

(1)

F917-119

Khushali Patoliya

PAGE NO

DATE

PEP Index of python enhancement Proposals (PEPs)

* Introduction

This PEP contains the index of all python Enhancement Proposals, known as PEPs. PEP numbers are assigned by the PEP editors and once assigned are never changed. The version control history of the PEP texts supersede their historical record.

→ Index by category

Meta-PEPs (PEPs about PEPs or PEPs)

PEP	PEP title	PEP Author(s)
1	PEP purpose & Guidelines	Goodger, Hython
4	Deprecation of standard models	Cannon, Lewis
5	Guidelines for language evolution	periscod
6	Py Fix Releases	Aahz, Baxter
7	Style guide for C code	GVP, Warsaw
8	Style guide for Python code	.
10	Voting guidelines	Warsaw
11	Removing support for little used platform for ms	Von Louis, Cannon

(2)

FYIT-119

PAGE NO.

DATE

12	Sample structured Text PEP Template	Croodger, cannon
381	Backwards compalibility policy	Peterson
609	PyPA Convergence	Ingram Harisharshwar

→ Other Informational PEPs.

13	Python language Convergence	Community
20	The Zen of python	Peters
101	Doing python Releases 101	Warsaw, GVR
247	API for cryptographic hash functions	Kuchling
248	Python Database API V1.0	Lumburg
249	Python Database API V2.0	Lumburg
257	Docstring conventions	Croodger, GVR
272	API for public encryption Algorithms V1.0	Kuchling
287	structured Text Documenting Format	Croodger
290	Code migration and modernisation	Kuchling
291	Backward compalibility for the python 2 standard	Normwitz
333	Python Webserver Gateway Interface V1.0	Eby
394	The 'python' command on Unix-like systems	Staley, coghal
404	Python 2.8 can-release schedule	Warsaw
399	Pure python /i Accelerates module compalibility	Cannon

(3)

PYIT-119

PAGE NO

DATE

411	Provisional packages in the python standard library	Coghlan Bendersky
430	migrating to python 3 as the default engine	Coghlan
434	PDE Enhancement Exception for All Branches	Rovito, Reddy
440	version identification and dependency	Coghlan Stufft
452	API for cryptographic Hash function V2.0	Kuchling
457	Notation for position only parameters	Hastings
478	Python 3.5 release schedule	Hastings
482	Literature overview of type hints	GVR.
503	Simple Repository API	stufft
508	Dependency specification for python software packages	Collins
514	Python registration in the windows registry	Dowse
537	Python 3.7 Release Schedule	Detty
569	Refactoring (Functions & methods)	Demeyer
596	Python 3.9 Release schedule	Langa
569	Python 3.8 Release schedule	Langa
600	Future many linux platform Tags for portable linux	Smith Klugner

(4)

PAGE NO

DATE :

600	Future Many Linux platform	Smith, Klyner
602	Annual Release cycle for Python	Langa
607	Reducing CPython's feature Delivery latency	Langa, Dower
627	Recording installed projects	Viktorin
630	Isolating Extension modules	Viktorin
635	Structural pattern matching motivation and Rationale	Kohn, LVR
636	Structural pattern matching tutorial	moiseset
656	Platform tag for Linux Distributions Using MUSL	chung
672	Unicode-related security considerations for python	Viktorin
3333	Python webserver Gateway Interface V1.0.1	Eby
8000	Python language convergence proposal overview	Warsaw
8002	Open source convergence proposal overview 2	Smith, Stuft
8016	Testing council model	Smith, Stuft
8100	January 2019 steering council	Smith II
8101	2020 Term steering council election	Jodlowsha, II
8102	2021 Term steering council election	Jodlowsha, II

(5)

Pg 11-12

PAGE NO

DATE

8103 2022 Terms steering council
electionJodlowshq, W
Casey
GVR, Langa

484 Type Hints

→ Accepted PEPs.

458 Secure PyPI downloads with
sign repository metadataKuppasamy,
Diaz, Moore
Lock, DeLong
Cappos.544 Protocols: structural subtyping
static ducktypingLeukivskyi,
Langa560 Core support for Typing
module & generic Types

Leukivskyi

561 Disturbing & packaging
type information

Smith

563 Postponed Evaluation of
an notations

Langa

570 Python positional only
parametersGalinda
Hastings.

572 Assignment Expressions

Angelico
Peterson, GVR

578 Python Runtime Audit tools

Dower

585 Type hinting generics in standard
collections

Langa

586 Type hinting literal types

Lee, Lehtosalo

589 Type Dict. type hints for
dictionaries with a fixed

Lehtosalo

(6)

FYIT-119

PAGE NO.

DATE:

590	notes call a fast calling protocol for Python	Shannon
591	Adding a final qualifier to typing	Demeyer Sullivan Lukivskyy
593	Flexible functions and variable annotations	vaugaux.
604	Allow writing union types as x/y.	Parades. Moss,
612	Parameter specification more variables	Mendoza
613	Explicit type Aliases	Zhu
615	Support for IANA Time Zone Databases	Gassle
616	String method for prefixes and suffixes	Sweeney.
617	New PEG passes for Python	Galindo
623	Remove from unicode	natki
631	Depending specification in python toml based on	Lev.
632	Deprecate distutils module	Donner
634	Structural pattern matching specification	Bucher GUR
646	Variable generics	Mendoza
647	User Defined type guards	Traut
654	Exception groups & except	Katriel GUR.
658	Some distribution metadata in the simple	chung

660	Editable installs for py projects	Hothh,
	• toml based builds	Srinivasa
673	self type	Srinivasa
3121	extension module	
	initialization and finalization	von Louis
→ Open PEPs (under consideration)		
467	minor API improvements for binary	Coghlan Fluhman
480	Swimming a compromise of PyPI : end to end signing	Kuppusamy Cappos moon
554	Multiple interpreters in the stdlib	Snow
558	Defined semantics for locals()	coghlan
582	Python local packages directory	Das, pencey
588	GitHub issues migration plan	maristla
594	Removing dead batteries from the standard library	Hemus, Cannon
603	Adding a frozen map type to collection	Selvarao
619	Python 3.10 Release Schedule	Salgado
620	Hide implementation details from the C API	stinner
625	File name of a source distribution	chung, moore
638	syntactic macros	Shannon
639	Improving licence clarity with Better packaging meta	Gerlach

642	Explicit pattern syntax for structural pattern matching	Coghlan
645	Allow writing optional types	Moss
649	Deferred Evaluation of Annotations using descriptions	Hastings
655	Marking individual typed dict item as required or	Shannon
661	sentinel values	Eivatz
664	python 3.11 Release schedule	Salgado
667	consistent views of namespace	Shannon
668	Graceful cooperation between external and python	Thomas Klose
669	low impacting monitoring CPython	Shannon
670	convert macros to functions in the Python C API	Asland Stinner
671	Syntax for late bound function argument defaults	Angelico
674	Disallow using Macros as L-values	Stinner
675	Arbitrary + literal string ' type	Srinivasan
676	PEP infrastructure process	Tuner
678	Enriching exceptions with notes	Hartfield
679	allow parenthesis assist statements	Salgado

680	tomllibi support for passing TOML in the standard	Hutkinen
681	Data class Transforms	Belmonte
682	Format specifiers for foreign	Traud
683	Immortal Zero	Belmonte
801	Reserves	warsaw
100	Python unicode integration	Lembury
201	Lockstep Iteration	Warsaw
202	List comprehensions	Warsaw
203	Augmented Assignments	Wouters
205	weak References	Drake
207	Rich comparisons	GURAScher
208	Reworking the coercion model	Schemmanner
		Lemberg
214	Extended print statement	Warsaw
217	Display Hook of interactive use	ZadKa
218	Adding a Built-Inset object	Helfinger
	Type	Wilson
221	Import As	Wouters
223	Change the meaning of escapes	Wouters
227	Statically Nested scopes	peters
229	Using builtins to Build	Hylton
8	python	Kuchling