

How to help out with Python

Joshua Jay Herman (BOA)



Is it me you're looking for?



My Contribution (Mention PYTHONFAULTHANDLER in the man page)

classification

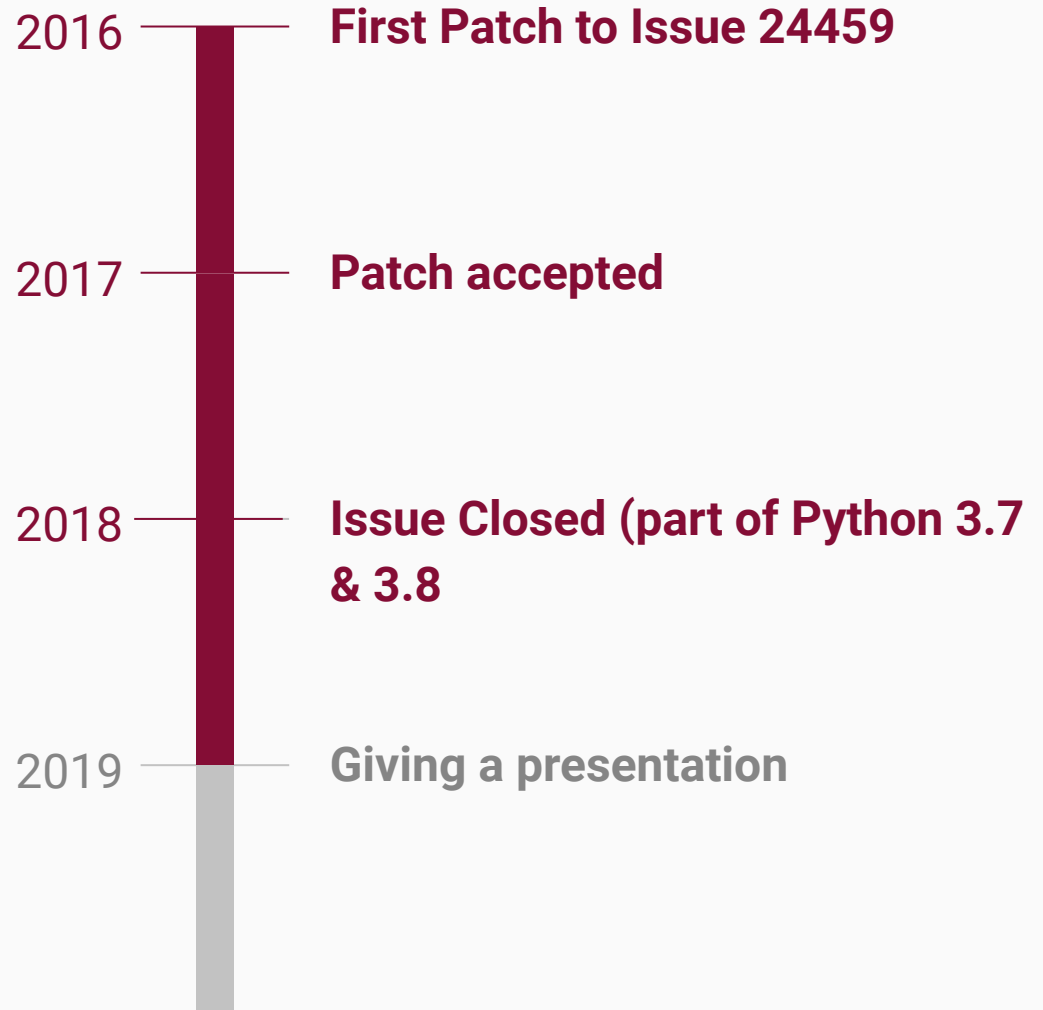
Title: Mention PYTHONFAULTHANDLER in the man page	
Type: enhancement	Stage: resolved
Components: Documentation	Versions: Python 3.8, Python 3.7

process

Status: closed	Resolution: fixed
Dependencies:	Superseder:
Assigned To: docs@python	Nosy List: APwhitehat, Mariatta, berker.peksag, docs@python, matrixise, miss-islington, vstinner, zitterbewegung
Priority: normal	Keywords: easy, patch

Created on **2015-06-16 20:51** by **Antony.Lee**, last changed **2018-07-09 19:38** by **berker.peksag**. This issue is now **closed**.

Timeline



What is a man page?

What it looks like

If this is set to a non-empty string it is equivalent to specifying the `-v` option. If set to an integer, it is equivalent to specifying `-v` multiple times.

PYTHONWARNINGS

If this is set to a comma-separated string it is equivalent to specifying the `-W` option for each separate value.

PYTHONHASHSEED

If this variable is set to "random", a random value is used to seed the hashes of str and bytes objects.

If PYTHONHASHSEED is set to an integer value, it is used as a fixed seed for generating the hash() of the types covered by the hash randomization. Its purpose is to allow repeatable hashing, such as for selftests for the interpreter itself, or to allow a cluster of python processes to share hash values.

The integer must be a decimal number in the range [0,4294967295]. Specifying the value 0 will disable hash randomization.

PYTHONMALLOC

Set the Python memory allocators and/or install debug hooks. The available memory allocators are `malloc` and `pymalloc`. The available debug hooks are `debug`, `malloc debug`, and `pymalloc debug`.

What is Troff?

Diff of python.man

```
diff --git a/Misc/python.man b/Misc/python.man
--- a/Misc/python.man
+++ b/Misc/python.man
@@ -426,16 +426,79 @@ of str, bytes and datetime objects.
     If PYTHONHASHSEED is set to an integer value, it is used as a fixed seed for
     generating the hash() of the types covered by the hash randomization. Its
     purpose is to allow repeatable hashing, such as for selftests for the
     interpreter itself, or to allow a cluster of python processes to share hash
     values.

     The integer must be a decimal number in the range [0,4294967295]. Specifying
     the value 0 will disable hash randomization.
+.IP PYTHONMALLOC
+Set the Python memory allocators and/or install debug hooks. The available
+memory allocators are
+.IR malloc
+and
```


bpo-24459: Document missing env variables in python.man #4142

Merged

berkerpeksag merged 2 commits into `python:master` from `berkerpeksag:24459-manpage` on Jul 9, 2018

Conversation 4

Commits 2

Checks 0

Files changed 1

+67 -0



berkerpeksag commented on Oct 26, 2017 • edited by bedevere-bot

Member

+😊 ...

Initial patch by Joshua Jay Herman.

<https://bugs.python.org/issue24459>

1

bpo-24459: Document missing env variables in python.man ...

✓ 161409e

the-knights-who-say-ni added the **CLA signed** label on Oct 26, 2017bedevere-bot added the **awaiting merge** label on Oct 26, 2017berkerpeksag added **needs backport to 3.6** **skip news** labels on Oct 26, 2017

Reviewers

No reviews

Assignees

No one assigned

Labels

CLA signed**skip news**

Projects

None yet

Milestone

No milestone

Getting involved

PYTHON HOME	»
ABOUT	»
NEWS	»
DOCUMENTATION	»
DOWNLOADS	»
COMMUNITY	»
FOUNDATION	»
DEVELOPER'S GUIDE	»
ISSUE TRACKER	»

Issues

Summaries

User




ID	Activity	Title	Status	Creator	Assigned To	Type
33944	12 hours ago	Deprecate and remove pth files	open	barry		enhancement
23670	1 week ago	Modifications to support iOS as a cross-compilation target	open	freakboy3742	ned.deily	enhancement
34247	6 months ago	PYTHONOPTIMIZE ignored in 3.7.0 when using custom launcher	closed	ronaldoussoren	vstinner	behavior
24459	14 months ago	Mention PYTHONFAULTHANDLER in the man page	closed	Antony.Lee	docs@python	enhancement
31415	14 months ago	Add -X option to show import time	closed	inada.naoki	gvanrossum	enhancement
32101	21 months ago	Add PYTHONDEVMODE=1 to enable the developer mode	closed	vstinner		enhancement
19527	23 months ago	Test failures with COUNT_ALLOCS	closed	bkabrda	serhiy.storchaka	behavior
18967	27 months ago	Find a less conflict prone approach to Misc/NEWS	closed	ncoghlan		enhancement
28120	29 months ago	Bug in _PyDict_Pop() on a splitted table	closed	vstinner		crash
26462	37 months ago	Patch to enhance literal block language declaration	closed	mdk	docs@python	enhancement
23848	42 months ago	faulthandler: setup an exception handler on Windows	closed	vstinner		
26199	44 months ago	fix broken link to hamcrest.library.integration.match_equality in unittest.mock "getting started" documentation	closed	das-g	docs@python	
25923	45 months ago	More const char	closed	serhiy.storchaka	serhiy.storchaka	enhancement
12209	66 months ago	Minor edits to faulthandler doc	closed	eric.araujo	docs@python	
14854	68 months ago	faulthandler: fatal error with "SystemError: null argument to internal routine"	closed	zbysz		crash
18957	73 months ago	PYTHONFAULTHANDLER enables faulthandler when the variable is empty	closed	vstinner		
17669	74 months ago	Segfault caused by weird combination of imports and yield from	closed	fhamand	benjamin.peterson	crash
12058	101 months ago	Minor edits to comments in faulthandler	closed	eric.araujo		
11393	102 months ago	Integrate faulthandler module into Python 3.3	closed	vstinner		

Table of Contents

Python Developer's Guide

- Quick Reference
- Quick Links
- Status of Python branches
- Contributing
- Proposing changes to Python itself
- Other Interpreter Implementations
- Key Resources
- Additional Resources
- Code of Conduct
- Full Table of Contents

Sections

1. Getting Started
2. Where to Get Help
3. Lifecycle of a Pull Request
4. Running & Writing Tests
5. Increase Test Coverage
6. Helping with Documentation
7. Documenting Python
8. Silence Warnings From the Test Suite
9. Fixing "easy" Issues (and Beyond)
10. Issue Tracking
11. Triaging an Issue
12. Following Python's Development
13. Porting Python to a new platform
14. How to Become a Core Developer
15. Developer Log
16. Accepting Pull Requests
17. Development Cycle
18. Continuous Integration

Python Developer's Guide

This guide is a comprehensive resource for [contributing](#) to [Python](#) – for both new and experienced contributors. It is [maintained](#) by the same community that maintains Python. We welcome your contributions to Python!

Quick Reference

Here are the basic steps needed to get [set up](#) and contribute a patch. This is meant as a checklist, once you know the basics. For complete instructions please see the [setup guide](#).

1. Install and set up [Git](#) and other dependencies (see the [Get Setup](#) page for detailed information).
2. Fork the [CPython repository](#) to your GitHub account and [get the source code](#) using:

```
git clone https://github.com/<your_username>/cpython
cd cpython
```

3. Build Python, on UNIX and Mac OS use:

```
./configure --with-pydebug && make -j
```

and on Windows use:

```
PCbuild\build.bat -e -d
```

See also [more detailed instructions](#), [how to install and build dependencies](#), and the platform-specific pages for [UNIX](#), [Mac OS](#), and [Windows](#).

4. [Run the tests](#):

```
./python -m test -j3
```

On [most](#) Mac OS X systems, replace `./python` with `./python.exe`. On Windows, use `python.bat`. With Python 2.7, replace `test` with `test.regrtest`.

The PSF

The Python Software Foundation is the organization behind Python. Become a member of the PSF and help advance the software and our mission.

Tweets by @ThePSF



Python Software ✓
@ThePSF



Sunsetting Python 2 - January 1, 2020, will be the day that Python 2 is sunsetted. That means that it will not be improved after that day, even if someone finds a security problem in it. You should upgrade to Python 3 as soon as you can. python.org/doc/sunset-pyt...



Sunsetting Python 2

The official home of the P...
python.org

PSF >>> [Membership](#) >>> Python Community Code of Conduct

Python Community Code of Conduct

The Python community is made up of members from around the globe with a diverse set of skills, personalities, and experiences. It is through these differences that our community experiences great successes and continued growth. When you're working with members of the community, we encourage you to follow these guidelines which help steer our interactions and strive to keep Python a positive, successful, and growing community.

A member of the Python community is:

Open

Members of the community are open to collaboration, whether it's on PEPs, patches, problems, or otherwise. We're receptive to constructive comment and criticism, as the experiences and skill sets of other members contribute to the whole of our efforts. We're accepting of all who wish to take part in our activities, fostering an environment where anyone can participate and everyone can make a difference.

Considerate

3.7. Licensing

To accept your change we must have your formal approval for distributing your work under the [PSF license](#). Therefore, you need to sign a [contributor agreement](#) which allows the [Python Software Foundation](#) to license your code for use with Python (you retain the copyright).

Note: You only have to sign this document once, it will then apply to all your further contributions to Python.

Here are the steps needed in order to sign the CLA:

1. If you don't have an account on bugs.python.org (aka b.p.o), please [register](#) to create one.
2. Make sure your GitHub username is listed in the ["Your Details"](#) section at b.p.o.
3. Fill out and sign the PSF [contributor form](#). The "bugs.python.org username" requested by the form is the "Login name" field under "Your Details".

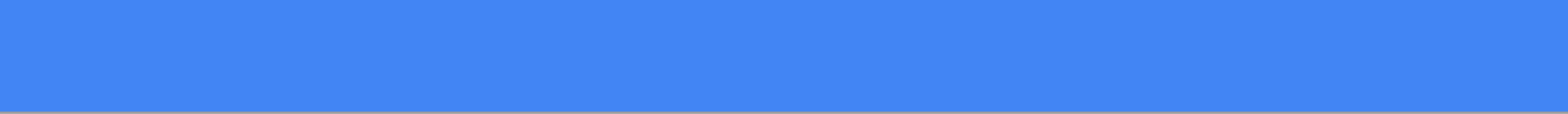
After signing the CLA, please **wait at least one US business day** and then check the status by going to the [check-python-cla](#) website. The check will also be run automatically the next time you push changes to your PR.

Thanks to
@berkerpeksag
@victorstinner
@marriata and
@matrixise

Questions?

Fork

github.com/python/cpython



Contributor Licence agreement

Title:

Mention PYTHONFAULTHANDLER in the man page