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# **jnrowe-misc**

*Release 1.0*

2017-04-19



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**Important:** As of 2014-06-26, the `jnrowe-misc` repository is shuttered. The environments where I use Gentoo have vanished, and I don't expect any to arise in the near future.<sup>1</sup>

I plan on maintaining the packages in this overlay for as long as people report bugs, but won't promise speedy bug resolution.

What this repository really needs is a new maintainer, so if you're a user it is time to step up!

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`jnrowe-misc` is for packages that don't naturally fit in to one of my other themed overlays. You'll find a large selection of `Python` packages, some tools to make working with `git` more fun and various other things I can't live without.

If you find any problems with an `ebuild` in this overlay either file an [issue](#) or drop me an [email](#).

<p><b>Warning:</b> This repository uses thin manifests, which requires a moderately recent version of <code>portage</code> to function correctly(2.1.10.18 or newer). Using older versions is not supported!</p>
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This documentation reflects the overlay state as of 2017-04-19.

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<sup>1</sup> If you want to hear the many and varied reasons, ask me in person the next time we meet at a conference. You'll be able to enjoy the relentless chadenfraude of my disappointment, and you'll win yourself a few free beers at the same time.



## Installation

### oilman integration

If you use **oilman** to manage your repositories you can call:

```
# oilman --add-repository jnrowe::misc
```

Or, if you'd rather use the `rsync` mirror:

```
# oilman --method=rsync --add-repository jnrowe::misc
```

To sync the repository:

```
# oilman --sync jnrowe::misc # Sync this repository only
# oilman --sync all # or sync all repositories
```

### layman integration

If you use **layman** to sync your repositories you can easily add this repository to the supported list.

If you're using **layman** v1.2.4 or newer, then the `support/layman2.xml` should be added to the `overlays` section of `/etc/layman/layman.conf`, for example:

```
overlays : http://www.gentoo.org/proj/en/overlays/repositories.xml
          https://github.com/JNRowe/jnrowe-misc/raw/master/support/layman2.xml
```

If you're using **layman** v1.2.3 or earlier, then `support/layman.xml` should be added to the `overlays` section of `/etc/layman/layman.conf`, for example:

```
overlays : http://www.gentoo.org/proj/en/overlays/layman-global.txt
          https://github.com/JNRowe/jnrowe-misc/raw/master/support/layman.xml
```

Then you can add the overlay using **layman**:

```
# layman -a jnrowe-misc
```

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**Note:** You may need to run **layman --fetch** or perform a sync operation before this command will work.

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To sync the repository you can use **layman** directly, either syncing just this overlay or all your overlays at once:

```
# layman -s jnrowe-misc # Sync just jnrowe-misc
# layman -S # or sync all layman managed overlays
```

Or if you're an **eix** user you can use **eix-sync** to update the repositories and the **eix** database at the same time, first tell **eix-sync** to update the repository:

```
# echo "jnrowe-misc" >>/etc/eix-sync.conf # Sync just jnrowe-misc
# echo "*" >>/etc/eix-sync.conf # or sync all layman managed overlays
```

Finally, call **eix-sync** to update the specified repositories and the **eix** package database.

## Manual installation

To manually manage this overlay just clone the [git repository](#) to a location accessible by **portage**, and edit `/etc/portage/make.conf`'s `PORTDIR_OVERLAY` setting. See the `make.conf(5)` manual page for details.

## Packages

### app-admin

- [spill](http://www.rpcurnow.force9.co.uk/spill/) - <http://www.rpcurnow.force9.co.uk/spill/>
  - Creates symlinks from one directory hierarchy to another(like stow)
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
  - 0.8 amd64, x86

### app-misc

- [Hammertime](https://pypi.python.org/pypi/Hammertime/) - <https://pypi.python.org/pypi/Hammertime/>
  - Simple time tracking with git backend
  - Licence: MIT
  - Status: maintained
  - Versions:



- 0.2.4 amd64, x86
- `asciiquarium` - <http://www.robobunny.com/projects/asciiquarium/html/>
  - Enjoy the mysteries of the sea from the safety of your own terminal
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 1.1 amd64, x86
- `hubugs` - <https://pypi.python.org/pypi/hubugs/>
  - Simple client for GitHub issues
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
    - 0.17.5 ~amd64 (due 2017-05-05), ~x86 (due 2017-06-18)
- `jsonpipe` - <https://pypi.python.org/pypi/jsonpipe/>
  - Convert JSON to a UNIX-friendly line-based format
  - Licence: public-domain
  - Status: maintained
  - Versions:
    - 0.0.8-r1 amd64, x86
- `pw` - <https://pypi.python.org/pypi/pw/>
  - Grep GnuPG-encrypted YAML password safe
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.2.3 amd64, x86
- `pytrainer` - <https://github.com/pytrainer/pytrainer/>
  - A tool to log and analyse your exercise regime
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 1.10.0 amd64, x86
- `rdial` - <https://pypi.python.org/pypi/rdial/>
  - Simple time tracking for simple people
  - Licence: GPL-3
  - Status: deprecated, see [GitHub #751](#)
  - Versions:

- 0.13.1 ~amd64 (due 2017-05-05), ~x86 (due 2017-06-18)
- repl - <http://defunkt.io/repl/>
  - Sometimes you need a repl
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.2.1 amd64, x86
- sunwait - <http://www.risacher.org/sunwait/>
  - Tool for calculating sunrise and sunset, and sleeping until such an event
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 20041208 amd64, x86
- termdebug - <http://os.ghalkes.nl/termdebug.html>
  - Utilities to record and replay a terminal program session
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
    - 1.2 amd64, x86
- tudu - <http://code.meskio.net/tudu/>
  - TuDu is a comand line interface to manage hierarchical todos.
  - Licence: GPL-3+
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.9.1 amd64, x86
- weatherspect - <http://www.robobunny.com/projects/weatherspect/html/>
  - Create an ASCII animation that simulates the weather
  - Licence: GPL-2
  - Status: maintained
  - Versions:
    - 1.11 amd64, x86

### app-mobilephone

- pyhumod - <http://code.google.com/p/pyhumod/>
  - Accessing Huawei modems in Python, including SMS and data calls.
  - Licence: BSD

- Status: maintained
- Versions:
  - 0.03 amd64, x86

## app-text

- `html2rest` - <https://pypi.python.org/pypi/html2rest/>
  - Convert HTML to reStructuredText
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.2.2 amd64, x86
- `rstspreadsheet` - <https://pypi.python.org/pypi/rstspreadsheet/>
  - Spreadsheet directive for docutils and Sphinx.
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.1.2 amd64, x86
- `sphinxcontrib-ansi` - <http://packages.python.org/sphinxcontrib-ansi/>
  - Sphinx extension to convert ANSI colour sequences to coloured HTML output.
  - Licence: BSD-2
  - Status: maintained
  - Versions:
    - 0.6 amd64, x86
- `sphinxcontrib-googlechart` - <http://packages.python.org/sphinxcontrib-googlechart/>
  - dev-python/sphinx extension to create charts using the Google API
  - Licence: BSD-2
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.1.5 amd64, x86

## dev-lang

- `moonscript` - <https://github.com/leafo/moonscript/>
  - A programmer friendly language that compiles to Lua
  - Licence: MIT
  - Status: maintained
  - Versions:

- 0.3.1 amd64, x86
- 0.4.0 amd64
- 0.5.0 ~amd64 (due 2017-05-05)
- `wirbel` - <http://mathias-kettner.de/wirbel.html>
  - A compiled programming language with syntax and semantics similar to Python
  - Licence: GPL-2+
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.1.11 amd64, x86

## **dev-lua**

- `alt-getopt` - <http://luaforge.net/projects/alt-getopt/>
  - Lua bindings to `getopt_long`
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.7.0 amd64, x86
- `linotify` - <https://github.com/hoelzro/linotify/>
  - A Lua binding for the Linux `inotify` library
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.2 amd64, x86

## **dev-perl**

- `Term-Animation` - <http://search.cpan.org/dist/Term-Animation/>
  - ASCII sprite animation framework
  - Licence: Artistic
  - Status: maintained
  - Versions:
    - 2.6 amd64, x86
- `Weather-Underground` - <http://search.cpan.org/dist/Weather-Underground/>
  - Extension for retrieving weather information from `wunderground.com`
  - Licence: Artistic
  - Status: maintained
  - Versions:

- 3.03 amd64, x86

## dev-python

- Attest - <https://pypi.python.org/pypi/Attest/>
  - Modern, Pythonic unit testing
  - Licence: BSD-2
  - Status: maintained
  - Versions:
    - 0.5.3-r1 amd64, x86
- Basket - <https://pypi.python.org/pypi/Basket/>
  - A local static PyPI repository builder
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 1.0 amd64, x86
- Benchmark - <https://pypi.python.org/pypi/Benchmark/>
  - A small utility to benchmark your Python code
  - Licence: public-domain
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 3.0.1 amd64, x86
- CleverCSS - <https://pypi.python.org/pypi/CleverCSS/>
  - Funky sass-a-like CSS preprocessor
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.1 amd64, x86
- CommandLineApp - <https://pypi.python.org/pypi/CommandLineApp/>
  - Makes creating apps as simple as defining callbacks to handle options
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 3.0.7 amd64, x86
- Stencil - <https://pypi.python.org/pypi/Stencil/>
  - Creates files and directories from templates
  - Licence: BSD-2

- Status: maintained
- Versions:
  - 0.2.1 amd64, x86
- `aaargh` - <https://pypi.python.org/pypi/aaargh/>
  - An astonishingly awesome application argument helper
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.7.1 amd64, x86
- `astral` - <https://pypi.python.org/pypi/astral/>
  - Calculations for the position of the sun and moon
  - Licence: Apache-2.0
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.7.3 amd64, x86
- `atomize` - <https://pypi.python.org/pypi/atomize/>
  - A simple Python package for easily generating Atom feeds
  - Licence: EPL-1.0
  - Status: maintained
  - Versions:
    - 0.2.0 amd64, x86
- `calabash` - <https://pypi.python.org/pypi/calabash/>
  - Bash-style pipelining syntax for Python generators
  - Licence: public-domain
  - Status: maintained
  - Versions:
    - 0.0.3 amd64, x86
- `cloud_sptheme` - [https://pypi.python.org/pypi/cloud\\_sptheme/](https://pypi.python.org/pypi/cloud_sptheme/)
  - A nice sphinx theme named 'Cloud', and some related extensions
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 1.6 amd64, x86
- `docformatter` - <https://pypi.python.org/pypi/docformatter/>
  - Formats docstrings to follow PEP 257
  - Licence: MIT

- Status: deprecated, see [GitHub #751](#)
- Versions:
  - 0.4.3 amd64, x86
- doctest-tools - <http://code.google.com/p/doctest-tools/>
  - Tools to run doctests on code and text files within a directory
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 1.0\_alpha3 amd64, x86
- dtopt - <https://pypi.python.org/pypi/dtopt/>
  - Add options to doctest examples while they are running
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.1 amd64, x86
- expecter - <https://pypi.python.org/pypi/expecter/>
  - Expecter Gadget, a better expectation (assertion) library
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.3.0 amd64, x86
- fabulous - <http://lobstertech.com/fabulous.html>
  - Makes your terminal output totally fabulous
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.1.5 amd64, x86
- fancycompleter - <https://pypi.python.org/pypi/fancycompleter/>
  - Colourful TAB completion for Python prompt
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.4 amd64, x86
- feedcache - <https://pypi.python.org/pypi/feedcache/>
  - Wrapper for the Universal Feed Parser which caches the results
  - Licence: MIT

- Status: maintained
- Versions:
  - 1.4.1-r1 amd64, x86
- freshen - <https://github.com/rlisagor/freshen>
  - Clone of the Cucumber BDD framework for Python
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
    - 0.2-r1 amd64, x86
- genzshcomp - <https://bitbucket.org/hhatto/genzshcomp/>
  - Automatic generation of zsh completion functions
  - Licence: BSD
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.5 amd64, x86
- gpxdata - <http://www.kette-links.de/technik/>
  - OO representation of GPX and conversion utilities between GPX, KML and OVL
  - Licence: GPL-2
  - Status: maintained
  - Versions:
    - 1.2.0 amd64, x86
- grapefruit - <http://code.google.com/p/grapefruit/>
  - A module to manipulate color information easily
  - Licence: Apache-2.0
  - Status: maintained
  - Versions:
    - 0.1\_alpha3 amd64, x86
- html - <https://pypi.python.org/pypi/html/>
  - simple, elegant HTML/XHTML generation
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 1.16 amd64, x86
- html2data - <https://pypi.python.org/pypi/html2data/>
  - A simple way to transform a HTML file or URL to structured data
  - Licence: BSD



- Status: maintained
- Versions:
  - 0.4.3-r1 amd64, x86
- interlude - <https://svn.bluedynamics.eu/svn/public/interlude/>
  - Provides an interactive console for doctests
  - Licence: LGPL-2.1
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 1.2 amd64, x86
- lettuce - <http://lettuce.it/>
  - Cucumber-ish BDD for python
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.2.14 amd64, x86
- micromodels - <https://pypi.python.org/pypi/micromodels/>
  - Declarative dictionary-based model classes for Python
  - Licence: Unlicense
  - Status: maintained
  - Versions:
    - 0.5.0 amd64, x86
- mod2doctest - <https://pypi.python.org/pypi/mod2doctest/>
  - Convert any Python module to a doctest ready doc string
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.2.0 amd64, x86
- nose-machineout - <http://code.google.com/p/nose-machineout/>
  - Machine parsable output plugin for nose
  - Licence: PSF-2.4
  - Status: maintained
  - Versions:
    - 0.0.20101201 amd64, x86
- nose-pathmunge - <https://bitbucket.org/jnoller/nose-pathmunge/>
  - Add additional directories to sys.path for nose
  - Licence: Apache-2.0

- Status: maintained
- Versions:
  - 0.1.2 amd64, x86
- nose-progressive - <https://pypi.python.org/pypi/nose-progressive/>
  - Nose plugin to show progress bar and tracebacks during tests
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 1.4 amd64, x86
- nosetty - <http://code.google.com/p/nosetty/>
  - A plugin to run nosetests more interactively
  - Licence: LGPL-2.1
  - Status: maintained
  - Versions:
    - 0.4-r1 amd64, x86
- pdbpp - <https://pypi.python.org/pypi/pdbpp/>
  - An enhanced drop-in replacement for pdb
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.7.2 amd64, x86
- pep257 - <https://pypi.python.org/pypi/pep257/>
  - Python docstring style checker
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.4.1 amd64, x86
- pep8-naming - <https://pypi.python.org/pypi/pep8-naming/>
  - Check PEP-8 naming conventions, plugin for flake8
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.2.2 amd64, x86
- pinocchio - <http://darcs.idyll.org/~t/projects/pinocchio/doc/>
  - Extensions for the nose testing framework
  - Licence: MIT

- Status: maintained
- Versions:
  - 0.1 amd64, x86
- `plac` - <https://pypi.python.org/pypi/plac/>
  - The smartest command line arguments parser in the world
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.9.1 amd64, x86
- `pwtools` - <https://pypi.python.org/pypi/pwtools/>
  - Password generation and security checking
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.4 amd64, x86
- `pyScss` - <https://pypi.python.org/pypi/pyScss/>
  - A Scss compiler for Python
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 1.1.4 amd64, x86
- `pycukes` - <https://github.com/hugobr/pycukes>
  - A Cucumber-like BDD framework built on top of Pyhistorian
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.2 amd64, x86
- `pydelicious` - <http://code.google.com/p/pydelicious/>
  - Access the web service of del.icio.us via it's API through python
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.6-r1 amd64, x86
- `pyhistorian` - <https://github.com/hugobr/pyhistorian>
  - A BDD tool for writing specs using Given-When-Then template
  - Licence: MIT

- Status: maintained
- Versions:
  - 0.6.8 amd64, x86
- `pyisbn` - <https://pypi.python.org/pypi/pyisbn/>
  - A module for working with 10- and 13-digit ISBNs
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
    - 1.0.0 amd64, x86
- `pyrepl` - <https://pypi.python.org/pypi/pyrepl/>
  - A library for building flexible Python command line interfaces
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.8.4 amd64, x86
- `python-faker` - <https://pypi.python.org/pypi/python-faker/>
  - Generate placeholder data
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.2.4 amd64, x86
- `rad` - <https://pypi.python.org/pypi/rad/>
  - A super easy console highlighter. Text goes in, colour comes out
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.1.2 amd64, x86
- `rstctl` - <https://pypi.python.org/pypi/rstctl/>
  - A script to help you with authoring reStructuredText
  - Licence: GPL-3
  - Status: maintained
  - Versions:
    - 0.4 amd64, x86
- `schematics` - <https://pypi.python.org/pypi/schematics/>
  - Structured Data for Humans
  - Licence: BSD

- Status: deprecated, see [GitHub #751](#)
- Versions:
  - 0.5 amd64, x86
- see - <http://inky.github.io/see/>
  - A human-readable alternative to Python's `dir()`
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 1.0.1 amd64, x86
- `shelldoctest` - <https://pypi.python.org/pypi/shelldoctest/>
  - Doctest/UnitTest for shell
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.2-r2 amd64, x86
- `should_dsl` - <https://github.com/hugobr/should-dsl>
  - Should assertions in Python as clear and readable as possible
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 2.1.2 amd64, x86
- `showme` - <https://pypi.python.org/pypi/showme/>
  - Painless Debugging and Inspection for Python
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 1.0.0 amd64, x86
- `snot` - <https://pypi.python.org/pypi/snot/>
  - nose/pytest output colourising plugin
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 1.0.0 amd64, x86
- `story_parser` - [https://github.com/hugobr/story\\_parser](https://github.com/hugobr/story_parser)
  - A Given/When/Then BDD stories parser
  - Licence: MIT

- Status: maintained
- Versions:
  - 0.1.2 amd64, x86
- `straight-plugin` - <https://pypi.python.org/pypi/straight.plugin/>
  - Simple Python plugin loader inspired by `twisted.plugin`
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 1.4.0\_p1 amd64, x86
- `termtool` - <https://pypi.python.org/pypi/termtool/>
  - Declarative terminal tool programming
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 1.0 amd64, x86
- `titlecase` - <https://pypi.python.org/pypi/titlecase/>
  - Python Port of John Gruber's `titlecase.pl`
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.5.1 amd64, x86
- `upoints` - <https://pypi.python.org/pypi/upoints/>
  - Modules for working with points on Earth
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
    - 0.12.2 amd64, x86
- `urlunshort` - <https://bitbucket.org/runeh/urlunshort>
  - Tools for detecting and expanding shortened URLs
  - Licence: BSD-2
  - Status: maintained
  - Versions:
    - 0.2.4 amd64, x86
- `vanity` - <https://pypi.python.org/pypi/vanity/>
  - Easy access to PyPI download stats
  - Licence: GPL-2+

- Status: deprecated, see [GitHub #751](#)
- Versions:
  - 2.0.3 amd64, x86
- `wmctrl` - <https://pypi.python.org/pypi/wmctrl/>
  - A tool to programmatically control windows inside X
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.1 amd64, x86
- `wordish` - <https://pypi.python.org/pypi/wordish/>
  - Parses a shell session, test the commands compare the output
  - Licence: GPL-3
  - Status: maintained
  - Versions:
    - 1.0.2 amd64, x86
- `xerox` - <https://pypi.python.org/pypi/xerox/>
  - Simple copy and paste in Python
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.3.1 amd64, x86

## dev-tcltk

- `tcludp` - <http://tcludp.sourceforge.net/>
  - Create UDP sockets in Tcl
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 1.0.8 amd64, x86

## dev-util

- `cake` - <https://pypi.python.org/pypi/cake/>
  - Minimalistic Python build tool inspired by Rake
  - Licence: GPL-3
  - Status: maintained
  - Versions:

- 0.2.3 amd64, x86
- `ccontrol` - <http://ccontrol.ozlabs.org/>
  - Utility to manage ccache and distcc
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 1.0-r1 amd64, x86
- `metrics` - <https://pypi.python.org/pypi/metrics/>
  - Produces metrics for C, C++, Javascript, and Python programs
  - Licence: MIT
  - Status: maintained
  - Versions:
    - 0.2.6 amd64, x86

### dev-vcs

- `blame` - <http://blame.sourceforge.net/>
  - Annotates RCS files in a style similar to CVS's `annotate` command
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 1.3.1 amd64, x86
- `gitserve` - <https://github.com/jezdez/git-serve/>
  - A helper tool for git that mimics mercurial's `serve` command
  - Licence: GPL-2
  - Status: maintained
  - Versions:
    - 0.2.0-r3 amd64, x86
- `pepper` - <http://scm-pepper.sourceforge.net/>
  - Retrieve statistics and generate reports from source code repositories
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
    - 0.3.2 amd64, x86



## games-action

- REminiscence - <http://cyxdown.free.fr/reminiscence/>
  - A rewrite of the engine used in the game Flashback
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
  - 0.3.0 amd64, x86

## games-puzzle

- gbrainy - <http://live.gnome.org/gbrainy>
  - Brain teaser game/trainer to have fun and keep your brain trained
  - Licence: GPL-2+
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
  - 2.1.5 amd64, x86

## mail-filter

- maildirproc - <http://joel.rosdahl.net/maildirproc/>
  - maildir processor using Python as its configuration language
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
  - 0.5.0 amd64, x86
- maildirproc-python2 - <http://joel.rosdahl.net/maildirproc/>
  - maildir processor using Python as its configuration language
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
  - 0.5.0 amd64, x86
- qsf - <http://www.ivarch.com/programs/qsf.shtml>
  - Quick Spam Filter, with support for multiple databases
  - Licence: Artistic-2
  - Status: maintained
  - Versions:
  - 1.2.7 amd64, x86

## media-gfx

- Graph-Easy - <http://search.cpan.org/dist/Graph-Easy/>
  - Render/convert graphs in/from various formats
  - Licence: GPL-2
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.73 amd64, x86
- Graph-Easy-As\_svg - [http://search.cpan.org/dist/Graph-Easy-As\\_svg/](http://search.cpan.org/dist/Graph-Easy-As_svg/)
  - Graph::Easy output as Scalable Vector Graphics (SVG)
  - Licence: GPL-2
  - Status: maintained
  - Versions:
    - 0.23 amd64, x86
- afigure - <https://launchpad.net/afigure>
  - ASCII art figures parsed and output as SVG, PNG, and more
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.5-r3 amd64, x86
- actdiag - <https://pypi.python.org/pypi/actdiag/>
  - Generate activity-diagram image file from spec-text file
  - Licence: Apache-2.0
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.4.1 amd64, x86
- gruffy - <https://pypi.python.org/pypi/gruffy/>
  - Gruffy is Python implementation of Gruff(Ruby Graphing Library)
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.3.3 ~amd64 (due 2017-06-04), ~x86 (due 2017-05-01)
- nwdiag - <https://pypi.python.org/pypi/nwdiag/>
  - Generate network-diagram images from spec-text file
  - Licence: Apache-2.0
  - Status: deprecated, see [GitHub #751](#)
  - Versions:

- 1.0.0 amd64, x86
- seqdiag - <https://pypi.python.org/pypi/seqdiag/>
  - Generate sequence-diagram image files from spec-text files
  - Licence: Apache-2.0
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.8.1 amd64, x86
- sphinxcontrib-aafig - <http://packages.python.org/sphinxcontrib-aafig/>
  - dev-python/sphinx extension to support media-gfx/aafigure
  - Licence: BOLA
  - Status: maintained
  - Versions:
    - 1.0-r1 amd64, x86
- sphinxcontrib-gruffyygen - <https://pypi.python.org/pypi/sphinxcontrib-gruffyygen/>
  - Sphinx extension to support media-gfx/gruffyy graphs
  - Licence: BSD
  - Status: maintained
  - Versions:
    - 0.1.1 ~amd64 (due 2017-06-04), ~x86 (due 2017-06-18)
- sphinxcontrib-mscgen - <https://pypi.python.org/pypi/sphinxcontrib-mscgen/>
  - Sphinx extension to include mscgen's sequence charts
  - Licence: BOLA
  - Status: maintained
  - Versions:
    - 0.4 amd64, x86

## media-sound

- castget - <http://www.nongnu.org/castget/>
  - A simple command-line based RSS enclosure downloader
  - Licence: GPL-2+ LGPL-2.1+
  - Status: maintained
  - Versions:
    - 1.2.0 amd64, x86
- mpdcron - <http://alip.github.io/mpdcron/>
  - A hook daemon for mpd, it polls mpd and runs hooks on events
  - Licence: GPL-2+

- Status: maintained
- Versions:
- 0.3 amd64, x86

### **media-tv**

- `get_oplayer` - [http://www.infradead.org/get\\_oplayer/html/get\\_oplayer.html](http://www.infradead.org/get_oplayer/html/get_oplayer.html)
  - Search, index, record and stream BBC's iplayer content
  - Licence: GPL-3
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
  - 2.83 amd64, x86

### **net-dns**

- `adsuck` - <https://opensource.conformal.com/wiki/adsuck>
  - Small DNS server that spoofs blacklisted addresses
  - Licence: MIT
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
  - 2.4.3 amd64, x86

### **net-mail**

- `mboxstats` - <http://www.vanheusden.com/mboxstats/>
  - Generate statistics from mbox and maildir folders
  - Licence: GPL-2
  - Status: maintained
  - Versions:
  - 3.1 amd64, x86

### **net-misc**

- `bleeter` - <https://github.com/JNRowe/bleeter/>
  - Nasty little twitter client
  - Licence: GPL-3+ doc? ( public-domain )
  - Status: maintained
  - Versions:
  - 0.8.0 ~amd64 (due 2017-07-16), ~x86 (due 2017-06-18)

## sci-geosciences

- `gpsfeed` - <http://users.hol.gr/~dzach/gpsfeed/index.html>
  - A utility that generates continuous GPS data for running tests
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 0.58 amd64, x86
- `gpxviewer` - <http://andrewgee.org/blog/projects/gpxviewer>
  - GPXViewer GPS trace viewer
  - Licence: GPL-3+
  - Status: deprecated, see [GitHub #751](#)
  - Versions:
    - 0.4.3-r1 ~amd64 (due 2017-06-04), ~x86 (due 2017-04-21)

## sci-visualization

- `Charty` - <https://pypi.python.org/pypi/Charty/>
  - Another Python SVG Chart Generator that uses CSS smartly
  - Licence: BSD GPL-2
  - Status: maintained
  - Versions:
    - 0.1.0 amd64, x86
- `cairoplot` - <https://launchpad.net/cairoplot>
  - Cairo-based graph plotting module
  - Licence: LGPL-2.1+
  - Status: maintained
  - Versions:
    - 1.1 amd64, x86
- `pycha` - <https://pypi.python.org/pypi/pycha/>
  - A library for making charts with Python
  - Licence: LGPL-3+
  - Status: maintained
  - Versions:
    - 0.7.0 amd64, x86

## sys-apps

- `zlibc` - <http://zlibc.linux.lu/>
  - Read-only compressed file-system emulation
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
  - 0.9k amd64, x86

## virtual

- `python-importlib` - no upstream
  - A virtual for the Python `argparse` module
  - Licence: no source
  - Status: maintained
  - Versions:
  - 0 amd64, x86

## www-apps

- `mnemosyne` - <http://www.red-bean.com/decklin/mnemosyne/>
  - A static weblog compiler, using `maildirs` and `reST`
  - Licence: MIT
  - Status: maintained
  - Versions:
  - 0.12 amd64, x86

## www-client

- `cupage` - <https://github.com/JNRowe/cupage/>
  - A tool to check for updates on web pages
  - Licence: GPL-3+
  - Status: maintained
  - Versions:
  - 0.8.2 amd64, x86
- `httpshell` - <https://github.com/chrislongo/httpshell/>
  - Interactive shell for issuing HTTP commands to a REST API
  - Licence: MIT
  - Status: maintained

- Versions:
- 0.8.0 amd64, x86

## x11-misc

- `gselt` - <http://offog.org/code/gsel.html>
  - Watches the X selection and displays context sensitive actions
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 1.2 amd64, x86
- `winmatch` - no upstream
  - A simple window matching utility, like `devilspie`
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 0.5 amd64, x86
- `winwrangler` - <https://launchpad.net/winwrangler>
  - WM agnostic tool to perform window tiling
  - Licence: LGPL-3+
  - Status: maintained
  - Versions:
    - 0.2.4-r1 amd64, x86
- `xorg-launch-helper` - <https://github.com/sofar/xorg-launch-helper>
  - Wrapper to make XOrg function as a proper `systemd` unit
  - Licence: GPL-2
  - Status: maintained
  - Versions:
    - 4 amd64, x86
- `yalias` - <http://offog.org/code/>
  - A simple content sensitive command launcher
  - Licence: GPL-2+
  - Status: maintained
  - Versions:
    - 0.7 amd64, x86

## Dead packages

This page lists packages that have been removed from this overlay for various reasons. You can use it to find pointers to their new locations for moved packages, or perhaps to find the last available `ebuild` if they were simply culled.

**Warning:** This document is *almost* entirely generated using `git show`. If an entry doesn't make sense take a look at the referenced commit for the full context.

### `app-admin`

#### `stow`

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [6a24dd9c](#)

**Removal date** 2011-09-13

### `app-misc`

#### `libeatmydata`

Now available upstream. The upgrade path is very messy, and the package will be maintained in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [a95b3182](#)

**Removal date** 2012-10-16

### `app-text`

#### `gist`

Maintenance is passing to `mleighy`'s group.

**Reason** Moved to `::live`

**Commit** [3bdea61f](#)

**Removal date** 2011-09-13

### `sphinxcontrib-issuetracker`

`sphinxcontrib-issuetracker` now packaged upstream.

Upgrade path is clean. The `ebuild` will exist in `::shadow` until a version with matching keywords is available upstream.

**Reason** Moved to `::shadow`

**Commit** [8a2dc994](#)



**Removal date** 2012-04-07

### app-vim

### rails

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [274adfb0](#)

**Removal date** 2011-09-13

### snipmate

Available in the main tree.

**Reason** Moved to `::shadow`

**Commit** [9073e7c0](#)

**Removal date** 2011-09-13

### dev-lua

### luainotify

No longer used at our site.

**Reason** Culled

**Commit** [6d283863](#)

**Removal date** 2013-01-03

### luaposix

`luaposix` now packaged upstream.

Upgrade path is bad. The `ebuild` will exist in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [f1c1ff22](#)

**Removal date** 2017-03-08

### luasocket

Available in the main tree.

**Reason** Moved to `::shadow`

**Commit** [e6cbe716](#)

**Removal date** 2009-09-29

#### dev-haskell

##### configfile

Only used by `hpodder`, which has been removed.

**Reason** Culled

**Commit** [9f861263](#)

**Removal date** 2010-09-24

#### hpodder

Haskell support was too brittle to keep this, and `castget` is a reasonable replacement.

**Reason** Culled

**Commit** [ecf3e688](#)

**Removal date** 2010-09-24

#### missingsh

Only used by `hpodder`, which has been removed.

**Reason** Culled

**Commit** [fbe106cc](#)

**Removal date** 2010-09-24

#### dev-perl

##### Net-Twitter-Lite

No longer used at our site.

**Reason** Culled

**Commit** [fd868494](#)

**Removal date** 2012-04-14

#### dev-python

##### argh

An ebuild is now available upstream, unfortunately the upgrade path is currently unusable as it uses the bundled version of `six`.

It will be maintained there until a usable upgrade path is available, including matching keywords.

**Reason** Moved to `::shadow`

**Commit** [b28c2424](#)

**Removal date** 2012-10-06

**async**

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [7ef5cf4b](#)

**Removal date** 2011-09-13

**behave**

Package has been dead here for some time, with all RDEPs long since dropped. No custom upgrade path is required.

**Reason** Available upstream

**Commit** [a8855a4b](#)

**Removal date** 2015-05-23

**blessings**

Now available upstream. This package will be maintained in `::shadow` until visibility is matched and upstream's dependencies are fixed.

**Reason** Moved to `::shadow`

**Commit** [c66b472b](#)

**Removal date** 2015-05-23

**bpython**

Its line editing support is quite weak, and it provides little benefit over the standard `python` interpreter. The level of maintenance needed was higher than the benefit it gave.

**Reason** Culled

**Commit** [36cf5f2e](#)

**Removal date** 2009-08-12

**cleancss**

It didn't support enough CSS syntax to be usable for our needs.

**Reason** Culled

**Commit** [38a03c83](#)

**Removal date** 2010-09-21

## clevercss2

The implementation was not suitable for our needs

**Reason** Culled

**Commit** [89dffdfd](#)

**Removal date** 2010-09-21

## colorama

An ebuild is now available upstream. It isn't a drop in replacement, so this will be maintained in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [d2f0a364](#)

**Removal date** 2013-02-18

**Issues** [GitHub #750](#)

## cov-core

An ebuild is now available upstream. Unfortunately it can't be used as it has incorrect dependencies, invalid Python configuration and broken `subprocess` support.

It will be maintained there until a usable upgrade path is available, including matching keywords.

**Reason** Moved to `::shadow`

**Commit** [ccb15265](#)

**Removal date** 2012-12-03

## dexml

dexml now packaged upstream.

Upgrade path is clean. The ebuild will exist in `::shadow` until a version with matching keywords is available upstream.

**Reason** Moved to `::shadow`

**Commit** [b4dce3d5](#)

**Removal date** 2016-04-06

## dulwich

Available in the main tree.

**Reason** Moved to `::shadow`

**Commit** [d7b758ee](#)

**Removal date** 2010-01-05

**feedgenerator**

feedgenerator now packaged upstream.

Upgrade path is clean. The ebuild will exist in `::shadow` until a version with matching keywords is available upstream.

**Reason** Moved to `::shadow`

**Commit** [f8628c6](#)

**Removal date** 2012-07-20

**Issues** [GitHub #639](#)

**flake8**

The shadowed ebuild will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [593791d2](#)

**Removal date** 2013-10-23

**Issues** [GitHub #814](#)

**funcparserlib**

The shadowed ebuild will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [0050e9ef](#)

**Removal date** 2013-10-23

**Issues** [GitHub #815](#)

**fuzzywuzzy**

fuzzywuzzy now packaged upstream.

Upgrade path is clean. The ebuild will exist in `::shadow` until a version with matching keywords is available upstream.

**Reason** Moved to `::shadow`

**Commit** [872df022](#)

**Removal date** 2017-03-08

**gevent**

This was only required by `requests`, which has been removed.

**Reason** Culled

**Commit** [8373189c](#)

**Removal date** 2012-01-16

### gistapi

Masked for removal because the dependencies in new releases aren't supported on our deploy systems.

**Reason** Culled

**Commit** [df715ff0](#)

**Removal date** 2011-05-10

### gitdb

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [1bdc71fe](#)

**Removal date** 2011-09-13

### github2

github2 now packaged upstream.

Upgrade path is ugly. No Python 3 support in Gentoo's `httplib2`, no built docs, no 2.4 or 2.5 support. Will be supported for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [fc7d12f8](#)

**Removal date** 2012-02-26

**Issues** [GitHub #551](#)

### git-python

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [3384cfe9](#)

**Removal date** 2011-09-13

### httpretty

Package has been dead here for some time, with all RDEPs long since dropped. No upgrade path is required.

**Reason** Available upstream

**Commit** [c833f279](#)

**Removal date** 2014-02-23

**Issues** [GitHub #837](#)

### `importlib`

Python 2.6 has been removed upstream, so this package is no longer required.

**Reason** Culled

**Commit** [5b79084f](#)

**Removal date** 2014-07-08

### `isodate`

Now packaged upstream.

Upgrade path isn't very clean, and this package will be supported for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [d639d9f5](#)

**Removal date** 2012-05-30

**Issues** [GitHub #613](#)

### `kitchen`

`kitchen` now packaged upstream.

Upgrade path is clean. The `ebuild` will exist in `::shadow` until a version with matching keywords is available upstream.

**Reason** Moved to `::shadow`

**Commit** [b55f9811](#)

**Removal date** 2017-03-08

### `logbook`

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [bd89ae1b](#)

**Removal date** 2012-01-16

### `mccabe`

The shadowed `ebuild` will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [948f5c6c](#)

**Removal date** 2013-10-23

**Issues** [GitHub #816](#)

### misaka

Package has been dead here for some time, with all RDEPs long since dropped. No upgrade path is required.

**Reason** Available upstream

**Commit** [69e3fc67](#)

**Removal date** 2014-02-23

**Issues** [GitHub #838](#)

### multiprocessing

Python 2.5 has been removed upstream, so this package is no longer required.

**Reason** Culled

**Commit** [eae27c9](#)

**Removal date** 2013-09-06

### nose2

nose2 now packaged upstream.

Upgrade path is clean. The `ebuild` will exist in `::shadow` until a version with matching keywords is available upstream.

**Reason** Moved to `::shadow`

**Commit** [5799e1e4](#)

**Removal date** 2016-04-06

### nose2-cov

Recent nose2 versions bundle the coverage plugin.

**Reason** Culled

**Commit** [92640fb7](#)

**Removal date** 2016-04-06

### parse

The shadowed `ebuild` will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [d37eff57](#)

**Removal date** 2014-11-03

**Issues** [GitHub #847](#)



**pep8**

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [7b637d57](#)

**Removal date** 2011-09-13

**pgmagick**

The shadowed `ebuild` will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [b22f767f](#)

**Removal date** 2013-10-23

**Issues** [GitHub #817](#)

**poster**

This was only needed by `requests`, which has been removed.

**Reason** Culled

**Commit** [0195603d](#)

**Removal date** 2012-01-16

**prettytable**

An `ebuild` is now available upstream.

**Reason** Culled

**Commit** [57e69871](#)

**Removal date** 2012-12-03

**pycallgraph**

The shadowed `ebuild` will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [e7c0f93e](#)

**Removal date** 2014-11-03

**Issues** [GitHub #848](#)

### pycparser

pycparser now packaged upstream.

Upgrade path isn't clean. The ebuild will exist in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [b27b6de2](#)

**Removal date** 2012-07-31

**Issues** [GitHub #643](#)

### python-gnupg

Alternatives exist, maintenance costs higher than benefit.

**Reason** Culled

**Commit** [c350e281](#)

**Removal date** 2010-12-05

### python-osmgpsmap

The shadowed ebuild will exist until upstream's `osm-gps-map` has matching visibility, and all dependencies are updated to use it.

**Reason** Moved to `::shadow`

**Commit** [313b903a](#)

**Removal date** 2013-04-24

### rednose

Doesn't work correctly with `doctests`, alternatives exist.

**Reason** Culled

**Commit** [343993fe](#)

**Removal date** 2010-10-21

### requests

New releases bundle libraries, which makes supporting this package quite laborious and prone to error. Releases at the time of removal were not very stable.

See [mleighy](#) if you need help porting packages with dependencies on `requests` to alternatives.

**Reason** Culled

**Commit** [050c16c7](#)

**Removal date** 2012-01-16

**restview**

Buggy in places, and upstream is unfortunately on launchpad. `rstctl` provides similar functionality.

**Reason** Culled

**Commit** [9271790e](#)

**Removal date** 2011-02-28

**rudolf**

Significantly increased `nose` run time, and broke reporting for other plugins we commonly used.

**Reason** Culled

**Commit** [646671c0](#)

**Removal date** 2010-10-21

**scripttest**

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [088ab46a](#)

**Removal date** 2011-09-13

**six**

Now packaged upstream.

This will remain in `::shadow` until upstream has an `ebuild` available with equal keywords

**Reason** Moved to `::shadow`

**Commit** [dafa80f2](#)

**Removal date** 2012-05-31

**Issues** [GitHub #614](#)

**socksipy**

The shadowed `ebuild` will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [f02b5f49](#)

**Removal date** 2013-10-23

**Issues** [GitHub #818](#)

### sphinx-to-github

Maintenance is passing to mleighy's group.

**Reason** Moved to `::live`

**Commit** [740ada6b](#)

**Removal date** 2011-09-13

### sphinxcontrib-cheeseshop

Now available upstream. The upgrade path is decidedly messy, and the package will be maintained in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit**

**commit**

**Removal date** 2015-03-06

### sphinxcontrib-httpdomain

The shadowed ebuild will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [56ea0e11](#)

**Removal date** 2013-06-11

### sure

Package has been dead here for some time, with all RDEPs long since dropped. No upgrade path is required.

**Reason** Available upstream

**Commit** [966db0f4](#)

**Removal date** 2014-02-23

**Issues** [GitHub #839](#)

### termcolor

An ebuild is now available upstream. It isn't a drop in replacement as it has incorrect `PYTHON_COMPAT` values and is missing documentation, so this will be maintained in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [350f353](#)

**Removal date** 2013-03-06

**Issues** `{issue.title} (#{issue.id})`

### termstyle

Unfortunately no longer packaged in a standard manner, and plenty of alternatives exist.

**Reason** Culled

**Commit** [06e15f17](#)

**Removal date** 2010-12-04

### texttable

The shadowed `ebuild` will exist until upstream's has matching visibility at the very least.

**Reason** Moved to `::shadow`

**Commit** [82edcb9e](#)

**Removal date** 2014-11-03

**Issues** [GitHub #849](#)

### tox

Available in the main tree.

This will remain in `::shadow` until upstream has an `ebuild` available with equal keywords.

**Reason** Moved to `::shadow`

**Commit** [b65bcbc0](#)

**Removal date** 2012-03-05

### tweepy

An `ebuild` is now available upstream. Unfortunately it can't be used as it bundles dependencies.

It will be maintained there until a usable upgrade path is available, including matching keywords.

**Reason** Moved to `::shadow`

**Commit** [f961a594](#)

**Removal date** 2012-12-03

### twython

The latest release, 1.4.6, has unsupported dependencies and as such is unusable on our systems. Alternatives include `tweepy`, which is available in this overlay.

**Reason** Culled

**Commit** [090e1c3c](#)

**Removal data** 2012-03-02

#### virtualenv5

No longer needed by `tox`.

**Reason** Culled

**Commit** [fe12bc3b](#)

**Removal date** 2011-06-28

#### virtualenvwrapper

An ebuild is now available upstream, unfortunately the upgrade path is incredibly messy. Upstream's ebuild installs to invalid paths, has incorrect python dependencies and doesn't include documentation.

This package was already masked for removal in [5b1273c](#), but the breakage introduced now means it is moving to `::shadow` immediately. It will be maintained there until a usable upgrade path is available.

**Reason** Moved to `::shadow`

**Commit** [409c46c3](#)

**Removal date** 2012-03-20

#### webcolors

Now available upstream. This package will be maintained in `::shadow` until visibility is matched and upstream's dependencies are fixed.

**Reason** Moved to `::shadow`

**Commit** [681391b2](#)

**Removal date** 2015-09-16

#### dev-util

##### be

The release we were using is incompatible with the then current codebase. The newer code was far slower and a little too unstable for everyday use. Alternatives to `Bugs Everywhere` such as `ditz` exist.

**Reason** Culled

**Commit** [b24e7c8e](#)

**Removal date** 2010-04-04

##### cram

`cram` now packaged upstream.

Upgrade path is clean-ish. The ebuild will exist in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [ede45a23](#)

**Removal date** 2017-03-08

### `ditz`

The versions of Ruby that `ditz` works with no longer exist in the upstream tree.

**Reason** Culled

**Commit** [d5f7c95d](#)

**Removal date** 2015-09-16

### `fossil`

There is now a version in the tree, although the `ebuilds` will still exist in `::fixes` until an upstream `ebuild` has equivalent keywords. The upgrade isn't exactly seamless, but shouldn't cause significant problems.

Note the version numbers in the in-tree versions, if you're authoring `ebuilds` with dependencies on `fossil`

**Reason** Moved to `::shadow`

**Commit** [1954746e](#)

**Removal date** 2010-01-26

### `hg-git`

Available in the main tree.

**Reason** Moved to `::shadow`

**Commit** [e4f47fae](#)

**Removal date** 2009-12-08

### `wingide`

The upstream packaging was a shocking mess. Both versions supported by the `ebuilds` contain bundled releases of `Python` and `GTK+` with easily exploitable security vulnerabilities, and only the `GTK+` problems are easily worked around.

After some months, nobody stepped up to maintain the `ebuilds` beyond one-off bugfixes.

**Reason** Culled

**Commit** [52a983f5](#)

**Removal date** 2010-02-27

### `dev-vcs`

#### `gitflow`

Upgrade path is quite messy: upstream uses invalid paths, has missing `zsh` completion and requires a package move.

This will be maintained in `::shadow` for the foreseeable future.

**Reason** Available upstream

**Commit** [ab070046](#)

**Removal date** 2014-03-25

**Issues** [GitHub #845](#)

### git-sync

Maintenance is passing to mleighy's group.

**Reason** Moved to ::live

**Commit** [a49d852e](#)

**Removal date** 2011-09-13

### hub

Maintenance is passing to mleighy's group.

**Reason** Moved to ::live

**Commit** [2b66e43f](#)

**Removal date** 2011-09-13

### games-puzzle

#### sgt-puzzles

This exists in ::shadow until an upstream ebuild has equivalent keywords.

**Reason** Moved to ::shadow

**Commit** [36eb5d09](#)

**Removal date** 2010-01-08

### mail-client

#### notmuch

There is now an upstream ebuild for notmuch, and the local version will be removed at some point. The upgrade path is incredibly ugly and some features are not supported, so this situation may last some-time.

**Reason** Moved to ::shadow

**Commit** [66e7659e](#)

**Removal date** 2011-12-13



**notmuch-gtk**

Maintenance is passing to mleighy's group.

**Reason** Moved to `::live`

**Commit** [fe7077bc](#)

**Removal date** 2011-09-13

**media-gfx****blockdiag**

blockdiag now packaged upstream.

Upgrade path is bad. The ebuild will exist in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [75f1a534](#)

**Removal date** 2017-03-08

**sphinxcontrib-blockdiag**

blockdiag now packaged upstream.

Upgrade path is bad. The ebuild will exist in `::shadow` for the foreseeable future.

**Reason** Moved to `::shadow`

**Commit** [d9214cc3](#)

**Removal date** 2017-03-08

**psplash**

Supported alternatives exist, including busybox's `fbsplash` and `plymouth`.

**Reason** Culled

**Commit** [39fc52f8](#)

**Removal date** 2011-02-26

**Issues** [GitHub #141](#)

**sng**

Made obsolete by `upng`, which is available from the AST `::graphics` overlay.

**Reason** Culled

**Commit** [c88cb29d](#)

**Removal date** 2012-03-30

**sxiv**

Package now exists upstream.

**Reason** Culled

**Commit** [523c0450](#)

**Removal date** 2011-08-27

**Issues** [GitHub #457](#)

**media-sound**

**mpdcron**

Maintenance is passing to mleighy's group.

Releases still maintained in jnrowe-misc.

**Reason** Moved to ::live

**Commit** [6ab396d7](#)

**Removal date** 2011-09-13

**media-tv**

**ontv**

Upstream is dropping dependencies, and the effort required to keep this package is excessive given that this overlay is moribund.

**Reason** Culled

**Commit** [a8fcc941](#)

**Removal date** 2014-11-11

**net-irc**

**twirssi**

Maintenance is passing to mleighy's group.

**Reason** Moved to ::live

**Commit** [9c9b2cf7](#)

**Removal date** 2011-09-13

**net-mail**

**rss2email**

This one was a very, very, very long time coming...

This can't be handled by just moving the current `ebuild` to `::fixes`, as the upgrade path is fiercely ugly. The shadowed `ebuild` is expected to be around for quite some time still.

**Reason** Moved to `::shadow`

**Commit** [2f09d163](#)

**Removal date** 2011-05-12

### `sci-geosciences`

#### `osm-gps-map`

The shadowed `ebuild` will exist until upstream's has matching visibility.

**Reason** Moved to `::shadow`

**Commit** [9c3cb374](#)

**Removal date** 2013-04-24

### `sys-fs`

#### `fslint`

An `ebuild` is now available upstream. It is a drop in replacement.

**Reason** Culled

**Commit** [47db2ee8](#)

**Removal date** 2013-03-29

**Issues** [{issue.title} \({issue.id}\)](#)

### `unionfs-fuse`

There is now a version in the tree, and the `ebuilds` will still exist in `::fixes` until a version has equivalent keywords. See the linked bug for some unfortunate details of the upgrade path.

**Reason** Moved to `::shadow`

**Commit** [61af9a27](#)

**Removal date** 2010-01-20

**Issues** [AST#249971](#)

### `virtual`

#### `python-multiprocessing`

Python 2.5 has been removed upstream, so this package is no longer required.

**Reason** Culled

**Commit** [eae27c9](#)

**Removal date** 2013-09-06

**python-importlib**

Python 2.6 has been removed upstream, so this package is no longer required.

**Reason** Culled

**Commit** [1be0cab7](#)

**Removal date** 2014-07-08

**www-apps**

**rstblog**

Maintenance is passing to mleighy's group.

**Reason** Moved to `::live`

**Commit** [06351abd](#)

**Removal date** 2011-09-13

**www-client**

**github-cli**

No longer used at our site.

**Reason** Culled

**Commit** [9ab12d24](#)

**Removal date** 2012-03-21

**opera-remote**

Doesn't work correctly with recent Opera versions, and the built-in command line interface has improved greatly.

**Reason** Culled

**Commit** [77683d8f](#)

**Removal date** 2010-08-08

**surfraw**

This was causing problems with the `kinesis` resolver.

**Reason** Moved to `::shadow`

**Commit** [29d5b356](#)

**Removal date** 2011-09-13

**x11-libs****ghosd**

No longer used at our site.

**Reason** Culled

**Commit** 7181a803

**Removal date** 2013-01-03

**x11-misc****notify-osd**

This packages was found to be unsupportable, even to the level required while it was masked.

**Reason** Moved to `::shadow`

**Commit** d8741f96

**Removal date** 2011-06-02

**x11-plugins****obvious**

Maintenance is passing to mleighy's group.

**Reason** Moved to `::live`

**Commit** a240cd77

**Removal date** 2011-09-13'

**vicious**

Users should have migrated to the new upstream ebuilds, but the upgrade path isn't very clean so it is expected some ebuilds will remain in `::shadow` for some time.

**Reason** Moved to `::shadow`

**Commit** 9072fe6a

**Removal date** 2011-06-16

**x11-themes****notify-osd-icons**

They're definitely very pretty, but without `notify-osd` they provide little additional value.

**Reason** Culled

**Commit** 0ccd124c

**Removal date** 2011-07-02

**x11-wm**

**matwm2**

Moved to `::fixes` until a working version with equivalent keywords is available.

**Reason** Moved to `::shadow`

**Commit** [e36fcf7b](#)

**Removal date** 2010-01-06

**parti**

An `ebuild` now exists upstream.

**Reason** Moved to `::shadow`

**Commit** [c3d01805](#)

**Removal date** 2010-10-08

**Issues** [GitHub #6](#)

**subtle**

It is unsupportable in its current state.

**Reason** Culled

**Commit** [a6d131d3](#)

**Removal date** 2010-03-04

**wmfs**

Maintenance is passing to [mleighy's](#) group.

**Reason** Moved to `::live`

**Commit** [a73b09d3](#)

**Removal date** 2011-09-13

## Contributors

I'd like to thank the following people who have contributed to this repository.

## Patches

- Leon Bird
- Rachel Holmes
- Matt Leighton
- Bashshar Qaraja Maloof

## Bug reports

- Jake Archer
- Daniel Brew
- Dennis Bruce
- Kristian Cole
- Fabien Courtois
- Stephen Cutts
- Ed Lyle
- anna ruda
- Erin Sandusky
- Shi Tang
- Jesper Tremblay
- Matthew Turner
- Jens Wulf

## Ideas

- Jamie Ashton
- Robert Kincade
- Scott Hunter
- Ryan Lewis
- Tony McKenzie
- Patrick Sauvé

If I've forgotten to include your name I wholeheartedly apologise. Just drop me an [email](#) and I'll update the list!

---

**Note:** Some of these contributors pre-date the move to [GitHub](#), but if you have access to the AST overlay you can see their contributions in its repository history.

---

## Licence

The contents of this repository are licensed under the [GPL v2](#).

```
Copyright © 2009–2017 James Rowe <jnrowe@gmail.com>
```

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```

## Download

You can download this project as a [tarball](#). Or, you can clone the project with [Git](#) by running:

```
$ git clone git://github.com/JNRowe/jnrowe-misc.git
```

## Maintenance tools

`Makefile.py` is used for many of the repetitive and maintenance-related tasks in this overlay. The custom code was chosen over **make** as the original `Makefile` was simply becoming too unwieldy, and as many of the support tools were already written in [Python](#) this trade felt like a good choice.

### Repository level support

#### **all**

This task performs all building tasks for the repository. It is purely a wrapper that executes any tasks whose name begins with `gen-`, and doesn't need to be manually updated for new generators.

#### **check**

This task runs all the defined checks for the repository. It is simply a wrapper that executes any task whose name ends with `-check`, and doesn't need to be manually updated for new checks.

#### **clean**

This task removes generated files, such as HTML generated from reST sources.



### `distclean`

In addition to the files removed by the `clean` target this task also removes all the `Manifest` files in the repository.

### `eclass-doc-check`

Check the syntax of eclass documentation using the `awk` script from `app-portage/eclass-manpages`.

### `task-doc-check`

Check all tasks are documented *here*.

## **cupage support**

### `gen-cupage-conf`

This task recreates the `support/cupage.conf` file for this repository, see *watch files*.

### `cupage-check`

This task checks that a `watch` file exists for every package in the repository, see *watch files*.

## **layman support**

### `layman-check`

This task performs a XML validation check on the `layman` support files.

## **Maintenance support tasks**

### `gen-stable`

This task creates a `support/stabilisation.rem` snippet to use a stabilisation reminder. It requires a full `<category>/<package>-<version>` string as its only argument. See the *stabilisation.rem* documentation.

### `keyword-check`

This task is used to check whether packages have `stable`, or at least `unstable`, keywords available on `amd64` and `x86`. These are the only supported archs in this repository, and packages should be available on both where possible.

Previously `arm` was also supported, but this is no longer the case as the packages that were most useful on `arm` have moved to another overlay.

### open-bug

This task will open a bug in the [GitHub repository](#)'s issue tracker. It requires one argument, which will be used as the bug's title. If you give a second argument it will be used for the bug's body. A third argument, if given, will be used for the initial label for the bug.

The examples below should make the usage clear:

```
./Makefile.py open-bug 'new title'  
./Makefile.py open-bug 'title' 'with extended body content'  
./Makefile.py open-bug 'title' 'body' 'initial label'  
./Makefile.py open-bug 'title' '' 'initial label'
```

It reads your GitHub authentication data using `git config`, see the [setup help page on GitHub](#) for more information.

---

**Note:** This task fetches the repository identifier from the `remote.origin.url` setting. See `git-config(1)`.

---

### bump-pkg

This task is a special case of the *open-bug* task whose sole purpose is to file bump requests with the minimum of fuss. It requires a full `<category>/<package>-<version>` string as its only argument.

It reads your GitHub authentication data using `git config`, see the [setup help page on GitHub](#) for more information.

---

**Note:** This task fetches the repository identifier from the `remote.origin.url` setting. See `git-config(1)`.

---

## portage support

### gen-categories

This task recreates the overlay's categories list in `profiles/categories`.

### gen-manifests

This task will regenerate any missing, or stale, Manifest files in the repository.

---

**Note:** If you have a `PORTAGE_GPG_KEY` setting in `/etc/portage/make.conf` it will use that key to sign the created files. See `make.conf(5)` for more information on Manifest signing.

---

### gen-news-sigs

This task is used regenerate any missing, or stale, signatures for news files. See the [GLEP 42](#) documentation for more information.

This task requires you have `PORTAGE_GPG_KEY` set in `/etc/portage/make.conf` to function, see `make.conf(5)` for details.

### **gen-use-local-desc**

This task generates the `profiles/use.local.desc` file using the USE flag information in each package's `metadata.xml` definitions. See *egencache (1)* and the [devmanual's metadata.xml](#) documentation for more information.

### **remind support**

#### **gen-removals**

This task is used to generate `removals.rem`, see the *package.mask* documentation for more information.

#### **reminders**

This task is just a shortcut for using `remind` to display the currently active stabilisation and removal records.

### **reStructuredText support**

#### **gen-html**

This task generates HTML from all files ending in `.rst`. It uses the equivalent of the `rst2html.py` command's `--strict` flag, and will fail if any errors or warnings are issued.

#### **gen-sphinx-html**

This task rebuilds the documentation contained in `doc/` using [Sphinx](#).

#### **gen-thanks**

This task is used to create `doc/thanks.rst` from `README.rst`, its purpose is to remove the error-prone manual edits of both files when adding contributor information.

#### **rst-check**

This task parses all files ending in `.rst` for conformity. It uses the equivalent of the `rst2html.py` command's `--strict` flag, and will fail if any errors or warnings are issued.

### **tasks.utils**

This module is used to provide support functionality for use in other tasks. The few developer facing functions are described below.

**newer** (*file1*, *file2*) → Bool

This function returns `True` if `file1` is newer than `file2`. It handles the case of file arguments that don't yet exist.

**dep** (*targets*, *sources*[, *mapping=False* ]) → function

dep is to be used for checking whether a target needs executing. If the target is up to date the task is not run.

If the *mappings* argument is `True` then rebuilds are only performed if a source is newer than a target when the arguments are paired. If `False` a rebuild is performed if *any* source is a newer than a target.

### Parameters

- **targets** (*list*) – Targets to check against
- **sources** (*list*) – Sources to check against
- **mapping** (*bool*) – Whether targets map directly to sources

**cmd\_output** (*command*)

A simple wrapper for `check_output()` that call commands and returns the result with any whitespace padding removed

**Parameters** **command** (*str*) – Command to execute

## cupage integration

cupage is used to keep packages in sync with their releases. cupage v0.5.4, or above, is required if you wish to make use of this functionality.

All packages in this repository must have an entry in cupage configuration file `support/cupage.conf`, and those entries are generated from the `watch` files in package directories.

### watch file format

For packages hosted on one of the hosting sites supported by cupage a watch file can be very simple<sup>1</sup>. For example, the watch file for `dev-python/aaargh` contains only one line:

```
site = pypi
```

The above definition tells cupage to check for updates to the package named `argh` on `PyPI`.

For packages where the name differs between upstream and this repository for some reason you must specify the name in the watch file. From `dev-python/pyscss`:

```
[pyScss]
site = pypi
```

If the package you are adding is not in the list of supported sites then you'll need to manually define the watch information. `app-misc/weatherspect` provides a useful example:

```
url = http://www.robobunny.com/projects/weatherspect/
select = td a
match_type = re
match = weatherspect_v[\d\.]+\.\tar\.gz
```

This tells cupage to search the defined URL for `a` elements that are children of `td` in the HTML, and to match their `href` attributes against the `match` regular expression.

A more thorough explanation of the format and available options can be found in the [cupage documentation](#).

<sup>1</sup> Use `cupage.py --list-sites` to see the list supported sites in your version of cupage

## Contact

If you wish to contact me about the contents of this overlay, then the simplest way is by [email](#). If you've found a problem I would prefer that you [open an issue](#) on github, but emails are fine as a fallback method.

## Commit signing

This tree has been using signed commits since June 2012, and those commits have been signed with `0xC0174749`. That key has now been retired, and future commits will be signed using `0xABC68E07` with the following fingerprint:

```
3ACF 2658 BC4D 35F6 E470 0DAF FDA3 C542 ABC6 8E07
```

You can find a [signed version of this file](#) on GitHub.

## Contributing

A few notes, beyond the advice in the excellent [devmanual](#), that should be taken in to consideration when contributing to this overlay.

### Package naming

The devmanual's suggestion that filenames should not contain uppercase characters only causes complex *PN/P* rewriting or duplication, and as such is ignored in this overlay.

### Commit messages

Commit messages should be of the form `[<pkg>] <summary>`, or simply `<summary>` for commits that aren't bound to a single package.

Try to follow Tim Pope's excellent [commit message advice](#). There is some leeway on the length of the summary to take in to account the package prefix, but beyond that the rules make perfect sense here.

---

**Note:** Occasionally *I* forget or mis-step on the above rule, and from today(2013-04-05) I'll owe you a coffee every time you point out an infraction. Take advantage, it is the only way I'll learn!

---

### Patches vs sed

It is common practice in Gentoo repositories to fix minor problems using **sed**, presumably because it appears to be quick and easy. This type of usage is *banned* in this overlay. Some of the reasons for this policy are:

- It is very easy to mis-apply transformations
- It is very easy for transformations to not be applied at all without anyone noticing
- For people with poor knowledge of **sed** it leads to horrendous use of grouping and back-references
- Well written, correctly addressed, **sed** expressions tend to be hard for people with only a basic knowledge of the `s` command to comprehend(far harder than unified diff output)

- Many people seem to misunderstand what the common `sed || die` construct does, leading to a false sense of safety. [And frankly, if your **die** calls are triggered because of missing or misspelt files there are much greater problems than a poorly defined call to **sed**.]

---

**Note:** Users inside the AST firewall often rely on our **sed** wrappers to alert them of broken **sed** usage, and that process isn't changing. I'm not applying this rule to all the overlays I maintain, just ones for external users.

---

## die usage

There are few differences between how **die** is commonly used in the upstream tree, and how it is used in this overlay. The rules in the overlay aren't always strictly enforced, but documenting this will hopefully reduce the number of usage questions I'm asked.

### do\* and die

It is common practise within the main Gentoo repository that calls to the likes of **dodoc** or **doman** do not call **die** on failure. This is *not* acceptable in this overlay.

Usage of wildcards in calls to **do\*** is also frowned upon, but not enough to clean up previous usage [yet].

All entities that should be installed should raise a failure if they are not installed, there is no middle ground for some specific types of files.

## HOMEPAGE usage

Against the advice given in the [ebuild variables](#) section of the [devmanual](#), you should feel free to refer to variables in the [HOMEPAGE](#) definition.

Even within the upstream repository this advice is seemingly ignored at will, as it serves little purpose.

## RESTRICT usage

All usage of [RESTRICT](#) in an `ebuild` should be accompanied by an explanation of the reason for the restriction. It should be obvious to someone looking at an `ebuild` the reason why tests, for example, are blocked for a given package.

Of course, it is preferable to fix the underlying reason for needing a [RESTRICT](#) definition, especially in the case of `test` and `userpriv` restrictions.

## stabilisation.rem

`support/stabilisation.rem` is a [remind](#) compatible data file that contains the *best case* stabilisation dates for packages. When a new arch keyword is added, or a package receives a version bump, this file is updated to reflect the earliest possible time a package can migrate to stable.

The format is simple enough:

```
REM <|stable_date|> *1 MSG %"Stabilise |arch| |CPV|%" %a
```

---

**Note:** The initial `stable date` value is 30 days in the future, although it can be longer if more testing is likely to be necessary.

---

## package.mask

The `profiles/package.mask` file includes special syntax for generating removal reminders for packages. An example should explain it adequately:

```
# James Rowe <jnrowe@gmail.com> (27 Jan 2011)
# Better alternatives available including busybox's fbsplash, plymouth, ksplash
# and many others.
# X-Removal: 2011-02-26
media-gfx/psplash
```

The format is identical to that defined in *portage(5)* with the addition of the `X-Removal` tag that is used by the `support/gen_removal.py` script to create an `remind` compatible data file.

A simple, but important, extension that makes it easier to keep on top of important admin tasks.

## distutils-r1.eclass usage

When using the `PYTHON_COMPAT` functionality from `distutils-r1.eclass` it is important to state the reason why a certain Python version isn't supported.

This should, in theory, make it easier to track updates. Also, it should make it immediately clear how much work is required to support a specific Python version if the need arises.

A simple example from the `ebuild` for `rad` would be:

```
# 2.5 is restricted due to except...as syntax
# 3.x is restricted due to print command
PYTHON_COMPAT=(python2_{6,7})
```

You should feel free to use nested brace expansion and sequence expressions in the `PYTHON_COMPAT` declaration, it makes for far more readable definitions than either of the methods preferred upstream. Compare upstream's `colorama` package:

```
PYTHON_COMPAT=( python2_5 python2_6 python2_7 python3_1 python3_2 )
```

or upstream's `pep8` package where brace expansion is used:

```
PYTHON_COMPAT=( python{2_5,2_6,2_7,3_1,3_2,3_3} )
```

with the preferred style for this overlay using `flake8` as an example:

```
PYTHON_COMPAT=(python{2_{5..7},3_{1..3}})
```

## distutils.eclass usage

---

**Important:** At this point you should not be using `distutils.eclass` for `ebuilds`, use `distutils-r1` for all new packages and upgrade packages when bumping.

---

When using the `RESTRICTED_PYTHON_ABIS` functionality from `distutils.eclass` it is important to state the reason why a certain Python version is restricted. See *distutils-r1* for more information.

A simple example from an old ebuild for `rad` would be:

```
SUPPORT_PYTHON_ABIS="1"
PYTHON_DEPEND="2:2.6"
# 2.4 is restricted due to relative imports and except...as syntax
# 2.5 is restricted due to except...as syntax
# 3.x is restricted due to print command
RESTRICT_PYTHON_ABIS="2.[45] 3.*"
```

## watch files

Each package directory contains a `watch` file that is used to generate `support/cupage.conf`. The `support/cupage.conf` file is a config file for `cupage`, which helps us to keep up with new package releases by automating the process of checking project sites.

The format is basically quite simple, but there are a few caveats. First, an easy example from `www-client/cupage`:

```
site = github
user = JNRowe
```

This configuration is all that is needed to check for new tags in the `JNRowe/cupage` project on [GitHub](#).

The output of `cupage.py --list-sites` shows all the possible definitions for the `site` option. If the upstream project is located on one of those sites then the `watch` file should be extremely simple.

For projects not using one of `cupage`'s supported sites a manual matcher must be built. An example from `dev-python/astrol` should be quite illustrative:

```
url = http://www.sffjunkie.co.uk/python-astrol.html
select = td a
match_type = zip
```

This tells `cupage` to check the defined URL for a tags that are descendants of `td` tags, and whose `href` attributes appear to match `zip` file names.

For more information about configuring `cupage` visit the [cupage](#) documentation.

## Caveats

If the package name does not match the project name then the project name must be specified in the `watch` file. A live example from this repository would be `dev-python/straight-plugin`:

```
[straight.plugin]
site = pypi
```

---

**Note:** Project names are almost always case-sensitive, and project names must be specified when the package and project names differ as in the example above.

---

For a live ebuild, or an upstream that has since disappeared, where using `cupage` is unworkable a special entry should be placed in a package's `watch` file.



For a live `ebuild` add the string `# Live ebuild` to the start of the file. It is possible to add other information to the end of the file.

For a package where the upstream site is dead add the string `upstream is dead` somewhere in the watch file. It is possible to add informative notes to the file, such as the previous location or package author data.

## Frequently Asked Questions

### Why don't you submit these to Bugzilla?

At one time I did submit new `ebuilds` to Gentoo's bugzilla, but it tended to be *very* unproductive for *me*.

The purpose of this overlay is to provide packaging for things I use, and that means they're used *today*.

Resolution for new package bugs tends to take an awful lot of time(if it happens at all), and when they are resolved there are occasionally incompatible changes made. Each incompatible change means I get to make the choice of whether I attempt to shift our users to the in-tree version via some possibly hairy migration path, or simply continue to maintain the out of tree `ebuild` indefinitely.

Basically the end result is just far more work, with fast approaching zero benefit from upstreaming. To see the amount of work involved check out `::shadow`, it only exists to handle packages with migration issues and it demonstrates the situation quite well.

### Why isn't this listed in the layman repo?

I've never used `layman`, so it isn't something I would test very often.

A few users have asked in the past, but they normally find the *Installation* method for `layman` satisfies their needs when it is pointed out. Perhaps, it could be more discoverable(ideas how to make it so are very welcome).

### Why are there so many merge commits?

As a result of the way my overlays are managed I have to maintain a bunch of different branches to work around supporting the many different configurations; on top of `gentoo-x86`, stacked on the EADS main tree, using upstream's python eclasses, &c. The simplest way to do it is using a very heavy branching structure.

If you scroll back through the repository history to a time when I wasn't supporting people using portage as their package manager or `gentoo-x86` as a base, you'll see the history was a lot cleaner.

## Appendix

### HOME PAGE

Package's home page, see *ebuild(5)* and variables in Gentoo Development Guide.

### P

Package name and version, see *ebuild(5)* and variables in Gentoo Development Guide.

### PN

Package name, see *ebuild(5)* and variables in Gentoo Development Guide.

### RESTRICT

Portage features to disable for given `ebuild`, see *ebuild(5)* and variables in Gentoo Development Guide.

**PORTAGE\_GPG\_KEY**

`gnupg` key to sign commits with, see *make.conf(5)*.

**PORTDIR\_OVERLAY**

Location of extra ebuild repositories, see *make.conf(5)*.

## CHAPTER 2

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