## RFC-215/RFC-229 Python Test File Naming & Nonexecutable Migration

This page tracks the implementation status of RFC-215 and RFC-229, which cover unit testing conventions in Python. As you work on a package, you can claim it in the table below. Once the package has been migrated on master, you can check it off. If your package isn't listed here, please add it to the table.

▲ RFC-215 - Jira project doesn't exist or you don't have permission to view it.

This RFC states that Python unit test modules should not be executable (i.e. "./test\_mymodule.py" shouldn't run, but of course "python test\_mymodule.py" should run). To implement this RFC:

- 1. Remove the executable flag from Python test modules (e.g., "chmod -x ...").
- 2. Remove the hash-bang line from Python test modules.

▲ RFC-229 - Jira project doesn't exist or you don't have permission to view it.

This RFC states that Python unit test modules should be named with a "test\_" prefix to enable automatic discovery by pytest. For example, "tests /testMyModule.py" should be renamed to "tests/test\_myModule.py."

This is documented in the Python Unit Testing guide.

## Status

Status	Package	Developer	Ticket	
	afw	Krzysztof Findeisen	M DM-4639 - Jira project doesn't exist or you don't have permission to view it.	(remove hash-bang)
			M DM-10542 - Jira project doesn't exist or you don't have permission to view it.	(other changes)
	base	Tim Jenness	M DM-11514 - Jira project doesn't exist or you don't have permission to view it.	
<b>~</b>	ci_hsc		No tests present	

coadd_chisquared	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
coadd_utils	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
ctrl_execute	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
ctrl_orca	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
ctrl_pool		No tests present
ctrl_provenance	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
ctrl_stats	Krzysztof Findeisen	DM-11585 - Jira project doesn't exist or you don't have permission to view it.
daf_base	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
daf_fmt_mysql		No tests present
daf_ingest	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.

daf_persistence	Unknown User (npease)	M DM-10972 - Jira project doesn't exist or you don't have permission to view it.
display_ds9		No tests present
display_firefly		No tests present
geom	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
ip_diffim	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
ip_isr	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
jointcal		(already conforming)
log	Andy Salnikov	M DM-10871 - Jira project doesn't exist or you don't have permission to view it.
meas_algorithms	Russell Owen	DM-5922
meas_astrom	Russell Owen	DM-5922
meas_base	Tim Jenness	M DM-11514 - Jira project doesn't exist or you don't have permission to view it.
meas_deblender	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
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Image: Section of the section of t	~	obs_decam	Russell Owen	DM-5922
		obs_file		No tests present
		obs_lsstSim		DM-5922

obs_monocam		No tests present
obs_sdss	Russell Owen	DM-5922
obs_subaru	Russell Owen	DM-5922
obs_test	Russell Owen	DM-5922
pex_config		
pex_exceptions	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
pex_logging	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
pipe_base	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
pipe_drivers		No tests present
pipe_supertasks	Andy Salnikov	M DM-10592 - Jira project doesn't exist or you don't have permission to view it.
pipe_tasks	Russell Owen	DM-5922
sconsUtils		
shapelet	Tim Jenness	M DM-7615 - Jira project doesn't exist or you don't have permission to view it.

	skymap	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
	sphgeom	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
	utils	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
	validate_drp	Krzysztof Findeisen	M DM-11585 - Jira project doesn't exist or you don't have permission to view it.
~	verify	Jonathan Sick	