


Sphinx doc/ and Numpydoc Migration

- This page coordinates the migration of our Science Pipelines packages to integrate with the <https://pipelines.lsst.io> build. There are two parts to this migration:
1. Upgrade the doc/ directory to include Sphinx boilerplate. Put a check mark in the "doc/ status" column once your package is sphinx buildable and pushed to master.
 - a. (Note: most of the green checks below as of the end of the day 3/9/18 seem to indicate the package is sphinx buildable and pushed to a 'u/user/sphinx-docs' branch but **not** yet pushed to master)
 2. Upgrade the Python docstrings of packages to the Numpydoc style. Put a check mark in the "numpydoc status" column once all of your package's python is converted to numpydoc.






Instructions for the JTM 2018 hack day are [here](#). Be aware they are obsolete for future work.








Use the label NUMPYDOC in Jira to identify tickets for this work. Here are the currently outstanding tickets:










key	summary	created	updated	assignee	reviewers	status
<div> Jira project doesn't exist or you don't have permission to view it.</div> <div>View these issues in Jira</div>						








Packages in lsst_apps




This is the contents of lsst_apps as of w_2018_37, minus externals. **These are the highest priority: work on these first.**

Package	doc/ status	numpydoc status	Tickets	Notes
afw		Partial	<div> DM-16855 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16856 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16857 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16858 - Jira project doesn't exist or you don't have permission to view it.</div>	

			<div> DM-16859 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16860 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-14135 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16861 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16862 - Jira project doesn't exist or you don't have permission to view it.</div> <div> DM-16863 - Jira project doesn't exist or you don't have permission to view it.</div>	
astshim				No Python code — conversion unnecessary
base	✓	✓		
coadd_chisquared	✓	✓		
coadd_utils	✓		<div> DM-16078 - Jira project doesn't exist or you don't have permission to view it.</div>	Initial conversion by David Staker.



daf_base			 DM-15815 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker.
daf_butler	✓	✓		
daf_persistence			 DM-15816 - Jira project doesn't exist or you don't have permission to view it.	To be removed ; ignore this package.
display_ds9	✓		 DM-15004 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker
geom	✓		 DM-19389 - Jira project doesn't exist or you don't have permission to view it.	No Python code — conversion unnecessary aside from setting up Sphinx
ip_diffim	✓	✓	 DM-15684 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker.
ip_isr	✓		 DM-14136 - Jira project doesn't exist or you don't have permission to view it.	
log	✓		 DM-15813 - Jira project doesn't exist or you don't have permission to view it.	
meas_algorithms	✓		 DM-16824 - Jira project doesn't exist or you don't have permission to view it.	Taken by Nate Lust
meas_astrom			 DM-14133 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker.

meas_base	✓	✓	 DM-15347 - Jira project doesn't exist or you don't have permission to view it.	
meas_deblender	✓		 DM-15552 - Jira project doesn't exist or you don't have permission to view it.	Scons fail (DM-16901 to fix)
meas_extensions_astrometryNet			 DM-16124 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker.
meas_extensions_psflux	✓		 DM-16865 - Jira project doesn't exist or you don't have permission to view it.	Taken by Dan Taranu
meas_extensions_simpleShape	✓			No Python code — conversion unnecessary
meas_modelfit	✓			No Python code — conversion unnecessary
obs_base	✓	✓		
obs_IsstSim	✓			Likely to be deprecated; ignore for now.
obs_sdss	✓		 DM-15817 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker.
obs_test	✓	✓	 DM-14908 - Jira project doesn't exist or you don't have permission to view it.	Initial conversion by David Staker.
pex_config			 DM-11558 - Jira project doesn't exist or you don't have permission to view it.	Ready for review.

pex_exceptions	✓			No Python code — conversion unnecessary? (check!)
pex_policy				To be removed ; ignore this package.
pipe_base	✓	✓		
pipe_tasks	✓		<div>  DM-15554 - Jira project doesn't exist or you don't have permission to view it. </div>	
sconsUtils				
shapelet	✓	✓	<div>  DM-15855 - Jira project doesn't exist or you don't have permission to view it. </div>	Starter project for Unknown User (gkovacs) .
skymap	✓	✓	<div>  DM-15681 - Jira project doesn't exist or you don't have permission to view it. </div>	
sphgeom				No Python code — conversion unnecessary?
utils	✓	✓		

Other Packages

Package	doc/ status	numpydoc status	Tickets	Notes / Current Worker
ap_assoc	✓	✓	DM-13916	Unknown User (cmorrison)
pex_logging				SKIP: DEPRECATED!
db	✓			Kenny Lo
cat				
cp_pipe				Merlin Fisher-Levine
ctrl_events				
ctrl_pool				
ctrl_orca				
ctrl_provenance				
ctrl_stats				

ctrl_execute				
ctrl_platform_lsst				
ctrl_platform_gordon				
meas_extensions_photometryKron	✓		DM-13996	Ian Sullivan
meas_extensions_shapeHSM	✓		DM-13996	Ian Sullivan
meas_extensions_ngmix				
pipe_supertask				
jointcal	✓	✓	u/parejkoj/sphinx-docs	John Parejko
obs_subaru			<div>  DM-15810 - Jira project doesn't exist or you don't have permission to view it. </div>	Sophie Reed Unknown User (dstaker)
obs_decam	✓	✓	<div>  DM-15812 - Jira project doesn't exist or you don't have permission to view it. </div>	Hsin-Fang Chiang Unknown User (dstaker) Meredith Rawls
obs_cfht	✓	✓	DM-13941	John Parejko
obs_comCam				Merlin Fisher-Levine
ci_hsc				
validate_drp	✓	✓	u/parejkoj/sphinx-docs	John Parejko
obs_monocam				
pipe_drivers	✓		DM-13941	1: John Parejko
daf_ingest	✓ Ported to Python3.			Kenny Lo
verify	✓	✓		