

Logging Migration




















This page is used to track progress on migrating the DM software stack to use lsst.log and remove pex.logging dependency, started in









 [RFC-29](#) - Standardize logging and remove pex_logging IMPLEMENTED and  [RFC-203](#) - Use lsst::log in pipeline tasks IMPLEMENTED .

Documentations:  [DM-7530](#) - Update log documentations for marking RFC-203 implemented DONE : <https://developer.lsst.io/coding/logging.html>

All dependent packages may need to remove the pex.logging dependency before a package can completely remove it pex.logging dependency.

A ticket to deprecate pex_logging:  [DM-8365](#) - deprecate pex_logging DONE

Package	JIRA	Package Dependency	Notes
daf_persistence	 DM-6984 - Suggest logging migration in daf_persistence and daf_butlerUtils DONE		
daf_butlerUtils	 DM-6984 - Suggest logging migration in daf_persistence and daf_butlerUtils DONE	Python only	
afw	 DM-6985 - Suggest logging migration in afw DONE	daf_persistence	
pipe_base	 DM-6999 - Use lsst::log in pipe_base and pipe_tasks DONE  DM-6985 - Suggest logging migration in afw DONE	Python only	
shapelet	 DM-6985 - Suggest logging migration in afw DONE	afw	
coadd_utils	 DM-7502 - Switch to lsst.log in coadd_utils and coadd_chisquared DONE	afw	
coadd_chisquared	 DM-7502 - Switch to lsst.log in coadd_utils and coadd_chisquared DONE	coadd_utils	
meas_base	 DM-6986 - Suggest Tasks' logging migration in meas packages DONE  DM-6985 - Suggest logging migration in afw DONE  DM-7502 - Switch to lsst.log in coadd_utils and coadd_chisquared DONE	coadd_utils	
meas_extensions_simpleShape	 DM-7502 - Switch to lsst.log in coadd_utils and coadd_chisquared DONE	meas_base	
meas_algorithms	 DM-7670 - convert to use lsst.log in meas_algorithms DONE		
meas_extensions_shapeHSM	 DM-7670 - convert to use lsst.log in meas_algorithms DONE	meas_algorithms	
meas_deblender	 DM-7000 - Remove pex_logging dependency on pipe_tasks DONE		
meas_extensions_photometryKron	 DM-7000 - Remove pex_logging dependency on pipe_tasks DONE		
meas_extensions_psfex	 DM-7670 - convert to use lsst.log in meas_algorithms DONE		
meas_astrom	 DM-7744 - Missed incompatible logging changes in Python + migrate meas_astrom DONE	meas_algorithms	
meas_modelfit	 DM-8357 - Port meas_modelfit to log package DONE		An optional dependency of obs_subaru
meas_extensions_co nvolved	Logging not used		Not in lsst_distrib.

meas_extensions_ng mix	Logging not used		Not in lsst_distrib.
meas_mosaic	 DM-8358 - Port meas_mosaic to log package DONE		Not in lsst_distrib
ip_isr	 DM-7670 - convert to use lsst.log in meas_algorithms DONE	meas_algorithms	
ip_diffim	 DM-7000 - Remove pex_logging dependency on pipe_tasks DONE		
pipe_tasks	 DM-7000 - Remove pex_logging dependency on pipe_tasks DONE		
ctrl_pool	 DM-8359 - Port ctrl_pool to log package DONE		
pipe_drivers	no direct use of pex_logging	ctrl_pool	
pipe_supertasks	no direct use of pex_logging	pipe_base	
daf_ingest	 DM-8270 - Port daf_ingest to log package DONE		Not in lsst_distrib but is planned to be added soon.
ci_hsc	 DM-8356 - Port ci_hsc to log package DONE		Not in lsst_distrib
ctrl_provenance	 DM-8992 - Migrate logging in ctrl_provenance to log WON'T FIX		In lsst_distrib