

Previous month PT1.2 - Mgt/SE

Current month Mgt/SE

Next month PT1.2 - Mgt/SE

Guide on Reporting Percentage Completed:

For software development tasks:

- use 0% if the solution is still being designed;
- use 25% if the solution's design is completed;
- use 50% if the solution is implemented and tested within the Ticket branch;
- use 75% if the implementation review is complete, the Ticket branch has been merged onto the Trunk branch, and the Ticket is closed.
- use 100% if the affected Trunk packages are tagged and released.

For level of effort tasks, use % of effort expended rounded to nearest 5%:

For other tasks, still use these increments, but apply their meaning as best as possible:

- use 0% if the deliverable is still being designed;
- use 25% if the deliverable's design is completed;
- use 50% if the deliverable is implemented awaiting review/approval;
- use 75% if the deliverable has been reviewed and in revision;
- use 100% if the deliverable is approved and posted to appropriate repository.

Note: Please place an asterisk (*) after the percent if you updated this value in this report.

Task	Start	Finish	Resources (lead first)	% Complete	Comments
<i>Infrastructure</i>			<i>Mike Freemon</i>		<i>Recovered from a motherboard failure on the server; Received shipment of the new server; conduction shakedown testing beginning; major activities are migrating Databases and physically relocating the development environment to non-LSST requirements/deadline</i>
Acquire and configure new storage to replace SAN	20110131	20110425	Pietrowicz Steve[5%]	75%*	This machine has arrived, and is being configured
Relocate servers from ACB to NCSA building	20110425	20110627	Gehrig David[10%]	25%*	Plan has been re-ordered owing to hardware issues; we'll copy data, then move servers
<i>Environment and Tools</i>			<i>Ray Plante</i>		
TCT approval for environment/tool updates	20110309	20110309	Allsman Robyn[50%]	10%	This is an on-demand task. 'cftio
Install, configure, publish environment/tool updates	20110201	20110315	Plante Ray[25%]	25%	work continues
Complete eups release	20110208	20110325	Plante Ray[25%]	25%	work continues; hope to finish th
Update environment and tools documentation	20110325	20110330	Plante Ray[50%]	0%	work continues

Support trac, svn, systems administration	20110131	20110617	Gehrig David[15%]	50%*	level-of-effort task
<i>ImSim Data</i>			<i>Simon Krughoff</i>		
Prepare and code to generate images and catalogs	20110131	20110405	Krughoff Simon[30%]	*75%	Implemented testing ongoing
Test generation of images and catalogs	20110328	20110411	Krughoff Simon[30%]	*75%	Star images and reference catalogs week.
Generate images and catalogs	20110411	20110509	Krughoff Simon[30%],Gibson Rob	0%	
Support <u>ImSim</u> data	20110509	20110606	Krughoff Simon[10%]	0%	
Import reference catalogs into Gator for comparison to output catalogs	20110509	20110511	Monkewitz Serge[50%]	0%	
<i>Production-Pipeline-Stage Middleware</i>			<i>Steve Pietrowicz</i>		
<i>Data Access Middleware and Database</i>			<i>KT Lim</i>		<i>Major butler implementation changes</i>
Butler additions/fixes	20110131	20110324	Lim KT[50%]	100%	
Serialization and Persistence additions/fixes	20110214	20110325	Lim KT[50%]	25%	
Schema updates for galaxy photometry and others as needed	20110309	20110324	Becla Jacek[25%]	80%*	To the best of my knowledge, the keeping at 80% to capture current
Spatial support (deploying udfs, indexes etc)	20110325	20110428	Becla Jacek[25%]	50%*	Discussed with JHU, working on and our versions), Serge almost on HTM-bases solution that should
Improve schema documentation (udfs, stored functions/procedures)	20110429	20110526	Becla Jacek[25%]	0%	This will get done once we deploy
Redo db initialization (setup_perRunTables.sql etc)	20110527	20110607	Becla Jacek[25%]	100%*	Done
<i>ISR and CCD Assembly</i>			<i>Simon Krughoff</i>		
Implement more SDQA metrics for ISR	20110309	20110322	Krughoff Simon[50%]	0%	
Clean-up/re-write ISR python code	20110323	20110412	Krughoff Simon[50%]	*25%	Begun as part of the #1556 merge
Implement raw CCDAssembly method	20110413	20110419	Krughoff Simon[50%]	0%	
<i>Point Source Photometry</i>			<i>Robert Lupton</i>		
Identify and fix zeropoint calculation error	20110131	20110309	Becker Andy[25%],Lupton	75%	

			Robert[25%]		
Test aperture corrections	20110204	20110311	Lupton Robert[25%]	75%	
<i>PSF Estimation</i>			<i>Robert Lupton</i>		
Finish PSF unification	20110131	20110318	Owen Russell[20%],Jarvis Mike[80%]	50%*	Merged HSC changes into meas, updated meas_pipeline to match.
Update PSF formatter	20110325	20110330	Lim KT[50%]	0%	
Debug PCA PSF code	20110131	20110401	Lupton Robert[50%]	75%	
<i>Galaxy Photometry</i>			<i>Jim Bosch</i>		<i>Merged 1556 changes to trunk, n work.</i>
Finish porting external shapelet code to meas/multifit	20110131	20110405	Bosch Jim[50%]	*100%	Done. Much of it ended up in afw
Finish updates to afw to support meas/multifit	20110131	20110325	Dubcovsky Martin[50%]	*100%	Done.
Implement LocalPsf? interface (with shapelets) for existing Psf classes	20110328	20110415	Dubcovsky Martin[50%],Bosch Jim[50%]	*100%	Done. More testing with "real" d
R&D for optimizers, parameterizations, and inputs	20110415	20110506	Dubcovsky Martin[50%],Bosch Jim[50%]	5%	Re-starting work after merges.
Implement gaussian photometry	20110131	20110310	Lupton Robert[25%]	75%	
Implement Petrosian photometry	20110207	20110314	Lupton Robert[25%]	50%	
Implement Kron photometry	20110214	20110317	Lupton Robert[25%]	50%	
Fix Source class for memory bloat for Source Association	20110420	20110426	Monkewitz Serge[25%],Lupton Robert[50%]	0%	
<i>Co-addition</i>			<i>Owen Russell[0%]</i>		<i>coadd_utils and coadd_chisquar has been updated for #1556 but first, now I'm busy with other things updating (but is not used by pipe</i>
Pipette scripts	20110131	20110315	Owen Russell[50%]	50%*	All scripts are written and updated changes need to be tested and our completely untested.
Write outlier-rejected psf-matched co-addition	20110315	20110329	Owen Russell[50%]	25%	Written as a pipette script but no coadd_pipeline yet.
Chi-squared co-addition	20110329	20110404	Owen Russell[50%]	75%*	coadd_chisquared package is done coadd_pipeline stage updates.
Update co-addition to use the new afw with unified geometry classes	20110404	20110408	Owen Russell[50%]	75%	see "Co-addition" above
Finish sky pixelization	20110408	20110506	Owen Russell[50%]	0%	No new work; other tasks took p
			<i>Becker Andy[0%]</i>		

<i>Templates and Difference Imaging</i>					
Merge ip_diffim development ticket to trunk	20110131	20110329	Becker Andy[50%]	25%	Started work on this
Support Psf matching for template creation	20110228	20110408	Becker Andy[50%]	50%	Written but not merged to trunk
Assess quality of generated templates	20110408	20110506	Becker Andy[50%]	0%	No templates have been made
Implement image subtraction on visit pairs	20110330	20110412	Becker Andy[50%]	50%	Required merging #1140 to trunk
<i>Quality Assessment</i>			<i>Andy Becker</i>		
Implement SDQA metrics for Source Association	20110309	20110310	Monkewitz Serge	0%	
Implement QA Pipeline package	20110131	20110419	Bickerton Steve[50%],Becker Andy[5%]	50%	pipeQA being used to monitor w refining the code.
Generate automatic QA metrics on pipeline runs	20110328	20110513	Becker Andy[50%]	50%	With Bickerton's refinements thi
<i>Build and Test</i>			<i>Robyn Allsman</i>		Monitoring and maintenance of t process.A new web page: ?http://dev.lsstcorp.org/trac/wiki provides the daily buildbot status. Run stacks are now generated by
Install and integrate new Parasoft release	20110131	20110311	Allsman Robyn[50%]	50%	Parasoft is debugging their recent LSST's C++ template usage
Buildbot development for pipette	20110311	20110318	Allsman Robyn[50%]	0%	
Incorporate standards into buildbot trunk validation	20110318	20110603	Allsman Robyn[25%]	0%	Low priority since no Parasoft to
Maintain buildbot integration and test	20110131	20110617	Allsman Robyn[25%]	30% *	Setup daily status page: ?http://dev.lsstcorp.org/trac/wiki
<i>Production Runs</i>			<i>Greg Daues/ Robyn Allsman</i>		The Weekly Production Run pro generation of the code stack is in Weekly Run, using that stack, is new status page details the Week ?http://dev.lsstcorp.org/trac/wiki
Migrate processing from abe to new platform	20110225	20110408	Plante Ray[10%],Daues Greg[10%]	50%	Condor Glide-in to TACC Range nodes join the LSST cluster, but debugged.
Set up weekly runs	20110131	20110322	Allsman Robyn <u>?%</u> Daues Greg [10%]	100%*	The Cluster's Weekly Production buildbot.
Weekly runs	20110323	20110510	Allsman Robyn?%, Daues Greg[5%]	50%	Maintaining/updating the weekly changes to the run characteristics reference catalogs, and new hard
Production debug/practice runs	20110420	20110510	Daues Greg[20%]	0%	

Full Production runs	20110511	20110628	Dauess Greg[50%]	0%	
<i>User Support</i>			<i>Dick Shaw</i>		
Update Data Challenge Handbook	20110131	20110421	Shaw Dick[50%]	10%	
Update DM User Support	20110421	20110526	Shaw Dick[50%]	5%	It is not obvious that User Support is done for the June release.
Configure/tune catalogs	20110526	20110609	Becla Jacek[10%]	50%*	All tune-ups needed so far has been done.
<i>Data Analysis</i>			<i>Tim Axelrod</i>		
DM Scientist/Engineer? data analysis	20110420	20110628	Axelrod Tim[50%],Lupton Robert[50%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%]	0%	
Science Collaboration data analysis	20110609	20110721	Science Collaboration	0%	
Data analysis report in handbook	20110721	20110804	Axelrod Tim[50%],Lupton Robert[25%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%],Science Collaboration	0%	