

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
<input checked="" type="checkbox"/>	afw	Krzysztof Findeisen	<div><div> DM-4639 - Jira project doesn't exist or you don't have permission to view it.</div><div>(remove hash-bang)</div></div> <div><div> DM-10542 - Jira project doesn't exist or you don't have permission to view it.</div><div>(other changes)</div></div>
<input type="checkbox"/>	base	Tim Jenness	<div><div> DM-11514 - Jira project doesn't exist or you don't have permission to view it.</div></div>
<input checked="" type="checkbox"/>	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.

<input checked="" type="checkbox"/>	daf_persistence	Unknown User (npease)	<div>  DM-10972 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	display_ds9		No tests present
<input checked="" type="checkbox"/>	display_firefly		No tests present
<input checked="" type="checkbox"/>	geom	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	ip_diffim	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	ip_isr	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	jointcal		(already conforming)
<input checked="" type="checkbox"/>	log	Andy Salnikov	<div>  DM-10871 - Jira project doesn't exist or you don't have permission to view it. </div>
<input type="checkbox"/>	meas_algorithms	Russell Owen	DM-5922
<input checked="" type="checkbox"/>	meas_astrom	Russell Owen	DM-5922
<input checked="" type="checkbox"/>	meas_base	Tim Jenness	<div>  DM-11514 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_deblender	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>

<input checked="" type="checkbox"/>	meas_extensions_astrometryNet	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_extensions_convolved	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_extensions_ngmix	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_extensions_photometryKron	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_extensions_simpleShape	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_modelfit	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	meas_moaic	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input type="checkbox"/>	obs_base	Russell Owen	DM-5922
<input checked="" type="checkbox"/>	obs_cfht	Russell Owen	DM-5922
<input checked="" type="checkbox"/>	obs_decam	Russell Owen	DM-5922
<input checked="" type="checkbox"/>	obs_file		No tests present
<input checked="" type="checkbox"/>	obs_lsstSim	Russell Owen	DM-5922

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

<input checked="" type="checkbox"/>	skymap	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	sphgeom	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	utils	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	validate_drp	Krzysztof Findeisen	<div>  DM-11585 - Jira project doesn't exist or you don't have permission to view it. </div>
<input checked="" type="checkbox"/>	verify	Jonathan Sick	