

RFC-215/RFC-229 Python Test File Naming & Non-executable 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	 DM-4639 - Jira project doesn't exist or you don't have permission to view it. (remove hash-bang)  DM-10542 - Jira project doesn't exist or you don't have permission to view it. (other changes)
☐	base	Tim Jenness	 DM-11514 - Jira project doesn't exist or you don't have permission to view it.
☒	ci_hsc		No tests present

✓	coadd_chisquared	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
✓	coadd_utils	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
✓	ctrl_execute	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
✓	ctrl_orca	Krzysztof Findeisen	 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	 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	 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	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.

☒	daf_persistence	Unknown User (npease)	 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	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	ip_diffim	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	ip_isr	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	jointcal		(already conforming)
☒	log	Andy Salnikov	 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	 DM-11514 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_deblender	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.

☒	meas_extensions_astrometryNet	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_extensions_convolved	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_extensions_ngmix	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_extensions_photometryKron	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_extensions_simpleShape	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_modelfit	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	meas_moaic	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☐	obs_base	Russell Owen	DM-5922
☒	obs_cfht	Russell Owen	DM-5922
☒	obs_decam	Russell Owen	DM-5922
☒	obs_file		No tests present
☒	obs_lsstSim	Russell Owen	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	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	pex_logging	Krzysztof Findeisen	 DM-11585 - Jira project doesn't exist or you don't have permission to view it.
☒	pipe_base	Krzysztof Findeisen	 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	 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	 DM-7615 - Jira project doesn't exist or you don't have permission to view it.

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