

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 Updated
<i>Environment and Tools</i>				<i>Ray Plante</i>			
TCT approval for environment/tool updates		20110309	20110602	Allsman Robyn[50%]	50%		20110516
Install, configure, publish environment/tool updates		20110201	20110608	Plante Ray[25%]	25%		20110516
Complete eups release		20110208	20110617	Plante Ray[25%]	25%		20110516
Support trac, svn, systems administration		20110131	20110713	Gehrig David[15%]	70%		20110516
<i>ImSim Data</i>				<i>Simon Krughoff</i>			
Test generation of images and catalogs		20110328	20110622	Krughoff Simon[30%]	75%	Testing of reference	20110621

						catalogs and <u>ImSim</u> images is ongoing.	
Generate images and catalogs		20110506	20110707	Krughoff Simon[30%],Gibson Rob	75%	All catalogs and all but the Dave Monet 10 year stacks are produced	20110621
Support <u>ImSim</u> data		20110707	20110804	Krughoff Simon[10%]	25%	Reference catalogs for S2000 produced. Debugging of flats and astrometric errors in progress	20110621
Import reference catalogs into Gator for comparison to output catalogs		20110610	20110708	Monkewitz Serge[50%]	75%	Ingested ref catalogs for 2000x and produced CSV files for SourceAssoc? ingest. Gator ingest to occur after 2000x run completes.	20110621
<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%]	90%	New spatial UDFs installed. Coming soon are related updates to cat, ap, and datarel.	20110621
Improve schema documentation (udfs, stored functions/procedures)	No	20110509	20110704	Becla Jacek[25%]	50%	Need to integrate with schema browser and deploy	20110621
<i>ISR and CCD Assembly</i>				<i>Simon Krughoff</i>			
		20110602	20110615	Krughoff Simon[50%]	0%		20110621

Implement more SDQA metrics for ISR							
Clean-up/re-write ISR python code		20110323	20110701	Krughoff Simon[50%]	25%		20110621
Implement raw CCDAssembly method		20110701	20110708	Krughoff Simon[50%]	0%		20110621
<i>Point Source Photometry</i>				<i>Robert Lupton</i>			
Test aperture corrections		20110204	20110603	Lupton Robert[25%]	75%		20110421
<i>PSF Estimation</i>				<i>Robert Lupton</i>			
Finish PSF unification	No	20110131	20110719	Owen Russ[20%],Jarvis Mike[80%]	13%		20110614
Update PSF formatter		20110719	20110727	Lim KT[50%]	0%	PSF unification dropped from PT1.2	20110520
Debug PCA PSF code		20110131	20110606	Lupton Robert[50%]	95%		20110420
<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	20110615
Implement Kron photometry		20110214	20110603	Lupton Robert[25%]	75%	Not critical for production start	20110516
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	20110601
<i>Co-addition</i>	No			<i>Russell Owen</i>			
Pipette scripts	No	20110131	20110606	Owen Russ[50%]	50%		20110614
	No	20110315	20110616	Owen Russ[50%]	75%		20110614

Write outlier-rejected psf-matched co-addition					
Update co-addition to use the new afw with unified geometry classes	No	20110404	20110620	Owen Russ[50%]	75%
Finish sky pixelization	No	20110620	20110718	Owen Russ[50%]	0%
<i>Templates and Difference Imaging</i>				<i>Andy Becker</i>	
Merge ip_diffim development ticket to trunk		20110131	20110615	Becker Andy[50%]	75%
Support Psf matching for template creation		20110228	20110622	Becker Andy[50%]	75%
Assess quality of generated templates		20110623	20110720	Becker Andy[50%]	0%
Implement image subtraction on visit pairs		20110330	20110622	Becker Andy[50%]	50%
<i>Quality Assessment</i>				<i>Andy Becker</i>	
Implement SDQA metrics for Source Association		20110309	20110602	Monkewitz Serge	90%
Implement QA Pipeline package		20110131	20110629	Bickerton Steve[50%],Becker Andy[5%]	75%
Generate automatic QA metrics on pipeline runs		20110328	20110707	Becker Andy[50%]	75%
<i>Build and Test</i>				<i>Robyn Allsman</i>	
Install and integrate new Parasoft release		20110131	20110606	Allsman Robyn[50%]	50%
Buildbot development for pipette		20110606	20110613	Allsman Robyn[50%]	0%
Incorporate standards into buildbot trunk validation		20110613	20110829	Allsman Robyn[25%]	0%
Maintain buildbot integration and test		20110131	20110810	Allsman Robyn[25%]	50%
<i>Production Runs</i>				<i>Greg Daues</i>	
Migrate processing from abe to new platform		20110225	20110608	Plante Ray[10%],Daues Greg[10%]	50%
Weekly runs		20110323	20110621	Daues Greg[5%]	60%

Production debug/practice runs, including 0000
Full Production run 1000
Full Production run 2000
<i>User Support</i>
Update Data Challenge Handbook
Update DM User Support
<i>Data Analysis</i>
DM Scientist/Engineer? data analysis
Science Collaboration data analysis
Data analysis report in handbook

20110420	20110621	Daues Greg[20%]	50%	
20110622	20110628	Daues Greg[50%]	0%	
20110629	20110705	Daues Greg[50%]	0%	
		<i>Dick Shaw</i>		
20110131	20110708	Shaw Dick[50%]	80%	This will not be done before Production.
20110421	20110803	Shaw Dick[50%]	50%	Includes SIA tools evaluation, setup SIAP, REDDnet image cache testing
		<i>Tim Axelrod</i>		
20110420	20110803	Axelrod Tim[50%],Lupton Robert[50%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%]	10%	
20110811	20110921	Science Collaboration	0%	
20110922	20111005	Axelrod Tim[50%],Lupton Robert[25%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%],Science Collaboration	0%	

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