite(header, sizeof(uint32_t), 3, out);
+  header[2] = index_write_node(out, G.root_node, deps_file ? free : 0);
+  rewind(out);
+  G.root_node = NULL;
+  fwrite(header, sizeof(uint32_t), 3, out);
+  if (fclose(out)) {
+   remove(filename);
+   bb_simple_error_msg_and_die(bb_msg_write_error);
+  }
+  /* .bin files are mmap'ed; not renaming it
 may crash
+   * long standing daemon using libkmod */
+  rename_or_warn(filename, filename + 4);
+ }
+}
+
int depmod_main(int argc, char **argv) MAIN_EXTERNALLY_VISIBLE;
int depmod_main(int argc UNUSED_PARAM, char **argv)
{
@@ -178,6 +348,8 @@ int depmod_main(int argc UNUSED_PARAM, char **argv)
 unsigned i;
 int tmp;

+ INIT_G();
+
 getopt32(argv, "aAb:eF:nruqC:", &moddir_base, NULL, NULL);
 argv += optind;

@@ -211,53 +383,60 @@ int depmod_main(int argc UNUSED_PARAM, char **argv)
 }

 /* Generate dependency and alias files */
- if (!(option_mask32 & OPT_n))
-  xfreopen_write(CONFIG_DEFAULT_DEPMOD_FILE, stdout);
-
+ index_init(CONFIG_DEFAULT_DEPMOD_FILE);
 moddb_foreach_module(&modules, m, i) {
-  printf("%s:", m->name);
-
+  char *buf = xasprintf("%s:", m->name);
  order_dep_list(&modules, m, m->deps);
+
  while (m->dnext != m) {
```

```
   dep = m->dnext;
-   printf(" %s", dep->name);
-
+   buf = gather_options_str(buf, dep->name);
   /* unlink current entry */
   dep->dnext->dprev
 = dep->dprev;
   dep->dprev->dnext = dep->dnext;
   dep->dnext = dep->dprev = dep;
  }
-  bb_putchar('\n');
+  index_add(m->modname, buf, "");
 }
-
-#if ENABLE_FEATURE_MODUTILS_ALIAS
- if (!(option_mask32 & OPT_n))
-  xfreopen_write("modules.alias", stdout);
- moddb_foreach_module(&modules, m, i) {
-  while (m->aliases) {
-   /*
-    * Last word used to be a basename
-    * (filename with path and .ko.* stripped)
-    * at the time of module-init-tools 3.4.
-    * kmod v.12 uses module name, i.e., s/-/_/g.
-    */
-   printf("alias %s %s\n",
-    (char*)llist_pop(&m->aliases),
-    m->modname);
+ index_dump(CONFIG_DEFAULT_DEPMOD_FILE, 1);
+
+ if (ENABLE_FEATURE_MODUTILS_ALIAS) {
+  index_init("modules.alias");
+  moddb_foreach_module(&modules, m, i) {
+   while (m->aliases) {
+    /*
+     * Last word used to be a basename
+     * (filename with path and .ko.* stripped)
+     * at the time of module-init-tools 3.4.
+     * kmod v.12 uses module name, i.e., s/-/_/g.
+     */
+    index_add((char*)llist_pop(&m->aliases),
 m->modname, "alias ");
+   }
  }
+  index_dump("modules.alias", 0);
 }
-#endif
-#if ENABLE_FEATURE_MODUTILS_SYMBOLS
```

```
- if (!(option_mask32 & OPT_n))
-  xfreopen_write("modules.symbols", stdout);
- moddb_foreach_module(&modules, m, i) {
-  while (m->symbols) {
-   printf("alias symbol:%s %s\n",
-    (char*)llist_pop(&m->symbols),
-    m->modname);
+ if (ENABLE_FEATURE_MODUTILS_SYMBOLS) {
+  index_init("modules.symbols");
+  moddb_foreach_module(&modules, m, i) {
+   while (m->symbols) {
+    index_add((char*)llist_pop(&m->symbols), m->modname, "alias ");
+   }
+  }
+  index_dump("modules.symbols", 0);
+ }
+ if (ENABLE_FEATURE_MODUTILS_BIN) {
+  char line[PATH_MAX], modname[MODULE_NAME_LEN];
+  FILE *in;
+
+  index_init(NULL);
+  in = xfopen_for_read("modules.builtin");
+  while (fgets(line, sizeof(line), in) != NULL) {
+   filename2modname(line, modname);
+   index_add(modname, (char *) "", 0);
  }
+  fclose(in);
+  index_dump("modules.builtin",
 0);
 }
-#endif

 if (ENABLE_FEATURE_CLEAN_UP)
  moddb_free(&modules);
diff --git a/modutils/modprobe.c b/modutils/modprobe.c
index 235706fd5..604d9e6b5 100644
--- a/modutils/modprobe.c
+++ b/modutils/modprobe.c
@@ -191,21 +191,6 @@ struct globals {

static int read_config(const char *path);

-static char *gather_options_str(char *opts, const char *append)
-{
- /* Speed-optimized. We call gather_options_str many times. */
- if (append) {
-  if (opts == NULL) {
-   opts = xstrdup(append);
```

```
-  } else {
-   int optlen = strlen(opts);
-   opts = xrealloc(opts, optlen + strlen(append) + 2);
-   sprintf(opts + optlen, " %s", append);
-  }
- }
- return opts;
-}
-
static struct module_entry *get_or_add_modentry(const char *module)
{
 return moddb_get_or_create(&G.db, module);
diff --git a/modutils/modutils.c b/modutils/modutils.c
index 037d609e4..502ad5422 100644
--- a/modutils/modutils.c
+++ b/modutils/modutils.c
@@ -67,6 +67,21 @@ void FAST_FUNC moddb_free(module_db *db)
 }
 }

+char * FAST_FUNC gather_options_str(char *opts, const char *append)
+{
+ /* Speed-optimized. We call gather_options_str many times. */
+ if (append) {
+  if (opts == NULL) {
+   opts = xstrdup(append);
+  } else {
+   int optlen = strlen(opts);
+   opts = xrealloc(opts, optlen + strlen(append) + 2);
+   sprintf(opts + optlen, " %s", append);
+  }
+ }
+ return opts;
+}
+
void FAST_FUNC replace(char *s, char what, char with)
{
 while (*s) {
@@ -76,6 +91,22 @@ void FAST_FUNC replace(char *s, char what, char with)
 }
}

+char* FAST_FUNC replace_underscores(char *s)
+{
+ int i;
+ for (i = 0; s[i]; i++) {
+  switch (s[i]) {
+  case '-':
```

```
+   s[i] = '_';
+   break;
+  case '[':
+   i += strcspn(&s[i], "]");
+   break;
+  }
+ }
+ return s;
+}
+
int FAST_FUNC string_to_llist(char *string, llist_t **llist, const char *delim)
{
 char *tok;
diff --git a/modutils/modutils.h b/modutils/modutils.h
index 4a702e97c..73e816028 100644
--- a/modutils/modutils.h
+++ b/modutils/modutils.h
@@
 -18,6 +18,20 @@ PUSH_AND_SET_FUNCTION_VISIBILITY_TO_HIDDEN
#define MODULE_NAME_LEN 256
#define MODULE_HASH_SIZE 256

+/* .bin index format definitions */
+#define INDEX_MAGIC 0xB007F457
+#define INDEX_VERSION_MAJOR 0x0002
+#define INDEX_VERSION_MINOR 0x0001
+#define INDEX_VERSION ((INDEX_VERSION_MAJOR<<16)|INDEX_VERSION_MINOR)
+
+enum node_offset {
+ INDEX_NODE_FLAGS = 0xF0000000, /* Flags in high nibble */
+ INDEX_NODE_PREFIX = 0x80000000,
+ INDEX_NODE_VALUES = 0x40000000,
+ INDEX_NODE_CHILDS = 0x20000000,
+ INDEX_NODE_MASK  = 0x0FFFFFFF, /* Offset value */
+};
+
typedef struct module_entry {
 struct module_entry *next;
 char *name, *modname;
@@ -47,7 +61,9 @@ module_entry *moddb_get(module_db *db, const char *s) FAST_FUNC;
module_entry *moddb_get_or_create(module_db *db, const char *s) FAST_FUNC;
void moddb_free(module_db *db) FAST_FUNC;

+char *gather_options_str(char *opts, const char *append) FAST_FUNC;
void replace(char *s, char what, char with) FAST_FUNC;
+char *replace_underscores(char
 *s) FAST_FUNC;
int string_to_llist(char *string, llist_t **llist, const char *delim) FAST_FUNC;
```

```
char *filename2modname(const char *filename, char *modname) FAST_FUNC;
#if ENABLE_FEATURE_CMDLINE_MODULE_OPTIONS
```

Found in path(s):
* /busybox-1-36-1-r7-zip/busybox/0019-depmod-support-generating-kmod-binary-index-files.patch
No license file was found, but licenses were detected in source scan.

```
From 7ea459b570760f8e836d05e58422dbd3a7d1b016 Mon Sep 17 00:00:00 2001
From: =?UTF-8?q?S=C3=B6ren=20Tempel?= <soeren+git@soeren-tempel.net>
Date: Sun, 19 Jun 2022 17:49:41 +0200
Subject: [PATCH] umount: Implement -O option to unmount by mount options
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

This commit adds an implementation of the umount -O option, as provided
by util-linux's mount(8) implementation, to BusyBox. Similar to -t, the
option is intended to be used in conjunction with -a thereby allowing
users to filter which file systems are unmounted by mount options.
Multiple options can be specified with -O, all of which need to match.
Each option can be prefixed with `no` to indicate that no action should
be taken for a mount point with this mount option. The "no" prefix
interpretation can be disabled using the "+" prefix.

At Alpine, this feature is often requested
 by users as the OpenRC
netmount service uses `umount -a -O _netdev` to amount all network
file systems [1] [2].

This implementation is functionally equivalent to the util-linux
implementation with the exception that it implements no special handling
for `key="value"` mount options to keep the implementation simple.
Therefore, filesystems mounted with options like `foo="bar"` won't
be matched by `umount -a -O foo`.

[1]: https://gitlab.alpinelinux.org/alpine/aports/-/issues/9923
[2]: https://gitlab.alpinelinux.org/alpine/aports/-/issues/13789

Signed-off-by: Sören Tempel <soeren@soeren-tempel.net>
Signed-off-by: Sören Tempel <soeren+git@soeren-tempel.net>
---
include/libbb.h      |  1 +
libbb/Kbuild.src     |  1 +
libbb/match_fsopts.c | 69 ++++++++++++++++++++++++++++++++++++++++++++++
util-linux/umount.c  | 10 +++++--
4 files changed, 78 insertions(+), 3 deletions(-)
create mode 100644 libbb/match_fsopts.c
```

```
diff --git a/include/libbb.h b/include/libbb.h
index cca33a177..ad41adec8
 100644
--- a/include/libbb.h
+++ b/include/libbb.h
@@ -1586,6 +1586,7 @@ const struct hwtype *get_hwntype(int type) FAST_FUNC;


extern int fstype_matches(const char *fstype, const char *comma_list) FAST_FUNC;
+extern int fsopts_matches(const char *opts_list, const char *reqopts_list) FAST_FUNC;
#ifdef HAVE_MNTENT_H
extern struct mntent *find_mount_point(const char *name, int subdir_too) FAST_FUNC;
#endif
diff --git a/libbb/Kbuild.src b/libbb/Kbuild.src
index 653025e56..4bb8260b9 100644
--- a/libbb/Kbuild.src
+++ b/libbb/Kbuild.src
@@ -120,6 +120,7 @@ lib-y += xrealloc_vector.o

lib-$(CONFIG_MOUNT) += match_fstype.o
lib-$(CONFIG_UMOUNT) += match_fstype.o
+lib-$(CONFIG_UMOUNT) += match_fsopts.o

lib-$(CONFIG_FEATURE_UTMP) += utmp.o

diff --git a/libbb/match_fsopts.c b/libbb/match_fsopts.c
new file mode 100644
index 000000000..b1cc85c3c
--- /dev/null
+++ b/libbb/match_fsopts.c
@@ -0,0 +1,69 @@
+/* vi: set sw=4 ts=4: */
+/*
+ * Match fsopts for use in mount unmount -O.
+ *
+ *
 Returns 1 for a match, otherwise 0.
+ *
+ * Licensed under GPLv2 or later, see file LICENSE in this source tree.
+ */
+
+#include "libbb.h"
+
+static int fsopt_matches(const char *opts_list, const char *opt, size_t optlen)
+{
+ int match = 1;
+
+ if (optlen >= 2 && opt[0] == 'n' && opt[1] == 'o') {
```

```
+  match--;
+  opt += 2; optlen -= 2;
+ }
+
+ /* The alone "no" is an error, all matching ends with False. */
+ if (optlen == 0)
+  return 0;
+
+ /* The "no" prefix interpretation can be disabled by the "+" prefix. */
+ if (match && optlen > 1 && *opt == '+') {
+  opt++; optlen--;
+ }
+
+ while (1) {
+  if (strncmp(opts_list, opt, optlen) == 0) {
+   const char *after_opt = opts_list + optlen;
+   if (*after_opt == '\0' || *after_opt == ',')
+    return match;
+  }
+
+  opts_list = strchr(opts_list, ',');
+  if (!opts_list)
+   break;
+  opts_list++;
+ }
+
+ return !match;
+}
+
+/* This function implements the mnt_match_options function from libmount. */
+int FAST_FUNC fsopts_matches(const
 char *opts_list, const char *reqopts_list)
+{
+ if (!reqopts_list)
+  return 1; /* no options requested, match anything */
+
+ while (1) {
+  size_t len;
+  const char *comma = strchr(reqopts_list, ',');
+  if (!comma)
+   len = strlen(reqopts_list);
+  else
+   len = comma - reqopts_list;
+
+  if (len && !fsopt_matches(opts_list, reqopts_list, len))
+   return 0;
+
+  if (!comma)
```

```
+   break;
+  reqopts_list = ++comma;
+ }
+
+ return 1;
+}
diff --git a/util-linux/umount.c b/util-linux/umount.c
index 23da32868..7a54cafb0 100644
--- a/util-linux/umount.c
+++ b/util-linux/umount.c
@@ -41,7 +41,7 @@
//kbuild:lib-$(CONFIG_UMOUNT) += umount.o

//usage:#define umount_trivial_usage
-//usage:       "[-
rlf"IF_FEATURE_MTAB_SUPPORT("m")IF_FEATURE_MOUNT_LOOP("d")IF_FEATURE_UMOUNT_ALL(
"a")"] [-t FSTYPE] FILESYSTEM|DIRECTORY"
+//usage:       "[-
rlf"IF_FEATURE_MTAB_SUPPORT("m")IF_FEATURE_MOUNT_LOOP("d")IF_FEATURE_UMOUNT_ALL(
"a")"] [-t FSTYPE] [-O FSOPT] FILESYSTEM|DIRECTORY"
//usage:#define umount_full_usage
 "\n\n"
//usage:       "Unmount filesystems\n"
//usage: IF_FEATURE_UMOUNT_ALL(
@@ -57,6 +57,7 @@
//usage:     "\n -d Free loop device if it has been used"
//usage: )
//usage:     "\n -t FSTYPE[,...] Unmount only these filesystem type(s)"
+//usage:     "\n -O FSOPT[,...] Unmount only filesystem mounted with the given options"
//usage:
//usage:#define umount_example_usage
//usage:       "$ umount /dev/hdc1\n"
@@ -82,7 +83,7 @@ static struct mntent *getmntent_r(FILE* stream, struct mntent* result,
#endif

/* ignored: -c -v -i */
-#define OPTION_STRING           "fldnrat:" "cvi"
+#define OPTION_STRING           "fldnrat:O:" "cvi"
#define OPT_FORCE               (1 << 0) // Same as MNT_FORCE
#define OPT_LAZY                (1 << 1) // Same as MNT_DETACH
#define OPT_FREELOOP            (1 << 2)
@@ -96,6 +97,7 @@ int umount_main(int argc UNUSED_PARAM, char **argv)
 int doForce;
 struct mntent me;
 FILE *fp;
+ char *opts = NULL;
 char *fstype = NULL;
 int status =
```

```
 EXIT_SUCCESS;
 unsigned opt;
@@ -105,7 +107,7 @@ int umount_main(int argc UNUSED_PARAM, char **argv)
  struct mtab_list *next;
 } *mtl, *m;

- opt = getopt32(argv, OPTION_STRING, &fstype);
+ opt = getopt32(argv, OPTION_STRING, &fstype, &opts);
 //argc -= optind;
 argv += optind;

@@ -133,6 +135,8 @@ int umount_main(int argc UNUSED_PARAM, char **argv)
   /* Match fstype (fstype==NULL matches always) */
   if (!fstype_matches(me.mnt_type, fstype))
    continue;
+   if (!fsopts_matches(me.mnt_opts, opts))
+    continue;
   m = xzalloc(sizeof(*m));
   m->next = mtl;
   m->device = xstrdup(me.mnt_fsname);
```

Found in path(s):
* /busybox-1-36-1-r7-zip/busybox/0027-umount-Implement-O-option-to-unmount-by-mount-option.patch
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```
/*
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*
* This program is free software; you can redistribute it and/or modify it
* under the terms of the GNU General Public License version 2 as published
* by the Free Software Foundation. See http://www.gnu.org/ for details.
*
*/
```

Found in path(s):
* /busybox-1-36-1-r7-zip/busybox/bbsuid.c

1.112 importlib-metadata 8.0.0

1.112.1 Available under license :

UNRECOGNIZED LICENSE; MD5 sum: 67a0449e1745cb3a0d5ef058e15bb91a

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1.113 openssl 3.1.8-r0

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<signature of Ty Coon>, 1 April 1989
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1.115 libverto 0.3.2-r2

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1.116 libtirpc 1.3.3-r2

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1.117 tomli 2.3.0

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1.118 musl 1.2.4-r3

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1.119 urllib3 1.26.14

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1.120 idna 3.6

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b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
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d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility

is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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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^L
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,

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^L
6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will
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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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^L
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- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
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1.122 python-certifi 2022.12.07

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v
$ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.123 jaraco.context 5.3.0

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1.124 pyrsistent 0.20.0

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1.125 wheel 0.43.0

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1.126 ncurses 6.4_p20230506-r0

1.126.1 Available under license :

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-- $Id: COPYING,v 1.12 2023/01/07 17:55:53 tom Exp $
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1.127 tenacity 8.1.0

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1.133 libnsl 2.0.0-r0

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the work with the complete corresponding
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with the Library, with the complete machine-readable "work that
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1.134 truststore 0.10.4

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no

1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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1.136 dataclasses-json 0.6.7

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1.137 once_cell 1.19.0

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1.138 parking_lot_core 0.9.9

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1.139 smallvec 1.13.1

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1.140 pyo3-ffi 0.20.3

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1.141 pem 3.0.3

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1.142 pyo3 0.20.3

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1.143 asn1 0.15.5

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1.144 base-64 0.21.7

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