

PyOhio 2018

@di_codes

A promotional image for the TV show 'Stranger Things'. In the foreground, a woman with glasses and a large smile is looking towards the camera. Behind her, two men are laughing; one has a mustache and wears a bow tie, while the other has a goatee and wears a suit jacket over a white shirt. The background features a dark, moody landscape with hills or mountains under a cloudy sky.

Hi, I'm Dustin

Who am I?

- Python Packaging Working Group (Packaging-WG) member
- Python Packaging Authority (PyPA) member
- Python Package Index (PyPI) maintainer/contributor/admin
- Developer Advocate @ Google

`{{ talk.title }}`
`{{ talk.subtitle }}`

Python Packaging

Getting the Code You Wrote

To the People That Want It

Using the Same Language You Wrote It In

SHIPPING SOFTWARE
TO USERS
WITH PYTHON



PYCON 2016
ROSE CITY
PORTLAND, OREGON
MAY 28TH - JUNE 5TH

Python Packaging

In Just Five Easy Steps!

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Publish Your Code So Others Can Use It in 5 Easy Steps

Marko Samastur
samastur.com

markos



Python Packaging

In Just FOUR Easy Steps!

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Publish Your Code So Others Can Use It in ~~5~~⁴ Easy Steps

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samastur.com

Python Packaging

It's Relatively Painless Now

Go Ahead and Use It

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SHARE YOUR CODE!

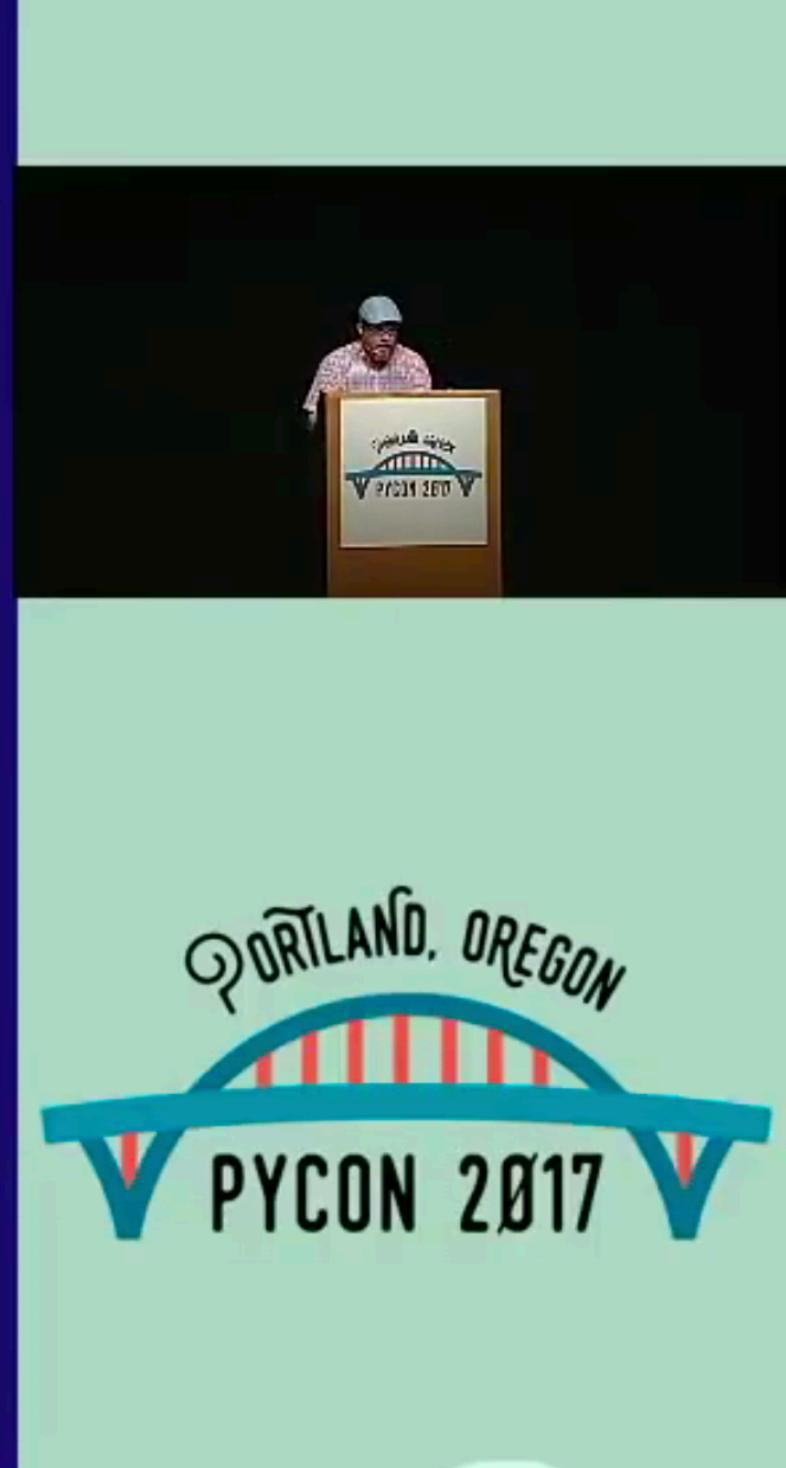
PYTHON PACKAGING WITHOUT COMPLICATION

daveops.com/pycon2017

dave@forgac.com

@tylerdave

(1/68)



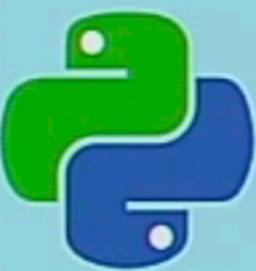
PORTLAND, OREGON

MAY 17 - 25 2017

Python Packaging

We're Still Trying To Make It Better

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PYCON 2014
MONTRÉAL • APRIL 9-17

What is coming in Python packaging

Presented By
Noah Kantrowitz



heroku **Google** **rackspace** the open cloud company **LinkedIn**

Python Packaging

Let's Just Throw It All Away

And Start Over From Scratch

RETHINKING PACKAGING, DEVELOPMENT AND DEPLOYMENT

by [Domen Kožar](#) / [@iElectric](#)

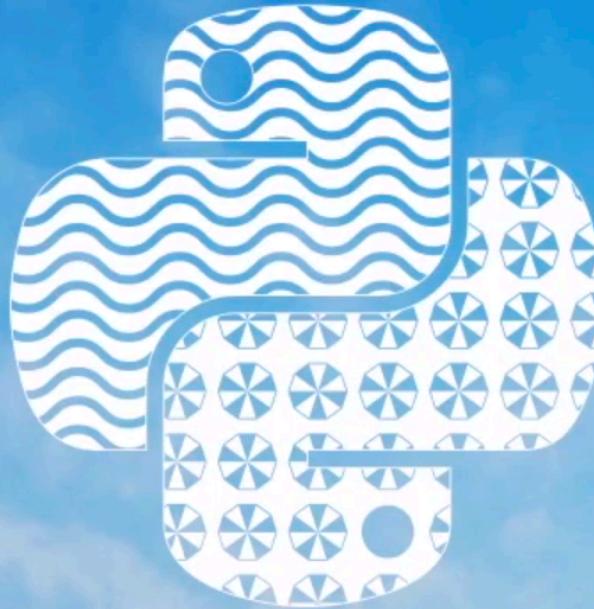
@ Pycon US 2015



Python Packaging

Let Me Just Get You Up To Speed

On Everything That's Changed Since Last Time



europython
9-16 JULY 2017 Rimini

Python Packaging - current state and overview

J. Wasielak

Python Packaging

There's A Lot Of Stuff Here

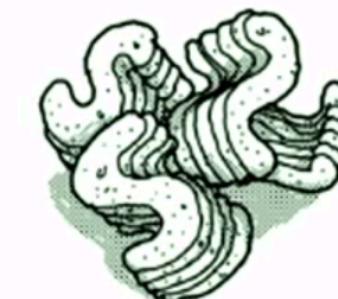
You Might Not Need All Of It



The Packaging Gradient

A Holistic Guide to Software Distribution

Mahmoud Hashemi
August, 2017



Python Packaging

In the Simplest Terms Possible

For Anyone That Cares

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Python packaging simplified

for end users,
app developers,
and open source contributors

Asheesh Laroia



Python Packaging

So Easy A Caveman Could Do It

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A dark, atmospheric photograph of a campfire at night. The fire's glow illuminates the surrounding area, casting long shadows and creating a warm, orange glow against the dark background. Silhouettes of people and trees are visible against the light.

Grug make fire! Grug make wheel!
Russell Keith-Magee



Hello

I Am a PyPI Maintainer

At the Very Least

I Should Be Able To Tell You
How To Use PyPI

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Posting to the Python Package Index

Luke Sneeringer, FeedMagnet

lukesneeringer@gmail.com / @lukesneeringer

Python Packaging

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Python Packaging

But Indiana Jones-themed

@di_codes

Python Packaging

But Indiana Jones-themed (Also In French)

@di_codes

Twidi & Ewjoachim présentent

PYCON FR 2017

et les

**AVENTURIERS
du PACKAGING PERDU**

Links

- <https://www.youtube.com/watch?v=qOH-h-EKKac>
- <https://www.youtube.com/watch?v=5BqAeN-F9Qs>
- <https://www.youtube.com/watch?v=gc9dkktg1gU>
- <https://www.youtube.com/watch?v=W8A2bOKPtJU>
- <https://www.youtube.com/watch?v=eLPiPHr6TVI>

The End

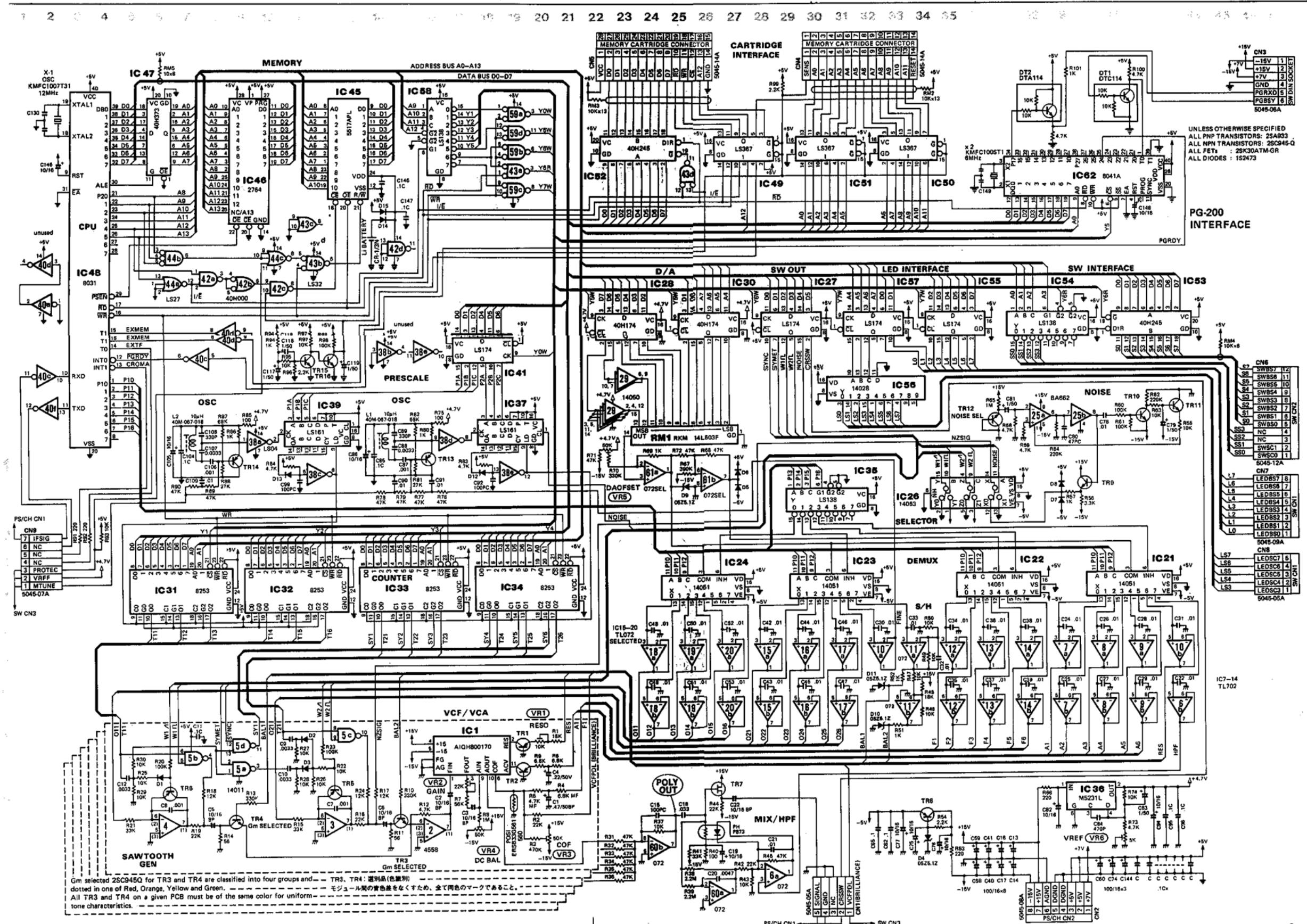
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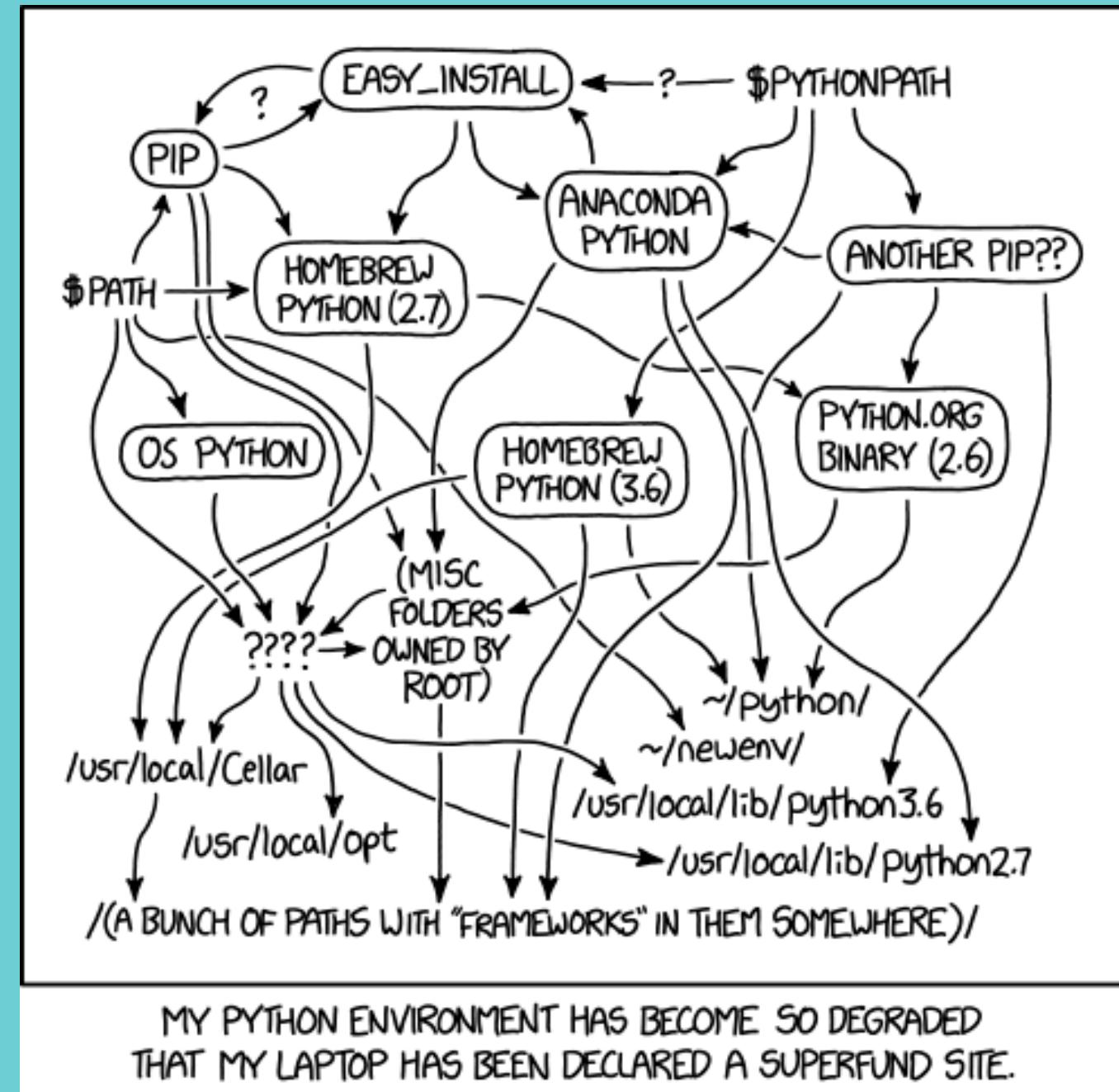
Inside The Cheeseshop

How Python Packaging Works

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<https://xkcd.com/1987/>



Path: gmdzi!unido!mcsun!hp4nl!charon!guido
From: gu...@cwi.nl (Guido van Rossum)
Newsgroups: comp.sys.sgi
Subject: Python distribution posted to alt.sources
Message-ID: <2986@charon.cwi.nl>
Date: 19 Feb 91 17:56:47 GMT
Sender: ne...@cwi.nl
Lines: 83

I have posted a beta release of my Python language to alt.sources.
This language is particularly of interest to SGI users since it
contains an interactive interface to the *full* GL library.
Below is the README of that posting. Note that I cancelled part 02 of
the distribution since it contained a huge generated file -- not to
worry.

--
Guido van Rossum, CWI, Amsterdam <gu...@cwi.nl>
"He used to be a euphemism, now he's just a friend"

----- README follows -----
This is Python, an extensible interpreted programming language that
combines remarkable power with very clear syntax.

This is version 0.9 (the first beta release), patchlevel 1.

Python can be used instead of shell, Awk or Perl scripts, to write
prototypes of real applications, or as an extension language of large
systems, you name it. There are built-in modules that interface to
the operating system and to various window systems: X11, the Mac
window system (you need STDWIN for these two), and Silicon Graphics'
GL library. It runs on most modern versions of UNIX, on the Mac, and
I wouldn't be surprised if it ran on MS-DOS unchanged. I developed it
mostly on an SGI IRIS workstation (using IRIX 3.1 and 3.2) and on the
Mac, but have tested it also on SunOS (4.1) and BSD 4.3 (tahoe).

`totally_awesome_library.py`

`@di_codes`

Problem:

How do I get this to users?

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Solution: Email?

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Solution: Personal Website?

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Google!

B E T A

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[I'm feeling lucky](#)

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Problem:

How do I find Python code?

Solution: The Vaults of Parnassus

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The Vaults of Parnassus: Python

http://py.vaults.ca/parnassus/apylo.py/

Vaults of Parnassus : Python Resources.

About Feedback Latest Random Stats Submit Tree

Vault: Find:

➤ Applications - Ready to run programs written in, or using, Python.	(586)
➤ Database - Database related.	(95)
➤ Games - And game systems.	(61)
➤ Graphics - Graphics processing, manipulation, display, etc.	(195)
➤ Info/Books/Tutorials - In a word: reading material.	(311)
➤ Internet - Specifically Internet related networking stuff.	(638)
➤ Lost/Broken Links - Broken Links and things that need updating. Can you help?	(26)
➤ Math - Mmmmm, crunchy.	(194)
➤ Miscellany - Odds and ends, and otherwise uncategorised things.	(101)
➤ Networking - Networks, distributed computing, sockets, etc.	(339)
➤ O/S Support - Modules and tools specifically targetting various operating systems.	(147)
➤ Programming Tasks - Datatypes, parsing, algorithms, files, etc.	(418)
➤ Python Tools/Extensions - Patches and other enhancements for making Python behave the way you want.	(271)
➤ Sound/Audio - More than a slight rustling in the grass.	(64)
➤ User Interfaces - Text and GUI interfaces, widgets and controls for use with python.	(29)
➤ Web Sites - Python related web sites (personal, user group, non-english, collections, etc).	(330)

Parnassus Totals: 2025 items in 49 categories.

Ad proceeds for Parnassus new development & hosting.

Find: in Title/Short sorted by Date - matching All Strings

vexnet PYTHON Powered [download] Parnassus

Problem:

How do I build this?

@di_codes

Solution:

distutils

@di_codes

```
$ python setup.py <...>
```

```
$ python setup.py build
```

Solution: Source Distributions

@di_codes

AKA:

sdist

@di_codes

AKA:

SSSSSSSSSSSSSSdist

@di_codes

```
$ python setup.py sdist
```

Problem:

Building takes too long

Solution: Built Distributions

@di_codes

AKA:

bdist

@di_codes

```
$ python setup.py bdist
```

Problem:

How can I "do" packaging?

Solution:

Use platform packaging?

Sub-Problem:

**My platform doesn't have
packaging**

Sub-Problem:

My platform *does* have
packaging, but I want things
now!

Solution: The Python Package Index

@di_codes

Python Packages Index

https://web.archive.org/web/20030317170714/http://python.org/pypi

PyPI: Home

Welcome to the Python Package Index (PyPI).

Tip of the week: Did you know that you can get a full list of the available Trove classifiers online and through the *register* command? The online version is available through the sidebar link "[List trove classifiers](#)", and the *register* command version using the "--list-classifiers" option (ie. `python setup.py register --list-classifiers`).

You may:

- [Search](#)
- [Browse the tree of packages](#)
- [View a flat list of all packages](#)
- [Submit package information](#) (note that you must [register to submit](#))

Last 20 updates:

Updated	Package	Description
2003-03-14	saprfc 0.01	SAP R/3 RFC language binding for Python
2003-03-14	Quixote 0.6b5	A highly Pythonic Web application framework
2003-03-14	pax 1.0alpha	The Pythonic API for XML
2003-03-13	scgi 1.0b1	A Python package for implementing SCGI servers.
2003-03-12	imgSeek 0.6.6	imgSeek photo collection manager and viewer with content-based query.
2003-03-12	PyDBC 0.2	Contracts for Python 2.2+
2003-03-12	TOM 0.1	Tiny Object Model for XML
2003-03-12	pyfuzzy 0.0.1	Python Fuzzy Utilities
2003-03-10	ScientificPython 2.4.3	Various Python modules for scientific computing
2003-03-10	MMTK 2.2	Molecular Modelling Toolkit
2003-03-10	PASP release candidate 3	Python Anti-Spam Proxy
2003-03-09	pynfo 0.6.2	IRC Info/Search/Relay bot
2003-03-09	albatross 1.01	Albatross is a toolkit for developing highly stateful web applications.
2003-03-09	SkunkWeb 3.4b2	a web application server
2003-03-07	pycrypto 1.9a5	Cryptographic modules for Python.
2003-03-07	PyDS 0.4.16	Python Desktop Server
2003-03-06	OpenTAL 0.3	An open replacement for Zope's TAL
2003-03-06	MySQL-python 0.9.2	Python interface to MySQL
2003-03-05	PyDS 0.4.15	Python Desktop Server
2003-03-05	PyGTK 1.99.15	Python bindings for GTK

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[Python Software Foundation](#)

AKA:
"PyPI"

@di_codes



@di_codes

AKA:
"The Cheeseshop"

@di_codes



Problem:

How can I specify
dependencies?

Solution:
setuptools

Problem:

Installing is too hard!

Solution:

easy_install

@di_codes

The Egg Distribution

@di_codes



Problem:
easy_install problems

Solution:

pyinstall

@di_codes

Problem:

"pyinstall" is too long

Solution:

pip

@di_codes

~~eggs~~

@di_codes

Problem:

Application dependencies?

Solution: requirements.txt

```
pip install -r requirements.txt
```

Problem:

Installing from PyPI is slow

Problem:

Trusting 3rd Party Domains

@di_codes

Solution:

PyPI begins hosting releases

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PEP 438 -- Transitioning to release-file hosting on PyPI

Python Software Foundation (US) | https://www.python.org/dev/peps/pep-0438/

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Python » Python Developer's Guide » PEP Index » PEP 438 -- Transitioning to release-file hosting on PyPI

PEP 438 -- Transitioning to release-file hosting on PyPI

PEP:	438
Title:	Transitioning to release-file hosting on PyPI
Author:	Holger Krekel <holger at merlinux.eu>, Carl Meyer <carl at oddbird.net>
BDFL-Delegate:	Richard Jones <richard at python.org>
Discussions-To:	distutils-sig at python.org
Status:	Superseded
Type:	Process
Created:	15-Mar-2013
Post-History:	19-May-2013
Superseded-By:	470
Resolution:	https://mail.python.org/pipermail/distutils-sig/2013-May/020773.html

Problem:

We need built distributions
(again)

Solution: The Wheel Distribution

@di_codes

PEP 427 -- The Wheel Binary P

Python Software Foundation (US) | https://www.python.org/dev/peps/pep-0427/

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Python » Python Developer's Guide » PEP Index » PEP 427 -- The Wheel Binary Package Format 1.0

PEP 427 -- The Wheel Binary Package Format 1.0

PEP:	427
Title:	The Wheel Binary Package Format 1.0
Author:	Daniel Holth <dholth at gmail.com>
BDFL-Delegate:	Nick Coghlan <ncoghlan at gmail.com>
Discussions-To:	< distutils-sig@python.org >
Status:	Final
Type:	Standards Track
Created:	20-Sep-2012
Post-History:	18-Oct-2012, 15-Feb-2013
Resolution:	https://mail.python.org/pipermail/python-dev/2013-February/124103.html

Roue de ris

30% de matière grasse

31.50€ la kg

Problem:

python setup.py upload
doesn't use HTTPS

Solution:

twine

@di_codes

KRIEGSGEFANGENENPOST

FOOD

LEBENSMITTEL

PACKETS

PÄCKCHEN

PRISONERS' PARCELS
BRITISH RED CROSS & ORDER OF ST. JOHN
WAR ORGANISATION

COMITÉ INTERNATIONAL CROIX ROUGE,
GENÈVE—TRANSIT,
SUISSE



@di_codes

Problem:

PyPI is showing it's age

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Python Package Index : Home

← → ⌂ i web.archive.org/web/20070812023755/http://pypi.python.org:80/pypi ... ⓘ ➤ ⌂

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Home

The Python Package Index is a repository of software for the Python programming language. There are currently **2644** packages here. You may:

- [Browse the tree of packages](#)
- [Submit package information](#) (note that you must [register to submit](#))

Last 30 updates:

Updated	Package	Description
2007-08-11	python-memcached 1.38	Memcached client library implemented in 100% Python.
2007-08-11	libprs500 0.3.94	Ebook management application.
2007-08-11	organdesigner 1.1.0	Graphical editor for GENPO organ description files
2007-08-11	nose 0.10.0b1	A unittest extension offering automatic test suite discovery and easy test authoring
2007-08-11	pymills 3.2.12-git1	James Mills Python Library
2007-08-11	dfo 25	Ajax mod_wsgi examples (FF2 IE7 W3C)
2007-08-11	python-musicbrainz2 0.5.0	An interface to the MusicBrainz XML web service
2007-08-11	PyFFI 0.3.4	A Python library for reading, writing, and processing binary files.
2007-08-11	Gallerize 0.1	Web image gallery generator
2007-08-11	wsgistraw 0.1	Decorators for WSGI without start_response and write
2007-08-10	Trellis 0.5b1	A simple "untwisted" approach to event-driven programming
2007-08-10	pefile 1.2.6	Python PE parsing module
2007-08-10	dopt 0.1	Add options to doctest examples while they are running
2007-08-10	pyLatinam 0.0.5.2	Declension, conjugation, analysis and more - Latin language.
2007-08-10	leo 4.4.4-beta-1	Leo: Literate Editor with Outlines
2007-08-10	athenaCL 1.4.6	modular, polyphonic, poly-paradigm algorithmic music composition in a cross-platform interactive command-line environment.
2007-08-10	Proctor 1.3.2	Proctor Test Runner
2007-08-10	shrubbery 0.3.3	Simple and smart template engine to generate HTML/XML
2007-08-10	gocept.nginx 0.9dev-r5073	zc.buildout recipe for configuring an nginx server
2007-08-10	WSGIRewrite 0.1.3	Path rewriter WSGI middleware with mod_rewrite compatible rules
2007-08-10	ckan 0.4	Comprehensive Knowledge Archive Network Software
2007-08-10	PyMTP 0.0.2	LibMTP bindings in Python

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PyPI - the Python Package Index : P X

← → ⌂ i web.archive.org/web/20180415050937/https://pypi.python.org/pypi

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PyPI - the Python Package Index

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Get Packages

To use a package from this index either "`pip install package`" ([get pip](#)) or download, unpack and "`python setup.py install`" it.

Package Authors

Submit packages with "`python setup.py upload`". You can also use `twine!` The index [hosts package docs](#). You must [register](#). Testing? Use [testpypi](#).

Infrastructure

To interoperate with the index use the [JSON](#), [XML-RPC](#) or [HTTP](#) interfaces. Use [local mirroring](#) or [caching](#) to make installation more robust.

Updated	Package	Description
2018-04-15	tf-nightly 1.8.0.dev20180414	TensorFlow helps the tensors flow
2018-04-15	pycassos 0.0.1	Digital Caviar Solutions software suite
2018-04-15	pyHIBP 2.0.2	An interface to Troy Hunt's 'Have I Been Pwned' public API
2018-04-15	pip-tools 2.0.0	pip-tools keeps your pinned dependencies fresh.
2018-04-15	ocflib 2018.4.14.21.46	libraries for account and server management
2018-04-15	chana 0.9	A library of NLP tools for the shipibo-konibo language
2018-04-15	aquests 0.7.16.5	Asynchronous Multiplexing HTTP2/DBO Requests
2018-04-15	nn1 18.4.15.1	Neural Network Application Programming Interface
2018-04-15	chem_gm 18.4.15.1	Graph Machine Application Programming Interface
2018-04-15	monal 18.4.15.1	Python Neural Network Engine
2018-04-15	nntoolbox 18.4.15.1	Basic toolbox
2018-04-15	python-taint 0.30	Find security vulnerabilities in Python web applications using static analysis.
2018-04-15	odo09-addon-donation-base 9.0.1.0.0.99.dev20	Base module for donations
2018-04-15	odo09-addon-donation 9.0.1.0.0.99.dev20	Manage donations

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2007-08-10	WSGIRewrite 0.1.3	Path rewriter WSGI middleware with mod_rewrite compatible rules
2007-08-10	ckan 0.4	Comprehensive Knowledge Archive Network Software
2007-08-10	PyMTP 0.0.2	LibMTP bindings in Python
2007-08-10	pyliblo 0.6.3	A Python wrapper for the liblo OSC library
2007-08-09	plone.recipe.varnish 1.0dev-r46991	Buildout recipe to install varnish
2007-08-09	Cobbler 0.6.0-1	Provisioning control application & library for PXE, Virtualization, and Re-Provisioning
2007-08-09	wsgi_fileserver 0.2.3	WSGI fileserver application
2007-08-09	zc.recipe.cmmi 1.1.0	ZC Buildout recipe for configure/make/make install
2007-08-09	comtypes 0.3.2	Pure Python COM package, based on the ctypes package
2007-08-09	Products.statusmessages 3.0	statusmessages provides an easy way of handling internationalized status messages managed via an BrowserRequest adapter storing status messages in client-side cookies. It requires Zope >= 2.10.
2007-08-09	Products.PloneLanguageTool 2.0	PloneLanguageTool allows you to set the available languages in your Plone site, select various fallback mechanisms, and control the use of flags for language selection and translations.

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Get Packages

To use a package from this index either "`pip install package`" ([get pip](#)) or download, unpack and "`python setup.py install`" it.

Package Authors

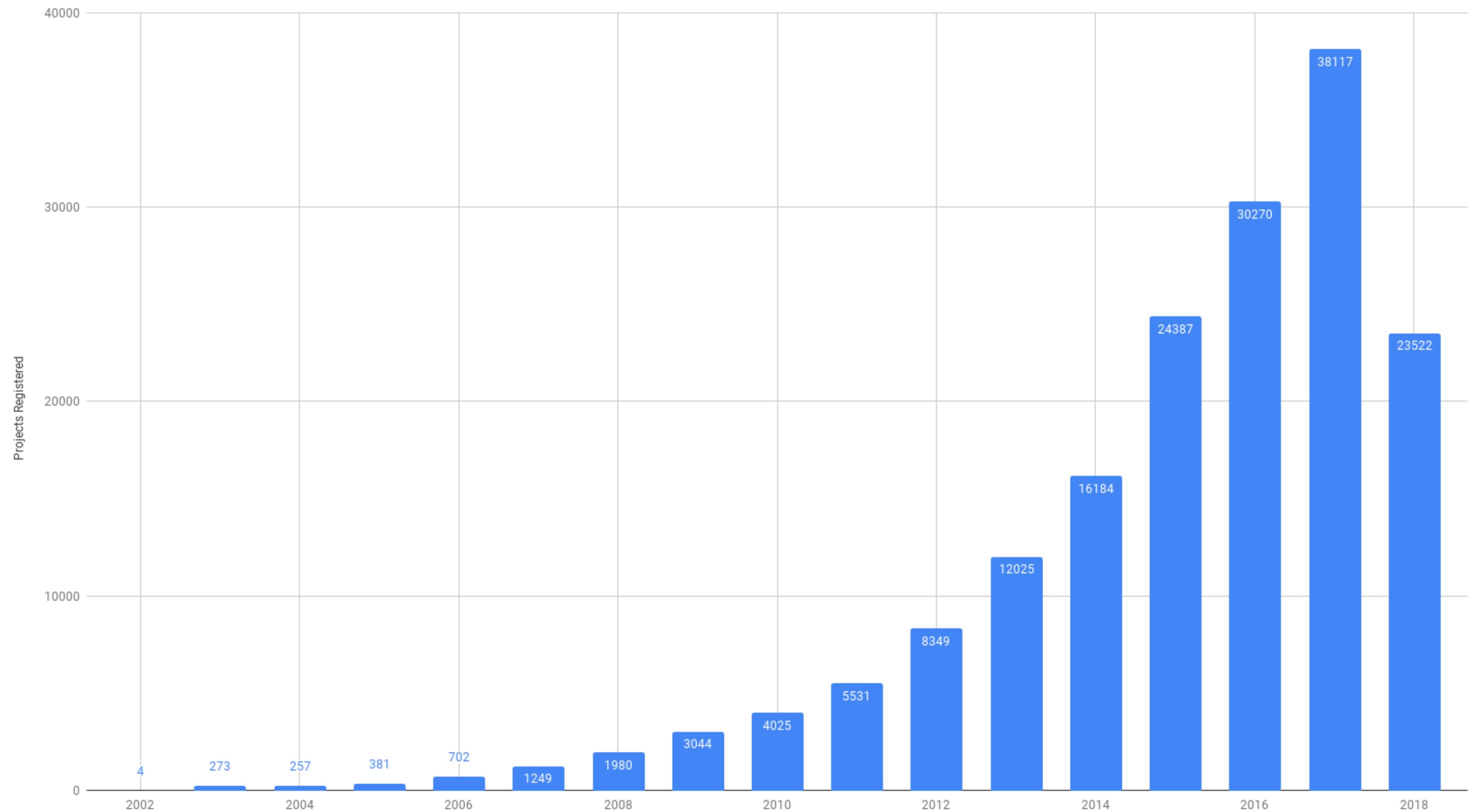
Submit packages with "`python setup.py upload`". You can also use [twine!](#) The index hosts package [docs](#). You must [register](#). Testing? Use [testpypi](#).

Infrastructure

To interoperate with the index use the [JSON](#), [XML-RPC](#) or [HTTP](#) interfaces. Use [local mirroring](#) or [caching](#) to make installation more robust.

Updated	Package	Description
2018-04-15	tf-nightly 1.8.0.dev20180414	TensorFlow helps the tensors flow
2018-04-15	pycassos 0.0.1	Digital Caviar Solutions software suite
2018-04-15	pyHIBP 2.0.2	An interface to Troy Hunt's 'Have I Been Pwned' public API
2018-04-15	pip-tools 2.0.0	pip-tools keeps your pinned dependencies fresh.
2018-04-15	ocflib 2018.4.14.21.46	libraries for account and server management
2018-04-15	chana 0.9	A library of NLP tools for the shipibo-konibo language
2018-04-15	aquests 0.7.16.5	Asynchronous Multiplexing HTTP2/DBO Requests
2018-04-15	nn1 18.4.15.1	Neural Network Application Programming Interface
2018-04-15	chem_gm 18.4.15.1	Graph Machine Application Programming Interface
2018-04-15	monal 18.4.15.1	Python Neural Network Engine
2018-04-15	nntoolbox 18.4.15.1	Basic toolbox
2018-04-15	python-taint 0.30	Find security vulnerabilities in Python web applications using static analysis.
2018-04-15	odo09-addon-donation-base 9.0.1.0.0.99.dev20	Base module for donations
2018-04-15	odo09-addon-donation 9.0.1.0.0.99.dev20	Manage donations
2018-04-15	odo09-addon-document-page-approval 9.0.2.0.0.99.dev1	Document Page Approval
2018-04-15	odo09-addon-document-page 9.0.2.0.0.99.dev1	Document Page
2018-04-15	odo09-addon-account-payment-mode 9.0.1.0.1	Account Payment Mode
2018-04-15	odo09-addon-account-banking-sepa-direct-debit 9.0.1.0.0.99.dev51	Create SEPA files for Direct Debit
2018-04-15	odo09-addon-account-banking-sepa-credit-transfer 9.0.1.0.0.99.dev37	Create SEPA XML files for Credit Transfers
2018-04-15	odo08-addon-resource-calendar-rule 8.0.1.0.0.99.dev7	Use flexible repetition rules to define your employees' or machines' availability
2018-04-15	odo08-addon-l10n-it-ddt 8.0.1.0.1.99.dev1	Documento di Trasporto
2018-04-15	odo08-addon-document-page-approval 8.0.1.0.0.99.dev20	Document Page Approval
2018-04-15	odo08-addon-document-page 8.0.1.0.2.99.dev28	Document Page

PyPI Projects Registered per Year



Solution:

Rewrite PyPI from scratch

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PyPI – the Python Package Index

Python Software Foundation (US) | https://pypi.org

Help Donate Log in Register

Find, install and publish Python packages with the Python Package Index

Search projects

Or [browse projects](#)

138,523 projects 966,289 releases 1,290,058 files 277,046 users

The Python Package Index (PyPI) is a repository of software for the Python programming language.
PyPI helps you find and install software developed and shared by the Python community. [Learn about installing packages.](#)
Package authors use PyPI to distribute their software. [Learn how to package your Python code for PyPI.](#)

AKA:

Warehouse

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MOSS Q4: Supporting the Python Ecosystem

https://blog.mozilla.org/blog/2018/01/23/moss-q4-supporting-python-ecosystem/

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> Explore Categories

GENERAL MOSS

Twitter

MOSS Q4: Supporting the Python Ecosystem

Gervase Markham | January 23, 2018

Mozilla was born out of, and remains a part of, the open source and free software movement. Through the Mozilla Open Source Support (MOSS) program, we recognize, celebrate, and support open source projects that contribute to our work and to the health of the Internet. That's why in 2017 we invested \$1,650,000 in supporting open source projects around the globe. Half a million of which we dispersed just since our last update in [October](#).

One of the early MOSS recipients was [Buildbot](#), a Python-based continuous integration server. We interviewed Bill Deegan, a lead developer, about his experience with the MOSS program.

BuildBot MOSS Award

The End

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Current Problems

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Problem:

Packaging is still kinda hard

Solution: The Python Packaging Guide

<https://packaging.python.org>

Solution:

sampleproject

<https://github.com/pypa/sampleproject>

Solution:
General care & maintenance

Problem:

Packaging is a little too easy

Python Packaging

So Easy a Spammer Could Do It

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Problem:

Sometimes I need more than
Python (sometimes I don't
even have it)

Solution:

conda

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Problem: Reproducible Environments

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Solution:

pipfile/pipfile.lock

<https://github.com/pypa/pipfile>

Problem:

Arbitrary code in setup.py

di Why PyPI Doesn't Know Your Pr X

← → ⌂ ⌂ https://di.codes/articles/2018/03/05/why-pypi-doesnt-know-dependencies ⌂ ⌂ ⌂

Dustin Ingram

[Writing](#) — [Speaking](#) — [Github](#)

Why PyPI Doesn't Know Your Projects Dependencies

March 05 2018

The Problem

One of the questions that I see come up relatively often within the Python Packaging ecosystem is related to dependencies. It often takes many forms:

- | How can I produce a dependency graph for Python packages?
- | Why doesn't PyPI show a project's dependencies on it's project page?
- | How can I get a project's dependencies without downloading the package?
- | Can I search PyPI and filter out projects that have a certain dependency?

Problem:

The distutils/setuptools dance

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Solution:

PEP 517/518

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PEP 517 -- A build-system independent format for source trees

Python Software Foundation (US) | https://www.python.org/dev/peps/pep-0517/

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PEP 517 -- A build-system independent format for source trees

PEP:	517
Title:	A build-system independent format for source trees
Author:	Nathaniel J. Smith <njs at pobox.com>, Thomas Kluyver <thomas at kluyver.me.uk>
BDFL-Delegate:	Nick Coghlan <ncoghlan at gmail.com>
Discussions-To:	<distutils-sig@python.org>
Status:	Accepted
Type:	Standards Track
Created:	30-Sep-2015
Post-History:	1 Oct 2015, 25 Oct 2015, 19 May 2017, 11 Sep 2017
Resolution:	https://mail.python.org/pipermail/distutils-sig/2017-September/031548.html

Contents

PEP 518 -- Specifying Minimum Build System Requirements for Python Projects

Python Software Foundation (US) | https://www.python.org/dev/peps/pep-0518/

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Python »» Python Developer's Guide »» PEP Index »» PEP 518 -- Specifying Minimum Build System Requirements for Python Projects

PEP 518 -- Specifying Minimum Build System Requirements for Python Projects

PEP:	518
Title:	Specifying Minimum Build System Requirements for Python Projects
Author:	Brett Cannon <brett at python.org>, Nathaniel Smith <njs at pobox.com>, Donald Stufft <donald at stufft.io>
BDFL-Delegate:	Nick Coghlan
Discussions-To:	distutils-sig <distutils-sig at python.org>
Status:	Accepted
Type:	Informational
Created:	10-May-2016
Post-History:	10-May-2016, 11-May-2016, 13-May-2016
Resolution:	https://mail.python.org/pipermail/distutils-sig/2016-May/028969.html

pyproject.toml

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How to help

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Issues · pypa/warehouse

GitHub, Inc. (US) | https://github.com/pypa/warehouse/issues?q=is%3Aissue+is%3Aopen+label%3A"good+first+issue"

This repository is:issue is:open label:"good first issue" Pull requests Issues Marketplace Explore

pypa / warehouse Unwatch 86 Unstar 1,740 Fork 349

Code Issues 206 Pull requests 27 Projects 0 Insights Settings

Filters is:issue is:open label:"good first issue" Labels Milestones New issue

Clear current search query, filters, and sorts

11 Open 96 Closed Author Labels Projects Milestones Assignee Sort

① Accessibility audit: change footer headings from h3s to h2s accessibility good first issue #3922 opened 3 days ago by nlhkabu

① Add rel="noopener" guidance to developer docs developer experience documentation feature request good first issue help needed #3877 opened 9 days ago by brainwane 1

① Audit SCSS comments CSS/SCSS documentation good first issue #3838 opened 15 days ago by nlhkabu

① add explanation of file download link structure to docs APIs/feeds HTML documentation feature request good first issue help needed #3754 opened 23 days ago by brainwane

① Merge 'statistics' and 'GitHub Statistics' CSS/SCSS HTML UX/UI good first issue #3557 opened on Apr 5 by nlhkabu Cool but not ur...

① ie11: tooltip underlined CSS/SCSS bug cross browser bug good first issue #3515 opened on Apr 2 by nlhkabu 6. Post Legacy ...

① Audit copywriting against styleguide good first issue help needed usability #3167 opened on Mar 7 by nlhkabu 6. Post Legacy ... 6

① Collaborators form: Change default selection to 'maintainer' Post launch - high priority UX/UI #3054 good first issue help needed #3054 opened on Mar 7 by nlhkabu 6. Post Legacy ... 4

Packaging BoF!

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How to get help

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How to get help

- <https://packaging.python.org>
- Issue tracker for a given tool
- On IRC: #pypa Freenode channel
- <https://github.com/pypa/packaging-problems>

Summary

@di_codes

Thanks!

- Github: [@di](#)
- Twitter: [@di_codes](#)
- Email: di@python.org

[@di_codes](#)