DEVELOPING WITH PYTHON ON FEDORA

Fedora is a secure, stable, and powerful Linux-based operating system that provides the latest free and open source software within a flexible and manageable environment for developers. We strive to:

- Be on the leading edge of free and open source technology by adopting and helping to develop new features and versions

- Establish and implement technical standards for packages, ensuring the quality and consistency of the operating system

- Promote rapid adoption of new releases by allowing for easy upgrades with minimal disturbances to existing configurations

GET FEDORA:
http://get.fedoraproject.org

WHY FEDORA FOR PYTHON DEVELOPMENT

Fedora provides a robust Python development platform out of the box, composed of thousands of managed and updated Python packages including:

- Python 2.x and Python 3.x runtimes (at the same time!)

- jython: Python 2.x in Java

- pypy: Python 2.x written in python & compiled to native code

- pyrasite: Code injection and monitoring of running Python processes

- winpdb: A very fast threaded Python debugger

- ScientificPython: A module collection for scientific computing

- python-ipython: Enhanced, interactive Python shell

- google-appengine-python: The Python Google AppEngine SDK

- GitPython (interact with git)

FEDORA LOVES PYTHON

Everything in the infrastructure that powers Fedora is free software, and most of what we use is Python based.

- **Fedora Account System**
  admin.fedoraproject.org/accounts
- **Fedora Package**
  apps.fedoraproject.org/packages
- **Bodhi (update processing)**
  admin.fedoraproject.org/updates
- **Koji (build system)**
  koji.fedoraproject.org
- **Trac (issue and code tracking)**
  trac.edgewall.org
- **Mirrormanager**
  mirrors.fedoraproject.org
- **Pkgdb (package ownership)**
  admin.fedoraproject.org/pkgdb
- **Fedmsg (0MQ message queueing)**
  www.fedmsg.com
- **Fedora Elections**
  admin.fedoraproject.org/voting
- **Ansible (manage all the nodes!)**
  ansible.cc
- **Django, TurboGears (1 and 2), Flask, Pyramid, CherryPy**
- **Moksha**
  fedorahosted.org/moksha
- **Hyperkitty (mailman & web forum)**
  mm3.fedoraproject.org/hyperkitty
- **OpenStack (Snakes in clouds?!)**
  www.openstack.org