

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. Please update the "Last Update" date even if the value doesn't change, so we'll know whether we have the most current information.

Task	Critical?	Start	Finish	Resources (lead first)	% Complete	Comments	Last Update
<i>Environment and Tools</i>				<i>Ray Plante</i>			
TCT approval for environment/tool updates		20110309	20110602	Allsman Robyn[50%]	50%		201105
Install, configure, publish environment/tool updates		20110201	20110608	Plante Ray[25%]	25%		201105
Complete eups release		20110208	20110617	Plante Ray[25%]	25%		201105
Support trac, svn, systems administration		20110131	20110713	Gehrig David[15%]	100%*		201105
<i>ImSim Data</i>				<i>Simon Krughoff</i>			
Test generation of images and catalogs		20110328	20110622	Krughoff Simon[30%]	100%*	Testing of reference	201106

						catalogs and <u>ImSim</u> images is ongoing.	
Generate images and catalogs		20110506	20110707	Krughoff Simon[30%],Gibson Rob	100%*	All catalogs and all but the Dave Monet 10 year stacks are produced	201106
Support <u>ImSim</u> data		20110707	20110804	Krughoff Simon[10%]	100%*	Reference catalogs for S2000 produced. Debugging of flats and astrometric errors in progress	201106
Import reference catalogs into Gator for comparison to output catalogs		20110610	20110708	Monkewitz Serge[50%]	100%*	Ingested ref catalogs for 2000x and produced CSV files for SourceAssoc? ingest. Gator ingest to occur after 2000x run completes.	201106
<i>Data Access Middleware and Database</i>				<i>KT Lim</i>			
Spatial support (deploying udfs, indexes etc)	No	20110325	20110608	Becla Jacek[25%],Monkewitz Serge[20%]	100%*	New spatial UDFs installed.	201108
Improve schema documentation (udfs, stored functions/procedures)	No	20110701	20110930	Becla Jacek[25%]	50%	Documentation available, contents all done, would be nice to better integrate with schema browser	201108
<i>ISR and CCD Assembly</i>				<i>Simon Krughoff</i>			
Implement more SDQA metrics for ISR		20110602	20110615	Krughoff Simon[50%]	0%		201106
Clean-up/re-write ISR python code		20110323	20110701	Krughoff Simon[50%]	25%		201106
		20110701	20110708	Krughoff Simon[50%]	0%		201106

Implement raw CCDAssembly method							
<i>Point Source Photometry</i>				<i>Robert Lupton</i>			
Test aperture corrections		20110204	20110603	Lupton Robert[25%]	75%		201104
<i>PSF Estimation</i>				<i>Robert Lupton</i>			
Finish PSF unification	No	20110131	20110719	Owen Russ[20%],Jarvis Mike[80%]	13%	PSF unification dropped from PT1.2	201108
Update PSF formatter		20110719	20110727	Lim KT[50%]	0%	PSF unification dropped from PT1.2	201105
Debug PCA PSF code		20110131	20110606	Lupton Robert[50%]	95%		201104
<i>Galaxy Photometry</i>				<i>Martin Dubcovsky</i>			
R&D for optimizers, parameterizations, and inputs	No	20110415	20110607	Dubcovsky Martin[50%],Bosch Jim[50%]	75%	We are continuing to research optimizers and priors, If we make significant progress, it may make it into the 3000 series runs, but is not critical for PT 1.2	201106
Implement Kron photometry		20110214	20110603	Lupton Robert[25%]	75%	Not critical for production start	201105
Fix Source class for memory bloat for Source Association		20110708	20110715	Monkewitz Serge[25%],Lupton Robert[50%]	0%	Post PT1.2, determined by galaxy photometry runs	201106
<i>Co-addition</i>	No			<i>Russell Owen</i>			
Pipette scripts	No	20110131	20110606	Owen Russ[50%]	75%		201108
Write outlier-rejected psf-matched co-addition	No	20110315	20110616	Owen Russ[50%]	75%		201108
Update co-addition to use the new afw with unified geometry classes	No	20110404	20110620	Owen Russ[50%]	75%		201108
Finish sky pixelization	No	20110620	20110718	Owen Russ[50%]	25%		201108

<i>Templates and Difference Imaging</i>			<i>Andy Becker</i>			201108
Merge ip_diffim development ticket to trunk	20110131	20110615	Becker Andy[50%]	100%*		201108
Support Psf matching for template creation	20110228	20110622	Becker Andy[50%]	100%*		201108
Assess quality of generated templates	20110623	20110720	Becker Andy[50%]	0%		201108
Implement image subtraction on visit pairs	20110330	20110622	Becker Andy[50%]	50%		201108
<i>Quality Assessment</i>			<i>Andy Becker</i>			201108
Implement SDQA metrics for Source Association	20110309	20110602	Monkewitz Serge	100%*		201106
Implement QA Pipeline package	20110131	20110629	Bickerton Steve[50%],Becker Andy[5%]	100%		201108
Generate automatic QA metrics on pipeline runs	20110328	20110707	Becker Andy[50%]	75%		201108
<i>Build and Test</i>			<i>Robyn Allsman</i>		PipeQA has been integrated into buildbot and is in test for the weekly production runs.	201108
Install and integrate new Parasoft release	20110131	20110606	Allsman Robyn[50%]	50%	This corresponds to the 'Incorporate standards into buildbot trunk validation'	201108
Buildbot development for pipette	20110606	20110613	Allsman Robyn[50%]	90%*	Testing pipeQA integration with the Production Run weekly Run	201108
Incorporate standards into buildbot trunk validation	20110613	20110829	Allsman Robyn[25%]	0%	Parasoft has just provided us with new release which is reputed to solve Parasoft's bug handling Template code.	201108

Maintain buildbot integration and test	20110131	20110810	Allsman Robyn[25%]	100%*	Recurring entry; it is being done.	201108
<i>Production Runs</i>			<i>Greg Daues</i>			
Migrate processing from abe to new platform	20110225	20110608	Plante Ray[10%],Daues Greg[10%]	100%*		201105
Weekly runs	20110323	20110621	Daues Greg[5%]	60%	Were progressing routinely until a hardware failure on the VM host system took down the Buildbot Master for 2 weeks. That has been repaired but some fall-out still needs to be handled.	201108
Production debug/practice runs, including 0000	20110420	20110621	Daues Greg[20%]	100%*		201105
Full Production run 1000	20110622	20110628	Daues Greg[50%]	100%*		201105
Full Production run 2000	20110629	20110705	Daues Greg[50%]	100%*		201105
<i>User Support</i>			<i>Dick Shaw</i>			
Update Data Challenge Handbook	20110131	20110708	Shaw Dick[50%]	100%*	Additional update will be needed if the s4000 images are released.	201108
Update DM User Support	20110421	20110803	Shaw Dick[50%]	50%	SIA tools evaluation remains to be done	201108
<i>Data Analysis</i>			<i>Tim Axelrod</i>			
DM Scientist/Engineer? data analysis	20110420	20110803	Axelrod Tim[50%],Lupton Robert[50%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%]	10%		201105

Science Collaboration data analysis
Data analysis report in handbook

20110811	20110921	Science Collaboration	0%		201105
20110922	20111005	Axelrod Tim[50%],Lupton Robert[25%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%],Science Collaboration	100%*	Handbook describes pipeQA artifacts and summarizes quality at a very high level.	201108