# Data Map of the Python.Org repositories

Purpose:

This document is intended for the development team as a means of reviewing the repositories they are supporting with the dashboard system. It is also as a supplement to the design of the data storage system.

# SVN Python Mercurial Repositories (<http://hg.python.org>)

Last Accessed 7th of April, 2014

## Repository Map

* Benchmarks: Performance benchmarks for Python implementations
* Buildbot: buildbot checkouts
  + Empty: The 'empty' env for cleanup of buildbot checkouts
* Coc: Code of conduct
* Cpython: The development repository for cpython
* Cpython-fullhistory: The development repository for cpython with full svn history
* Devguide: The Cpython development guide and documentation
* Devinabox: The Python dev in a box development repository
* Distlib: Improved version of distutils
* Distutils2: Improved version distutils
* Extensions: Extensions for CPython
* Features: In development features for python
  + Cdecimal: A development repository for the feature cdecimal
  + Email6: A development repository for the feature email6 and its respectice patchs
  + Finalize: A development repository clone of the web ui
  + Packaging: A development repository for the packaging library
  + Pathlib: A development repository for the experimental pathlib library
  + Pep-3118: A development repository for the feature pep-3118 and its repective bugfixes
  + Pep-3151
  + Pep-3154
  + Pep-3154-alexandre
  + Pep-3155
  + Pep-382
  + Pep-382-2
  + Pep-420
  + Pep-433
  + Pep-443
  + Pep-446
  + Pep-451
  + Pep-456
  + Pep-463 – Secondary Pep-463 repo
  + Pep-463-except-expr: Pep 463 implementation
  + Pep397
  + Randomhash: test repository for the randomized hash function
  + Tracemalloc: A development repository for the new tracemalloc module.
  + Winapi: : A development repository for the rework of the win api
* Gietatu
  + Python: Python 3.4.0 alpha 4
* Hgsubversion: Subversioning for the hg system
* Hooks: Hooks for the web mercurial service
* Jython: Jython development repository
* Jython-docs: Jython-docs development repository
  + 2.5.x: Clone repo for version 2.5.x
  + Devguide: The Jpython development guide and documentation
  + Website: Clone repo
* Jython-fullhistory: Full jython development svn repository
* Jython-releasing: release branch for jython
  + 2.5.3: release branch for 2.5.3
* Larry: Testing implantations
  + 340
  + Path\_error2
  + Path\_error2a
  + Path\_error2c
* Peps: Python enchantment proposals
* Platform
  + Plan9: Python 2.7.5 for the plan9 os
* Python-wiki: Config for the python wiki
* Release: Python release script
* Releasing: Release repo clones for python
  + 2.7.6
  + 3.2.3
  + 3.2.4
  + 3.3.0
  + 3.3.1
  + 3.3.3
  + 3.3.4
  + 3.3.5
  + 3.4
* Sanbox: Support repository
  + Python\_shashank
* Sandbox: Experimental and side project repositorys, either for features or for personal users
  + A
  + Akuchling
  + Antoine
  + Bcannon
  + Brian
  + Chelmes
  + Cjerdonek-cpython
  + Cococo
  + Cococox
  + Cpython
  + Cpython-issue18978
  + Cpython2
  + Email6-pypi
  + Empty282
  + Empty29
  + Follow\_symlinks
  + Gps
  + Gps-cpython
  + Guido
  + Jcea-cpython-2011
  + Jy3k
  + Jython-website
  + Jython27
  + Loewis
  + Merwok
  + Morph
  + Morph-devguide
  + Ncoghlan
  + Neologix
  + New\_news
  + Nvamda
  + Orsenthil
  + Prefast
  + Python3
  + Raymondh
  + Regex-integration
  + Registervm
  + Relpep
  + Sbt
  + Steve.downer
  + Tkdoc
  + Trent
  + Trent.oracle
  + Trent.peps
  + Vs2010port
  + Vsajip
  + Xxdistlib
  + Zware
* Sandbox1
  + Python3
* Sandbox2
  + Python3
* Stackless: Stackless Python development repository
* Stackless-fullhistory: The full Stackless Python development repository
* Test: Test repo for users
* Tracker: Bug tracker instance for systems
  + Django-gae2django
  + Jython
  + Meta
  + Python-dev
  + Rietveld
  + Roundup
  + Setuptools
* Unittest2: Improved version of unittes
* Users: Users work
  + Alexis: Alexis’ work
  + Barry: Barry Warsaw’s work

## Repository Attributes

In the SVN repository the following attributes are relevant

Author: The creator of the change

Date: The time the change occurred

Parent: The parent node of the current entry

Child: The child node of the current entry

Files: The applicable files in the system entry

Files Changed: The amount of files changed

Insertions: The amount of line insertions

Deletions: The amount of line deletions

Description: Description of the entry

Node ID: A unique identifier for the instance

## Visualization of data

In the dashboard system the following visualizations of data coming from the SVN system are recommended.

A Bar graph or histogram comparing subscribed repositories and their recent activity in the last 30 days.

A statistic for the user in the form of either a line graph. Showing total number of files edited, total additions, total deletions, total log entries. As well as an aggregate for all users of the type contributor.

A form based view providing the other statistics in a readable format to the user showing their activity (insertions, deletions, entries, number of files edited, how long they have being committing for).

# Bug Tracker Python Repositories (<http://bugs.python.org>)

Last Accessed 7th of April, 2014

## Repository Map

The repository has three main dividing features

Type: ( The type of bug)

-no selection-

Behaviour

Crash

Compile error

Resource usage

Security

Performance

Enhancement

Version: (Which version of python is affected)

2.7

3.1

3.2

3.3

3.4

3.5

Components(Where in the system the bug occurred):

2to3 (2.x to 3.x conversion tool)

Benchmarks

Build

Cross-Build

ctypes

Demos and Tools

Devguide

Distutils

Documentation

email

Extension Modules

IDLE

Installation

Interpreter Core

IO

Library (Lib)

Macintosh

Regular Expressions

Tests

Tkinter

Unicode

Windows

XML

## Repository Attributes

In the SVN repository the following attributes are relevant

Assigned to: The user the bug has being assigned to

Title: The title of the issue listing

Type: The type of issue

Version: The versions of python affected

Components: The applicable components affected by the bug

Status: Status of the issue (open/closed/pending)

Stage: The stage of the resolution, (committed/rejected/patch review

Resolution: Status of the resolution (i.e. committed/rejected)

Dependencies: Any issues depend on this issue

Superseder: Any superseding issues to this one

Nosy List: (Users alerted by notifications)

Priority: priority of said issue (low/medium/high/…)

Keywords: Tags for the searching for issue

ID: Unique Identifier number for the issue

File: Attached file

File description: description for the file

Remote hg repo: link to the patch from the mercurial repository

Comment: Allows the user to comment on the issue

Date: Date when the issue is lodged/last changed

User: The user involved

Messages: Message/comment count on the issue

## Visualization of data

In the dashboard system the following visualizations of data coming from the SVN system are recommended.

A Bar graph or histogram comparing issues and their type. Also comparing versions with total issues by category.

A Bar graph displaying the open and closed issues for the user signed in, as well as for all users. An extra part in this graph displaying it by category will provide the user more information.

A pie graph comparing the components and their relevant percentage of issues.

A form based view providing some raw stats for the user. Total messages on issues which they created/assigned to.

# Mail Python Repositories (<http://mail.python.org>)

Last Accessed 7th of April, 2014

## Repository Map

The repository has the following categories

|  |  |
| --- | --- |
| **List** | **Description** |
| [Advocacy](https://mail.python.org/mailman/listinfo/advocacy) | Coordination of the Python Advocacy Effort |
| [Archiver-dev](https://mail.python.org/mailman/listinfo/archiver-dev) | Development of email archivers |
| [Arkansas](https://mail.python.org/mailman/listinfo/arkansas) | *Arkansas Python Group* |
| [BangPypers](https://mail.python.org/mailman/listinfo/bangpypers) | Bangalore Python Users Group - India |
| [Barcamp](https://mail.python.org/mailman/listinfo/barcamp) | *---* |
| [Baypiggies](https://mail.python.org/mailman/listinfo/baypiggies) | SF Bay Area Python group |
| [Canberra-PUG](https://mail.python.org/mailman/listinfo/canberra-pug) | Canberra Python Users Group |
| [capi-sig](https://mail.python.org/mailman/listinfo/capi-sig) | Mailing list for discussing the Python/C API |
| [CentralOH](https://mail.python.org/mailman/listinfo/centraloh) | Mailing list for Central Ohio Python User Group (COhPy) |
| [CentralVA](https://mail.python.org/mailman/listinfo/centralva) | Local user group for Central Virginia USA, based in Charlottesville. |
| [Chennaipy](https://mail.python.org/mailman/listinfo/chennaipy) | Chennai Python User Group Mailing List |
| [Chicago](https://mail.python.org/mailman/listinfo/chicago) | The Chicago Python Users Group |
| [ChiPy-announce](https://mail.python.org/mailman/listinfo/chipy-announce) | The Chicago Python Users Group -- Announce Only List |
| [code-quality](https://mail.python.org/mailman/listinfo/code-quality) | A mailing list for code-quality tools related to Python |
| [Compiler-sig](https://mail.python.org/mailman/listinfo/compiler-sig) | Discussion of Python compilation |
| [concurrency-sig](https://mail.python.org/mailman/listinfo/concurrency-sig) | py concurrency sig |
| [Conferences](https://mail.python.org/mailman/listinfo/conferences) | Open discussion of Python conferences, worldwide, existing and planned |
| [Core-mentorship](https://mail.python.org/mailman/listinfo/core-mentorship) | Python Core Development Mentorship |
| [Cplusplus-sig](https://mail.python.org/mailman/listinfo/cplusplus-sig) | Development of Python/C++ integration |
| [Cryptography-dev](https://mail.python.org/mailman/listinfo/cryptography-dev) | *Python dev relating to the topic of cryptography* |
| [Csv](https://mail.python.org/mailman/listinfo/csv) | Discussions about CSV support in Python |
| [cython-devel](https://mail.python.org/mailman/listinfo/cython-devel) | Core developer mailing list of the Cython compiler |
| [DB-SIG](https://mail.python.org/mailman/listinfo/db-sig) | SIG on Python Tabular Databases |
| [DCPIGgies](https://mail.python.org/mailman/listinfo/dcpiggies) | Washington DC Python Interest Group |
| [Dehradun-Python](https://mail.python.org/mailman/listinfo/dehradun-python) | Mailing List of Dehradun Python User Group |
| [Distutils-SIG](https://mail.python.org/mailman/listinfo/distutils-sig) | Python Distribution Utilities |
| [Diversity](https://mail.python.org/mailman/listinfo/diversity) | Promoting diversity in the Python community |
| [Diversity-SIG](https://mail.python.org/mailman/listinfo/diversity-sig) | Promoting diversity in the Python community |
| [Doc-SIG](https://mail.python.org/mailman/listinfo/doc-sig) | Python Documentation Special Interest Group |
| [docs](https://mail.python.org/mailman/listinfo/docs) | Mailing list for maintenance of the Python documentation |
| [Edinburgh](https://mail.python.org/mailman/listinfo/edinburgh) | Python Edinburgh |
| [Edu-sig](https://mail.python.org/mailman/listinfo/edu-sig) | Python in education |
| [Elections](https://mail.python.org/mailman/listinfo/elections) | Discussion of PSF elections |
| [Email-SIG](https://mail.python.org/mailman/listinfo/email-sig) | SIG for designing and implementing email 3.0 |
| [EuroPython](https://mail.python.org/mailman/listinfo/europython) | Planning the European Python community conference |
| [EuroPython-announce](https://mail.python.org/mailman/listinfo/europython-announce) | EuroPython announcements |
| [Europython-improve](https://mail.python.org/mailman/listinfo/europython-improve) | Discussion list for the EuroPython organisers & active volunteers |
| [europython-volunteer-announce](https://mail.python.org/mailman/listinfo/europython-volunteer-announce) | EuroPython volunteer announcement list |
| [EuroSciPy](https://mail.python.org/mailman/listinfo/euroscipy) | Planning the EuroSciPy conference |
| [euroscipy-org](https://mail.python.org/mailman/listinfo/euroscipy-org) | Organisation of EuroScipy |
| [execnet-commit](https://mail.python.org/mailman/listinfo/execnet-commit) | commits for the execnet project |
| [execnet-dev](https://mail.python.org/mailman/listinfo/execnet-dev) | Channel/Actor style communication between Python interpreters |
| [Expat-bugs](https://mail.python.org/mailman/listinfo/expat-bugs) | Issue tracker activity for Expat |
| [Expat-checkins](https://mail.python.org/mailman/listinfo/expat-checkins) | Revision-control actions for Expat |
| [Expat-discuss](https://mail.python.org/mailman/listinfo/expat-discuss) | Discussion of the Expat XML parser |
| [Fosdem](https://mail.python.org/mailman/listinfo/fosdem) |  |
| [FoxPUG](https://mail.python.org/mailman/listinfo/foxpug) | Fox Valley Python Users Group |
| [Freelancers](https://mail.python.org/mailman/listinfo/freelancers) | A list for freelance Python developers |
| [Glasgow](https://mail.python.org/mailman/listinfo/glasgow) | Python Glasgow |
| [Grants-discuss](https://mail.python.org/mailman/listinfo/grants-discuss) | Public discussion of PSF Grants applications |
| [Group-Organizers](https://mail.python.org/mailman/listinfo/group-organizers) | Support and Mentoring of Usergroup Organizers (Current or Wannabe) |
| [Gurkentruppe](https://mail.python.org/mailman/listinfo/gurkentruppe) | nobody should subcribe here |
| [Healthcare](https://mail.python.org/mailman/listinfo/healthcare) | Python community healthcare SIG |
| [I18n-sig](https://mail.python.org/mailman/listinfo/i18n-sig) | Python internationalization and localization |
| [IDLE-dev](https://mail.python.org/mailman/listinfo/idle-dev) | IDLE development |
| [Image-SIG](https://mail.python.org/mailman/listinfo/image-sig) | Image Processing with Python SIG |
| [Import-SIG](https://mail.python.org/mailman/listinfo/import-sig) | PEP 382 and other import machinery improvements |
| [Inpycon](https://mail.python.org/mailman/listinfo/inpycon) | Mailing list for the PyCon India conference |
| [Ipss](https://mail.python.org/mailman/listinfo/ipss) | Indian Python Software Society |
| [iQ-users](https://mail.python.org/mailman/listinfo/iq-users) | Support for Andor's iQ OpenSource package |
| [Ironpython-users](https://mail.python.org/mailman/listinfo/ironpython-users) | Discussion of IronPython |
| [Jython-checkins](https://mail.python.org/mailman/listinfo/jython-checkins) | Check-in messages from the Jython maintainers |
| [KolPy](https://mail.python.org/mailman/listinfo/kolpy) |  |
| [Mailman-announce](https://mail.python.org/mailman/listinfo/mailman-announce) | Announce-only list for Mailman releases and news |
| [Mailman-checkins](https://mail.python.org/mailman/listinfo/mailman-checkins) | Check-in messages from the Mailman maintainers |
| [Mailman-coders](https://mail.python.org/mailman/listinfo/mailman-coders) | Mailman list for bug and patch messages |
| [Mailman-Developers](https://mail.python.org/mailman/listinfo/mailman-developers) | GNU Mailman developers |
| [Mailman-docs](https://mail.python.org/mailman/listinfo/mailman-docs) | Coordinating the Mailman documentation project |
| [Mailman-i18n](https://mail.python.org/mailman/listinfo/mailman-i18n) | Mailman Internationalization Effort |
| [Mailman-Users](https://mail.python.org/mailman/listinfo/mailman-users) | Mailman mailing list management users |
| [MashhadPUG](https://mail.python.org/mailman/listinfo/mashhadpug) | Mashhad Python User Group |
| [Medusa-dev](https://mail.python.org/mailman/listinfo/medusa-dev) | Asynchronous programming framework |
| [melbourne-pug](https://mail.python.org/mailman/listinfo/melbourne-pug) | Melbourne Python Users Group |
| [Meta-sig](https://mail.python.org/mailman/listinfo/meta-sig) | SIG on python.org SIGs and mailing lists |
| [Multiprocessing-sig](https://mail.python.org/mailman/listinfo/multiprocessing-sig) |  |
| [Ncr-Python.in](https://mail.python.org/mailman/listinfo/ncr-python.in) | NCR Python Users Group India |
| [NeedForSpeed](https://mail.python.org/mailman/listinfo/needforspeed) | Reykjavik Sprint |
| [New-bugs-announce](https://mail.python.org/mailman/listinfo/new-bugs-announce) | List for new Python bug reports |
| [Newsletter](https://mail.python.org/mailman/listinfo/newsletter) | A mailing list for the Python Newsletter Editors... |
| [Omaha](https://mail.python.org/mailman/listinfo/omaha) | Omaha Python Users Group |
| [oscon](https://mail.python.org/mailman/listinfo/oscon) | Python/PSF planning for OSCON |
| [Pandas-dev](https://mail.python.org/mailman/listinfo/pandas-dev) |  |
| [Patches](https://mail.python.org/mailman/listinfo/patches) | Mailing list for submission of patches to Python |
| [PEPs](https://mail.python.org/mailman/listinfo/peps) | Python Enhancement Proposals (only PEP Editors can subscribe) |
| [Planet](https://mail.python.org/mailman/listinfo/planet) | Send requests for additions/changes to the Planet Python aggregator. No subscription requests, please (apart from maintainers). |
| [Playground](https://mail.python.org/mailman/listinfo/playground) | A playground for Mailman 2.1 testing |
| [PLPUG](https://mail.python.org/mailman/listinfo/plpug) | Polish PUG |
| [Portland](https://mail.python.org/mailman/listinfo/portland) | Python Users Group -- Portland, Oregon USA |
| [Psf-redesign](https://mail.python.org/mailman/listinfo/psf-redesign) | Python.org RFP Redesign |
| [PSF-sponsors](https://mail.python.org/mailman/listinfo/psf-sponsors) | Discussions among PSF sponsor members |
| [PSF-Volunteers](https://mail.python.org/mailman/listinfo/psf-volunteers) | Volunteer pool for the PSF |
| [PSSI](https://mail.python.org/mailman/listinfo/pssi) |  |
| [PyAR2](https://mail.python.org/mailman/listinfo/pyar2) | Arkansas Python User Group - Python ARtists of ARkansas |
| [Pycon-announce](https://mail.python.org/mailman/listinfo/pycon-announce) | *---* |
| [PyCon-AV](https://mail.python.org/mailman/listinfo/pycon-av) | *---* |
| [PyCon-de](https://mail.python.org/mailman/listinfo/pycon-de) | German Python Events and Conferences (in German) |
| [Pycon-feedback](https://mail.python.org/mailman/listinfo/pycon-feedback) | *---* |
| [Pycon-interest](https://mail.python.org/mailman/listinfo/pycon-interest) | *---* |
| [PyCon-organizers](https://mail.python.org/mailman/listinfo/pycon-organizers) | planning PyCon, the annual US Python conference |
| [Pycon-se](https://mail.python.org/mailman/listinfo/pycon-se) | *---* |
| [Pycon-staff](https://mail.python.org/mailman/listinfo/pycon-staff) | *---* |
| [PyCon-Tech](https://mail.python.org/mailman/listinfo/pycon-tech) | Development of PyCon conference software |
| [Pycon-volunteers](https://mail.python.org/mailman/listinfo/pycon-volunteers) | *---* |
| [PyCon-ZA](https://mail.python.org/mailman/listinfo/pycon-za) | *---* |
| [Pyconscot](https://mail.python.org/mailman/listinfo/pyconscot) | *---* |
| [pyconuk](https://mail.python.org/mailman/listinfo/pyconuk) | Mailing list for the PyCon UK conference |
| [pydotorg-www](https://mail.python.org/mailman/listinfo/pydotorg-www) | Public list for python.org maintenance |
| [Pygui](https://mail.python.org/mailman/listinfo/pygui) | PyGUI Developers and Users List |
| [Pyiran-organizers](https://mail.python.org/mailman/listinfo/pyiran-organizers) | *---* |
| [PyLadies-BLR](https://mail.python.org/mailman/listinfo/pyladies-blr) | PyLadies-BLR |
| [PyOhio](https://mail.python.org/mailman/listinfo/pyohio) | General discussion list for attendees of the PyOhio conference |
| [PyOhio-announce](https://mail.python.org/mailman/listinfo/pyohio-announce) | Announce-only list for prospective attendees of the PyOhio conference |
| [pyop](https://mail.python.org/mailman/listinfo/pyop) | Python On the Peninsula (SF Bay Peninsula) |
| [pyopenssl-users](https://mail.python.org/mailman/listinfo/pyopenssl-users) | pyOpenSSL Users List |
| [Pypi-checkins](https://mail.python.org/mailman/listinfo/pypi-checkins) | *---* |
| [pypy-br](https://mail.python.org/mailman/listinfo/pypy-br) | Desenvolvimento do PyPy em Português do Brasil |
| [pypy-commit](https://mail.python.org/mailman/listinfo/pypy-commit) | commits to pypy development |
| [pypy-dev](https://mail.python.org/mailman/listinfo/pypy-dev) | development of the PyPy Python implementation |
| [pypy-issue](https://mail.python.org/mailman/listinfo/pypy-issue) | *---* |
| [PySilesia](https://mail.python.org/mailman/listinfo/pysilesia) | PySilesia initiative group |
| [pytest-commit](https://mail.python.org/mailman/listinfo/pytest-commit) | commits for pytest and tox |
| [Pytest-dev](https://mail.python.org/mailman/listinfo/pytest-dev) | development of pytest testing tool |
| [Python-announce-list](https://mail.python.org/mailman/listinfo/python-announce-list) | Announcement-only list for the Python programming language |
| [Python-authors](https://mail.python.org/mailman/listinfo/python-authors) | For authors, editors, reviewers of writings about Python |
| [Python-az](https://mail.python.org/mailman/listinfo/python-az) | Azerbaijan Python Users |
| [Python-bugs-list](https://mail.python.org/mailman/listinfo/python-bugs-list) | List which receives bug reports on Python |
| [Python-checkins](https://mail.python.org/mailman/listinfo/python-checkins) | Check-in messages from the Python maintainers |
| [python-committers](https://mail.python.org/mailman/listinfo/python-committers) | Mailing list for Python committers |
| [python-crypto](https://mail.python.org/mailman/listinfo/python-crypto) | Cryptography with Python |
| [python-de](https://mail.python.org/mailman/listinfo/python-de) | Die Deutsche Python Mailingliste |
| [Python-Dev](https://mail.python.org/mailman/listinfo/python-dev) | Python core developers |
| [Python-es](https://mail.python.org/mailman/listinfo/python-es) | La lista de python en castellano |
| [python-events](https://mail.python.org/mailman/listinfo/python-events) | Python Events Calendar Team List |
| [Python-greece](https://mail.python.org/mailman/listinfo/python-greece) | Mailing list for Greek Python User Group. |
| [Python-Help](https://mail.python.org/mailman/listinfo/python-help) | Expert volunteers answer Python-related questions |
| [Python-HPC](https://mail.python.org/mailman/listinfo/python-hpc) | Python for High Performance and Scientific Computing |
| [Python-ideas](https://mail.python.org/mailman/listinfo/python-ideas) | Discussions of speculative Python language ideas |
| [Python-ir](https://mail.python.org/mailman/listinfo/python-ir) | Iranian Python Users |
| [python-ldap](https://mail.python.org/mailman/listinfo/python-ldap) | Discussion around development, usage etc. of module package ldap |
| [Python-legal-sig](https://mail.python.org/mailman/listinfo/python-legal-sig) | Discussion of Python Legal/Compliance issues |
| [Python-list](https://mail.python.org/mailman/listinfo/python-list) | General discussion list for the Python programming language |
| [Python-mode](https://mail.python.org/mailman/listinfo/python-mode) | For issues concerning python-mode for X/Emacs |
| [python-muc](https://mail.python.org/mailman/listinfo/python-muc) | Mailing list for µPy, the Munich Python User Group. |
| [python-nigeria](https://mail.python.org/mailman/listinfo/python-nigeria) | Nigerian Python Users Group |
| [Python-nl](https://mail.python.org/mailman/listinfo/python-nl) | Dutch Python developers and users |
| [Python-porting](https://mail.python.org/mailman/listinfo/python-porting) | Discussion about porting Python code (mainly 2.x -> 3.x) |
| [Python-se](https://mail.python.org/mailman/listinfo/python-se) |  |
| [Python-Togo](https://mail.python.org/mailman/listinfo/python-togo) | Togolese Python Users (Togo PyUG) |
| [python-uk](https://mail.python.org/mailman/listinfo/python-uk) | UK Python Users |
| [python-win32](https://mail.python.org/mailman/listinfo/python-win32) | Python on win32 |
| [python3-ldap](https://mail.python.org/mailman/listinfo/python3-ldap) | Pure Python 3 LDAP v3 client library |
| [PythonCAD](https://mail.python.org/mailman/listinfo/pythoncad) | Mailing list for PythonCAD development |
| [PythonCE](https://mail.python.org/mailman/listinfo/pythonce) | Python programming on Windows CE |
| [PythonDotNet](https://mail.python.org/mailman/listinfo/pythondotnet) | A list for users and developers of Python for .NET |
| [Pythonmac-SIG](https://mail.python.org/mailman/listinfo/pythonmac-sig) | SIG on Python for the Apple Macintosh |
| [PyVault-devel](https://mail.python.org/mailman/listinfo/pyvault-devel) | Package development issues |
| [PyVault-users](https://mail.python.org/mailman/listinfo/pyvault-users) | For users of the PyVault RPM Repository. |
| [sapug](https://mail.python.org/mailman/listinfo/sapug) | South Australian Python Users Group |
| [Shtoom](https://mail.python.org/mailman/listinfo/shtoom) | Discussion about Shtoom - a Python VoIP softphone |
| [Soap](https://mail.python.org/mailman/listinfo/soap) | SOAP libraries for Python developers |
| [SoC2010-General](https://mail.python.org/mailman/listinfo/soc2010-general) | A general list for discussion of Summer of Code 2010 |
| [SoC2011-mentors](https://mail.python.org/mailman/listinfo/soc2011-mentors) | A discussion for the mentors of Summer of Code 201` |
| [Soc2012-general](https://mail.python.org/mailman/listinfo/soc2012-general) | A general list for discussion of Summer of Code 2012 |
| [Soc2013-general](https://mail.python.org/mailman/listinfo/soc2013-general) | A general list for discussion of Summer of Code 2013 |
| [Soc2014-general](https://mail.python.org/mailman/listinfo/soc2014-general) | Summer of Code 2014 general discussion list (students and mentors) |
| [SpamBayes](https://mail.python.org/mailman/listinfo/spambayes) | Discussion list for Pythonic Bayesian classifier |
| [Spambayes-announce](https://mail.python.org/mailman/listinfo/spambayes-announce) | Announcements related to the SpamBayes project |
| [Spambayes-bugs](https://mail.python.org/mailman/listinfo/spambayes-bugs) | SF Bug tracker mailing list for SpamBayes project |
| [Spambayes-checkins](https://mail.python.org/mailman/listinfo/spambayes-checkins) | Check-in messages for the spambayes project |
| [spambayes-dev](https://mail.python.org/mailman/listinfo/spambayes-dev) | Development of the Pythonic Bayesian classifier |
| [Speed](https://mail.python.org/mailman/listinfo/speed) | *---* |
| [Sprints](https://mail.python.org/mailman/listinfo/sprints) | *---* |
| [stdlib-sig](https://mail.python.org/mailman/listinfo/stdlib-sig) | Python standard library development list |
| [Sunpiggies](https://mail.python.org/mailman/listinfo/sunpiggies) | Python Users Group -- Flagstaff/Phoenix/Tucson, Arizona USA |
| [TehPUG](https://mail.python.org/mailman/listinfo/tehpug) | Tehran Python User Group |
| [Texas](https://mail.python.org/mailman/listinfo/texas) | Discussion list for the Texas region Python community |
| [Tkinter-discuss](https://mail.python.org/mailman/listinfo/tkinter-discuss) | *---* |
| [tkRAD-discuss](https://mail.python.org/mailman/listinfo/tkrad-discuss) | tkRAD: Tkinter XML widget builder |
| [Tracker-discuss](https://mail.python.org/mailman/listinfo/tracker-discuss) | Discussion/coordination of the issue tracker used for Python development |
| [TriZPUG](https://mail.python.org/mailman/listinfo/trizpug) | Triangle (North Carolina) Zope and Python Users Group |
| [Tutor](https://mail.python.org/mailman/listinfo/tutor) | Discussion for learning programming with Python |
| [ULS-SIG](https://mail.python.org/mailman/listinfo/uls-sig) | Ultra Large Scale Systems with Python |
| [Vm-papers-discuss](https://mail.python.org/mailman/listinfo/vm-papers-discuss) | *---* |
| [Web-SIG](https://mail.python.org/mailman/listinfo/web-sig) | SIG for Python support for the Web |
| [Winnipeg](https://mail.python.org/mailman/listinfo/winnipeg) | Winnipeg Python Users Group |
| [xml-sig](https://mail.python.org/mailman/listinfo/xml-sig) | Python XML Special Interest Group |

## Repository Attributes

In the mail repository the following attributes are relevant

Messages: The total number of messages sent

Subject: The title of the email chain

Date: The time the message was sent

Mailing List: The category of the mail

Author: The sender of the message

Thread: Grouping emails by the original message

## Visualization of data

In the dashboard system the following visualizations of data coming from the SVN system are recommended. It is important to note for this section a larger amount of the data will be aggregated data

A Line graph showing the total number of threads in a given month in a selected mailing list.

A form based display or a bar graph for displaying other stats for a given mailing list such as

In a given time period (need to consult with the client). The dashboard should display.

Total number of threads

Total number of messages

Total number of messages from the user

Maximum number of messages on a thread

Average number of messages on a thread