

Third-party Python packages for extlibs distribution (python 2.5.1-gl1)

package	version	usage	comments	Installation Status	Platform(s)
Tcl/tk	8.4	ModelEditor, ObsSim	The developer version needs to be installed to get the header files that are required to build Tkinter	Installed	rh9_gcc32, rhel4_gcc34, redhat4-i686-32bit, windows, tiger-i386-32bit, redhat4-x86_64-64bit
Tkinter	(shipped with Python)	ModelEditor, ObsSim	May need to specify explicitly to build this when installing Python	Installed	rh9_gcc32, rhel4_gcc34, redhat4-i686-32bit, windows, tiger-i386-32bit, redhat4-x86_64-64bit
Pmw	1.3	ModelEditor		On hold	
numpy (or numarray)	1.2.0 (numpy)	pyLikelihood		Installed	rh9_gcc32, rhel4_gcc34, redhat4-i686-32bit, windows, tiger-i386-32bit (python 2.5.1-gl1), redhat4-x86_64-64bit
pyfits	1.3	ASP		Installed	rh9_gcc32, rhel4_gcc34, redhat4-i686-32bit, windows, tiger-i386-32bit (python 2.5.1-gl1), redhat4-x86_64-64bit
pyROOT	5.14.00g	pyLikelihood	For Windows, we need to copy PyROOT.dll to PyROOT.pyd	On hold	
4Suite-XML	1.0.2	calibGenCAL		Installed	rh9_gcc32, rhel4_gcc34, redhat4-i686-32bit, windows, tiger-i386-32bit (python 2.5.1-gl1), redhat4-x86_64-64bit
ipython	0.9.1 (I think)	sunny-side eggs	much better CL than the python native one, plus now interactive parallel computing available	Installed	rh9_gcc32, rhel4_gcc34, redhat4-i686-32bit, tiger-i386-32bit (python 2.5.1-gl1), redhat4-x86_64-64bit
matplotlib	0.98.3	err... doing science?	We distribute FITS file right? Well, ROOT is essentially USELESS for them. They also integrate to NUMPY very nicely.	Installed	rh9_gcc32
scipy	0.6			Installed	rh9_gcc32

Documentation for how to install the above, installed, libraries can be found here <http://confluence.slac.stanford.edu/display/SAS/Documentation+for+Installing+External+Libraries>

* **Note:** Python 2.5.1 has been rebuilt against Tcl/tk 8.4, which we decided to denote as **2.5.1-gl1** to distinguish it from the original python 2.5.1 installed in rh9_gcc32. The remaining packages, listed above, have been built against this customized enhancement of 2.5.1, named **2.5.1-gl1**. **Python 2.5.1-gl1 locations:**

Linux/Mac

(Rhel3) /afs/slac/g/glast/ground/GLAST_EXT/rh9_gcc32/python/2.5.1-gl1

(Rhel4) /afs/slac/g/glast/ground/GLAST_EXT/rhel4_gcc34/python/2.5.1-gl1

(Rhel4) /afs/slac/g/glast/ground/GLAST_EXT/redhat4-i686-32bit/python/2.5.1-gl1

Windows

V:\Glast_Software\Toaster\GLAST_EXT\Windows-i386-32bit\python\2.5.1-gl1\vc71