

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>Infrastructure</i>				<i>Mike Freemon</i>			
Acquire and configure new storage to replace SAN		20110131	20110617	Pietrowicz Steve[5%]	100%*		20110614
Relocate servers from ACB to NCSA building		20110425	20110803	Gehrig David[10%]	100%*	servers moved; storage infrastructure moved from NCSA SAN to NFS	20110602
<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
Complete eups release
Support trac, svn, systems administration
<i>ImSim Data</i>
Prepare and code to generate images and catalogs
Test generation of images and catalogs
Generate images and catalogs
Support <i>ImSim</i> data
Import reference catalogs into Gator for comparison to output catalogs
<i>Data Access Middleware and</i>

20110201	20110608	Plante Ray[25%]	25%		20110510
20110208	20110617	Plante Ray[25%]	25%		20110510
20110131	20110713	Gehrig David[15%]	70%		20110510
		<i>Simon Krughoff</i>			
20110131	20110621	Krughoff Simon[30%],Lim KT[5%]	100%*	All code for generating images, input catalogs, and reference catalogs is done	20110621
20110328	20110622	Krughoff Simon[30%]	75%*	Testing of reference catalogs and <i>ImSim</i> images is ongoing.	20110621
20110506	20110707	Krughoff Simon[30%],Gibson Rob	75%*	All catalogs and all but the Dave Monet 10 year stacks are produced	20110621
20110707	20110804	Krughoff Simon[10%]	25%*	Reference catalogs for S2000 produced. Debugging of flats and astrometric errors in progress	20110621
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>KT Lim</i>			

<i>Database</i>							
Serialization and Persistence additions/fixes		20110214	20110613	Lim KT[50%]	100%*	Source blob persistence fixed but unusable due to memory constraints	2011062
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.	2011062
Improve schema documentation (udfs, stored functions/procedures)	No	20110509	20110704	Becla Jacek[25%]	50%*	Need to integrate with schema browser and deploy	2011062
<i>ISR and CCD Assembly</i>				<i>Simon Krughoff</i>			
Implement more SDQA metrics for ISR		20110602	20110615	Krughoff Simon[50%]	0%		2011062
Clean-up/re-write ISR python code		20110323	20110701	Krughoff Simon[50%]	25%		2011062
Implement raw CCDAssembly method		20110701	20110708	Krughoff Simon[50%]	0%		2011062
<i>Point Source Photometry</i>				<i>Robert Lupton</i>			
Test aperture corrections		20110204	20110603	Lupton Robert[25%]	75%		2011042
<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	20110615

						and priors, If we make significant progress, it may make it into the 3000 series runs, but is not critical for PT 1.2	
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	20110603
<i>Co-addition</i>	No			<i>Russell Owen</i>			
Pipette scripts	No	20110131	20110606	Owen Russ[50%]	50%		20110614
Write outlier-rejected psf-matched co-addition	No	20110315	20110616	Owen Russ[50%]	75%		20110614
Chi-squared co-addition	No	20110329	20110617	Owen Russ[50%]	100%		20110614
Update co-addition to use the new afw with unified geometry classes	No	20110404	20110620	Owen Russ[50%]	75%		20110614
Finish sky pixelization	No	20110620	20110718	Owen Russ[50%]	0%		20110614
<i>Templates and Difference Imaging</i>				<i>Andy Becker</i>			20110616
Merge ip_diffim development ticket to trunk		20110131	20110615	Becker Andy[50%]	75%		20110616
Support Psf matching for template creation		20110228	20110622	Becker Andy[50%]	75%		20110616
Assess quality of generated templates		20110623	20110720	Becker Andy[50%]	0%		20110516
Implement image subtraction on visit pairs		20110330	20110622	Becker Andy[50%]	50%		20110516
<i>Quality Assessment</i>				<i>Andy Becker</i>			20110516
Implement SDQA metrics for Source		20110309	20110602	Monkewitz Serge	90%		20110603

Association					
Implement QA Pipeline package	20110131	20110629	Bickerton Steve[50%],Becker Andy[5%]	75%	20110610
Generate automatic QA metrics on pipeline runs	20110328	20110707	Becker Andy[50%]	75%	20110610
<i>Build and Test</i>			<i>Robyn Allsman</i>		
Install and integrate new Parasoft release	20110131	20110606	Allsman Robyn[50%]	50%	20110510
Buildbot development for pipette	20110606	20110613	Allsman Robyn[50%]	0%	20110510
Incorporate standards into buildbot trunk validation	20110613	20110829	Allsman Robyn[25%]	0%	20110510
Maintain buildbot integration and test	20110131	20110810	Allsman Robyn[25%]	50%	20110510
<i>Production Runs</i>			<i>Greg Daues</i>		
Migrate processing from abe to new platform	20110225	20110608	Plante Ray[10%],Daues Greg[10%]	50%	20110510
Weekly runs	20110323	20110621	Daues Greg[5%]	60%	20110510
Production debug/practice runs, including 0000	20110420	20110621	Daues Greg[20%]	50%	20110510
Full Production run 1000	20110622	20110628	Daues Greg[50%]	0%	20110510
Full Production run 2000	20110629	20110705	Daues Greg[50%]	0%	20110510
<i>User Support</i>			<i>Dick Shaw</i>		
Update Data Challenge Handbook	20110131	20110708	Shaw Dick[50%]	80%*	This will not be done before Production. 20110610
Update DM User Support	20110421	20110803	Shaw Dick[50%]	50%*	Includes SIA tools evaluation, setup SIAP, REDDnet image cache testing 20110610
Configure/tune catalogs	20110526	20110810	Becla Jacek[10%]	100%*	20110620
<i>Data Analysis</i>			<i>Tim Axelrod</i>		
DM Scientist/Engineer?	20110420	20110803	Axelrod Tim[50%],Lupton	10%	20110510

data analysis			Robert[50%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%]		
Science Collaboration data analysis	20110811	20110921	Science Collaboration	0%	20110510
Data analysis report in handbook	20110922	20111005	Axelrod Tim[50%],Lupton Robert[25%],Bosch Jim[50%],Becker Andy[50%],Van Dyk Schuyler[25%],Shaw Dick[50%],Science Collaboration	0%	20110510