**PIP**

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**Introduction**

pip is a recursive acronym that stands for Pip installs Packages. It is a package management system for installing and managing Python software packages. It is an open source software by the Python Packaging Authority (PyPA) and was initially released on 4th April, 2011. The most recent stable release was on 6th November, 2016.

pip is the defacto package manager for software packages developed with Python and ships with most Python distributions. As such its user base is almost as large as the entire Python community of developers. It is notable for the ease of its command-line interface, which simplifies the installation and uninstallation of Python software packages.

**Stakeholders**

* **Acquirers**: The Python Packaging Authority is the acquirer of pip.
* **Assessors:** The Python Packaging Authority is responsible for assessing and approving contributions from pip contributors to the source code.
* **Communicators**: The communicators maintain communication with other stakeholders. They analyze and make documentation of the system. The Python Packaging Authority (PyPA) is the communicators of pip.
* **Developers**: PyPA developers and other contributors from Python Developers community.
* **Maintainers**: pip is based on core developers from PyPA and other contributors from Python Developers community. When the system is operational the PyPA takes care of it.
* **Production Engineers:** Production engineers are the core developers.
* **Suppliers:** PIP works on different operating system such as Unix/Linux, macOS, and Windows. These stakeholders supply appropriate software and hardware in which the system runs.
* **Support Staff:** The Python Packaging Authority (PyPA) is a working groupthat supports many of the relevant projects in Python packaging. Besides this support staff for pip also consist of github and bitbucket staff and many other volunteers also.
* **System Administrators:** Python organisation is responsible for the system administration.
* **Testers:** The pip development team is responsible for testing the software to ensure that it meets the requirements.
* **Users:** Python developers