



Python 3.5.0

What's New!

Richard E Sarkis
Rochester's Python User Group
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Major new features of the 3.5 series, compared to 3.4

- [PEP 441](#), improved Python zip application support
- [PEP 448](#), additional unpacking generalizations
- [PEP 461](#), "%-formatting" for bytes and bytearray objects
- [PEP 465](#), a new operator (@) for matrix multiplication
- [PEP 471](#), `os.scandir()`, a fast new directory traversal function
- [PEP 475](#), adding support for automatic retries of interrupted system calls

Major new features of the 3.5 series, compared to 3.4

- [PEP 479](#), change StopIteration handling inside generators
- [PEP 484](#), the typing module, a new standard for type annotations
- [PEP 485](#), `math.isclose()`, a function for testing approximate equality
- [PEP 486](#), making the Windows Python launcher aware of virtual environments
- [PEP 488](#), eliminating .pyo files
- [PEP 489](#), a new and improved mechanism for loading extension modules

Major new features of the 3.5 series, compared to 3.4

- [PEP 492](#), coroutines with async and await syntax
- [What's New In Python 3.5](#)
- [Release Notes](#)