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 LOVES PYTHON

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
- pyrsite: 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 queuing)
  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