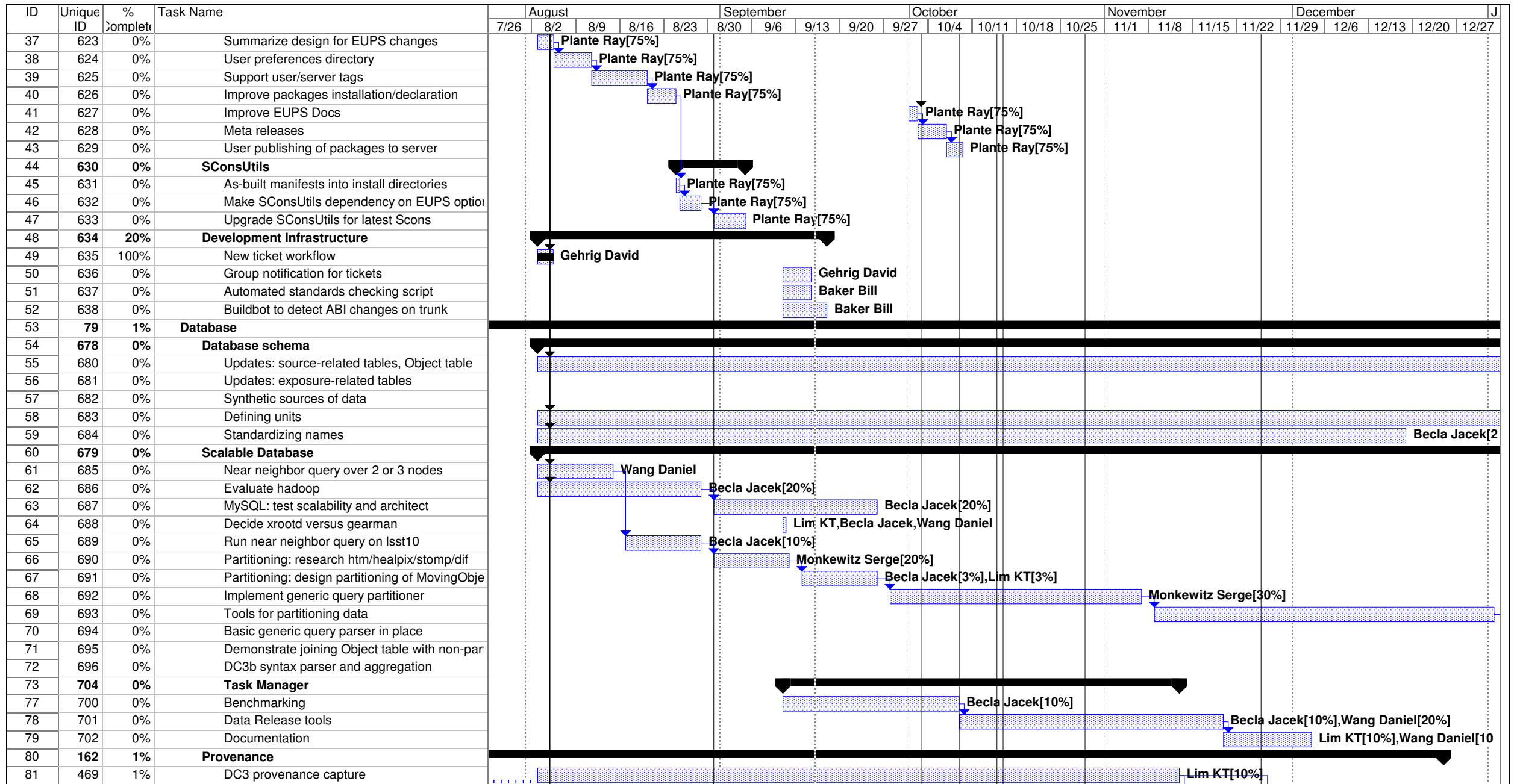


ID	Unique ID	% Complete	Task Name	August					September					October					November					December					J		
				7/26	8/2	8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	10/11	10/18	10/25	11/1	11/8	11/15	11/22	11/29	12/6	12/13	12/20	12/27					
1	466	100%	Middleware/Infrastructure Management, Coordination																												
2	194	100%	DC3 coordination																												
3	467	100%	Infrastructure maintenance																												
4	427	16%	Middleware																												
5	621	100%	DC3b Start Date																												
6	705	0%	Two-Month Milestone																												
7	1	57%	SW Quality Assurance																												
8	9	57%	Acquire SQA support tools																												
9	10	43%	Configurable tool to perform Lsst software standards checking																												
10	480	15%	Benchmark																												
11	482	30%	C++																												
12	481	0%	Python																												
13	478	100%	Acquire																												
14	11	100%	coverage analysis tool																												
15	488	100%	Release for developer use																												
16	37	28%	Build System																												
17	68	34%	VMs																												
18	569	10%	Maintain automated testing structure																												
19	41	75%	(BB) support distributable VMs for new develop																												
20	72	48%	deploy automated, multi-platform testing system																												
21	69	62%	install and configure initial testing system																												
22	74	5%	configure test system for automated V&V																												
23	44	7%	implement Software Quality Assurance procedures relevant to build process within Ticket branch development																												
24	45	10%																													
25	46	10%	build warnings if coding standards check fails																												
26	47	10%	build warnings if unittest doesn't satisfy DC3 coverage requirement																												
27	51	10%	Nightly build of development trunk																												
28	52	10%	any failures cause automatic 'Failed Nightly Build' ticket at high priority																												
29	53	0%	Production Release sanity check																												
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31	55	0%	auxiliary automatic notification to highest authority on failure (separate from ticket)																												
32	56	0%	Configuration Management: 'Build' upgrade																												
33	57	0%	Standards: specify requirement to version and archive build's provenance;																												
34	58	0%	Configuration Management: define procedure to satisfy that requirement;																												
35	59	0%	Configuration Management: implement its installation																												
36	622	0%	EUPS Revisions																												

Project: LSST-DC3-v1.8-updated-07.2
Date: Wed 9/16/09

Task Progress Summary External Tasks Deadline

Split Milestone Project Summary External Milestone

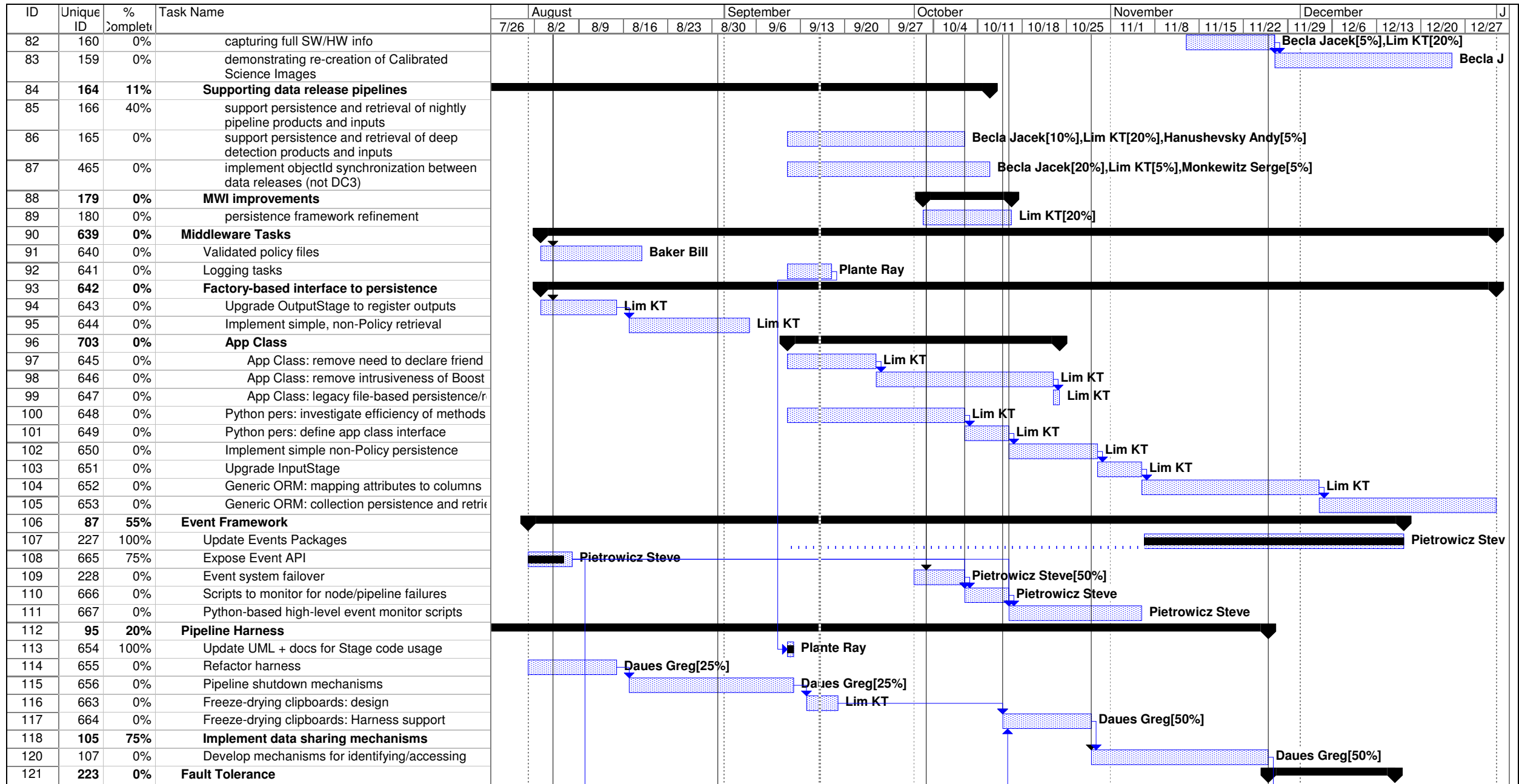


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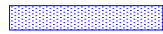




Task: [Blue hatched bar] Progress
Split: [Dotted bar] Milestone





Summary: [Thick black bar] External Tasks: [Thin black bar]
Project Summary: [Thick grey bar] External Milestone: [Thin grey bar]

Deadline: [Green arrow]



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Task  Progress  Summary  External Tasks  Deadline 

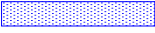




Split  Milestone  Project Summary  External Milestone 





ID	Unique ID	% Complete	Task Name	January				February				March				April				May				June			
				1/3	1/10	1/17	1/24	1/31	2/7	2/14	2/21	2/28	3/7	3/14	3/21	3/28	4/4	4/11	4/18	4/25	5/2	5/9	5/16	5/23	5/30	6/6	
1	466	100%	Middleware/Infrastructure Management, Coordination																								
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3	467	100%	Infrastructure maintenance																								
4	427	16%	Middleware	[Solid black bar]																							
5	621	100%	DC3b Start Date																								
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36	622	0%	EUPS Revisions																								

Lahey Russ AI

Baker Bill[5%]

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Task  Progress  Summary  External Tasks  Deadline 

Split  Milestone  Project Summary  External Milestone 

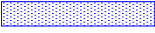


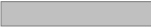





ID	Unique ID	% Complete	Task Name	January				February				March				April				May				June	
				1/3	1/10	1/17	1/24	1/31	2/7	2/14	2/21	2/28	3/7	3/14	3/21	3/28	4/4	4/11	4/18	4/25	5/2	5/9	5/16	5/23	5/30
37	623	0%	Summarize design for EUPS changes																						
38	624	0%	User preferences directory																						
39	625	0%	Support user/server tags																						
40	626	0%	Improve packages installation/declaration																						
41	627	0%	Improve EUPS Docs																						
42	628	0%	Meta releases																						
43	629	0%	User publishing of packages to server																						
44	630	0%	SConsUtils																						
45	631	0%	As-built manifests into install directories																						
46	632	0%	Make SConsUtils dependency on EUPS option																						
47	633	0%	Upgrade SConsUtils for latest Scons																						
48	634	20%	Development Infrastructure																						
49	635	100%	New ticket workflow																						
50	636	0%	Group notification for tickets																						
51	637	0%	Automated standards checking script																						
52	638	0%	Buildbot to detect ABI changes on trunk																						
53	79	1%	Database																						
54	678	0%	Database schema																						
55	680	0%	Updates: source-related tables, Object table																						
56	681	0%	Updates: exposure-related tables																						
57	682	0%	Synthetic sources of data																						
58	683	0%	Defining units																						
59	684	0%	Standardizing names																						
60	679	0%	Scalable Database																						
61	685	0%	Near neighbor query over 2 or 3 nodes																						
62	686	0%	Evaluate hadoop																						
63	687	0%	MySQL: test scalability and architect																						
64	688	0%	Decide xrootd versus gearman																						
65	689	0%	Run near neighbor query on lfst10																						
66	690	0%	Partitioning: research htm/healpix/stomp/dif																						
67	691	0%	Partitioning: design partitioning of MovingObje																						
68	692	0%	Implement generic query partitioner																						
69	693	0%	Tools for partitioning data																						
70	694	0%	Basic generic query parser in place																						
71	695	0%	Demonstrate joining Object table with non-par																						
72	696	0%	DC3b syntax parser and aggregation																						
73	704	0%	Task Manager																						
77	700	0%	Benchmarking																						
78	701	0%	Data Release tools																						
79	702	0%	Documentation																						
80	162	1%	Provenance																						
81	469	1%	DC3 provenance capture																						

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Task Progress Summary External Tasks Deadline
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82	160	0%	capturing full SW/HW info																								
83	159	0%	demonstrating re-creation of Calibrated Science Images	cek[5%],Lim KT[20%]																							
84	164	11%	Supporting data release pipelines																								
85	166	40%	support persistence and retrieval of nightly pipeline products and inputs																								
86	165	0%	support persistence and retrieval of deep detection products and inputs																								
87	465	0%	implement objectId synchronization between data releases (not DC3)																								
88	179	0%	MWI improvements																								
89	180	0%	persistence framework refinement																								
90	639	0%	Middleware Tasks																								
91	640	0%	Validated policy files																								
92	641	0%	Logging tasks																								
93	642	0%	Factory-based interface to persistence																								
94	643	0%	Upgrade OutputStage to register outputs																								
95	644	0%	Implement simple, non-Policy retrieval																								
96	703	0%	App Class																								
97	645	0%	App Class: remove need to declare friend																								
98	646	0%	App Class: remove intrusiveness of Boost																								
99	647	0%	App Class: legacy file-based persistence/r																								
100	648	0%	Python pers: investigate efficiency of methods																								
101	649	0%	Python pers: define app class interface																								
102	650	0%	Implement simple non-Policy persistence																								
103	651	0%	Upgrade InputStage																								
104	652	0%	Generic ORM: mapping attributes to columns																								
105	653	0%	Generic ORM: collection persistence and retrieval	Lim KT																							
106	87	55%	Event Framework	[25%]																							
107	227	100%	Update Events Packages																								
108	665	75%	Expose Event API																								
109	228	0%	Event system failover																								
110	666	0%	Scripts to monitor for node/pipeline failures																								
111	667	0%	Python-based high-level event monitor scripts																								
112	95	20%	Pipeline Harness																								
113	654	100%	Update UML + docs for Stage code usage																								
114	655	0%	Refactor harness																								
115	656	0%	Pipeline shutdown mechanisms																								
116	663	0%	Freeze-drying clipboards: design																								
117	664	0%	Freeze-drying clipboards: Harness support																								
118	105	75%	Implement data sharing mechanisms																								
120	107	0%	Develop mechanisms for identifying/accessing																								
121	223	0%	Fault Tolerance																								






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122	113	0%	Improving harness exception handling																						
123	109	56%	Pipeline Orchestration Layer	[Progress bar]																					
124	658	0%	I/O stage for interactive pipeline launch																						
125	111	100%	fill out the design of the orchestration layer, identify the components for DC3																						
126	659	0%	Refactor Orca																						
127	660	0%	Improve simple, interactive harness execution: infr																						
128	661	0%	Advanced interslice communications support																						
129	662	0%	Machine-readable inputs/outputs manifest																						
130	229	0%	"life-support" services	[Progress bar]																					
131	538	0%	Event Monitor integration																						
132	589	0%	Pipeline Fault Tolerance																						
133	570	0%	Events orchestration layer support																						
134	668	0%	Image Access																						
144	706	0%	Running DC3a Pipelines																						
145	707	0%	Automating nightly DC3a run																						
146	612	0%	DC3b Integration and Test																						
147	613	0%	DC3a Finish Production Runs																						
148	614	0%	Update DC3 V&V Plan for DC3b																						
149	615	0%	DC3a Start Production Runs																						
150	616	0%	Prepare/stage DC3b Test Data																						
151	617	0%	Configure DC3b testbed																						
152	618	0%	DC3b Integration Workshop at TBD																						
153	619	0%	DC3b Functional Testing																						
154	620	0%	DC3b Report																						
155	708	0%																							
156	709	0%	Improve simple, interactive harness execution: interfac																						

Pietrowicz Steve

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