Panda Monitoring using MonALISA

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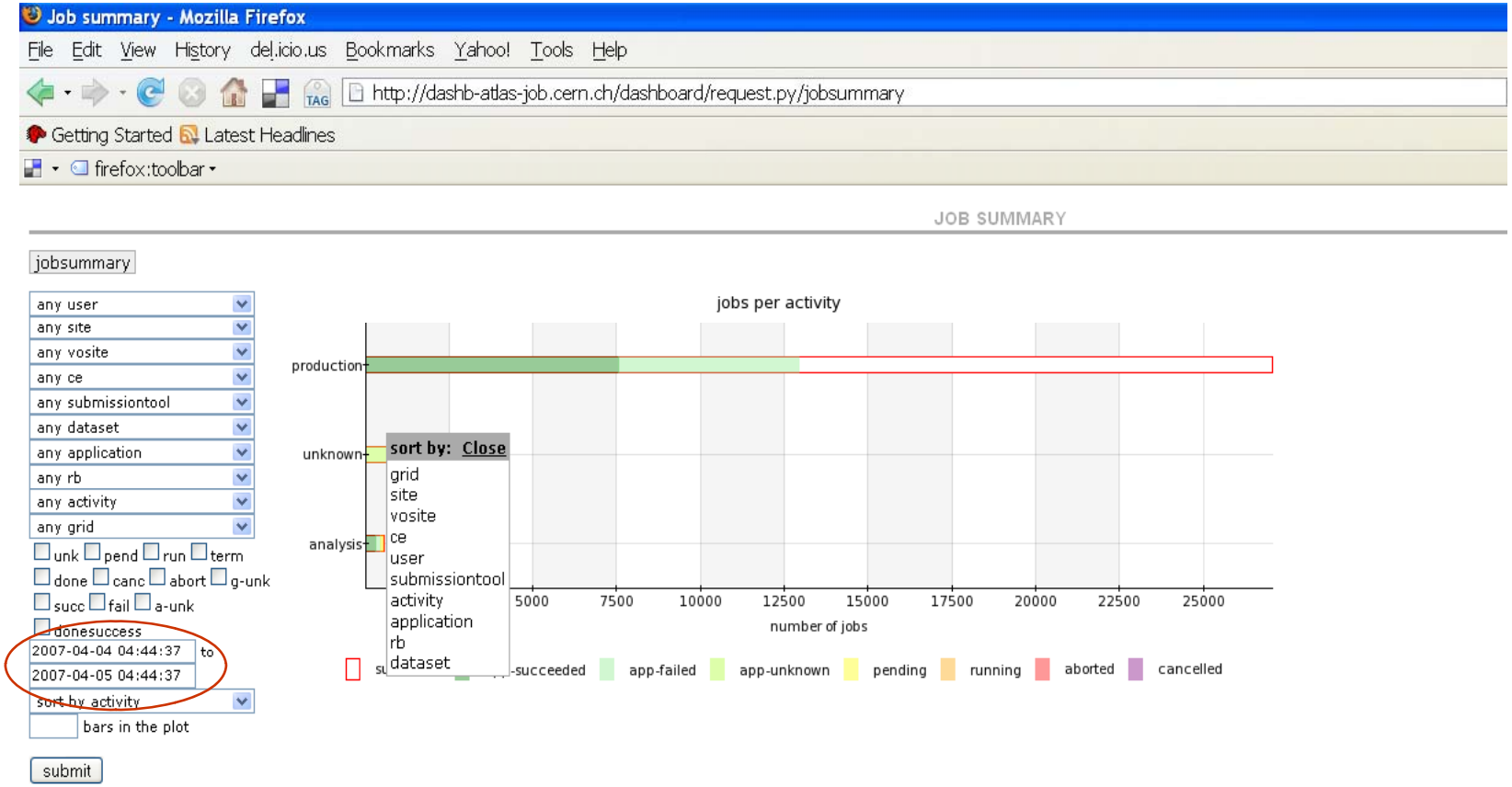
Report

- Currently sending Production and Analysis job information.
- Dashboard is currently being used by the users to get the monitoring information.
- Using the MonALISA server at University of Texas at Arlington.
- There is some delay in the relay of information from the Jobs to the Dashboard.

Jobs per Activity



	current status					grid exit status					application exit status				overall	
activity↓	Sub	Unk	Pend	Run	Term	Done	Canc	Abort	Unk	Grid%	Succ	Fail	Unk	App%	D/S	Overall%
analysis	558	0	61	31	466	2	0	2	462	50	319	145	2	68.75	2	0.43
production	27076	14149	0	0	12927	0	0	0	12927	0	7555	5372	0	58.44	0	0
unknown	1917	0	386	240	1291	825	0	453	13	64.55	11	2	1278	84.62	0	0

Analysis Jobs on OSG and LCG

JOB SUMMARY

jobsummary

any user
any site
any vosite
any ce
any submissiontool
any dataset
any application
any rb
analysis
any grid

unk pend run term
done canc abort g-unk
succ fail a-unk
donesuccess

2007-03-21 04:52:35 to
2007-04-01 04:52:35

sort by grid

bars in the plot

submit

	current status					grid exit status					application exit status					overall
grid↓	Sub	Unk	Pend	Run	Term	Done	Canc	Abort	Unk	Grid%	Succ	Fail	Unk	App%	D/S	Overall%
LCG	4430	0	13	35	4382	2475	758	1100	49	69.23	1174	1779	1429	39.76	1030	23.51
OSG	5902	0	622	373	4907	2197	0	0	2710	100	4347	560	0	88.59	1824	37.17

ATLAS

Analysis jobs on OSG per site

JOB SUMMARY

jobsummary

any user
any site
any vosite
any ce
any submissiontool
any dataset
any application
any rb
analysis
OSG

unk pend run term
done canc abort g-unk
succ fail a-unk
donesuccess

2007-03-21 04:52:35 to
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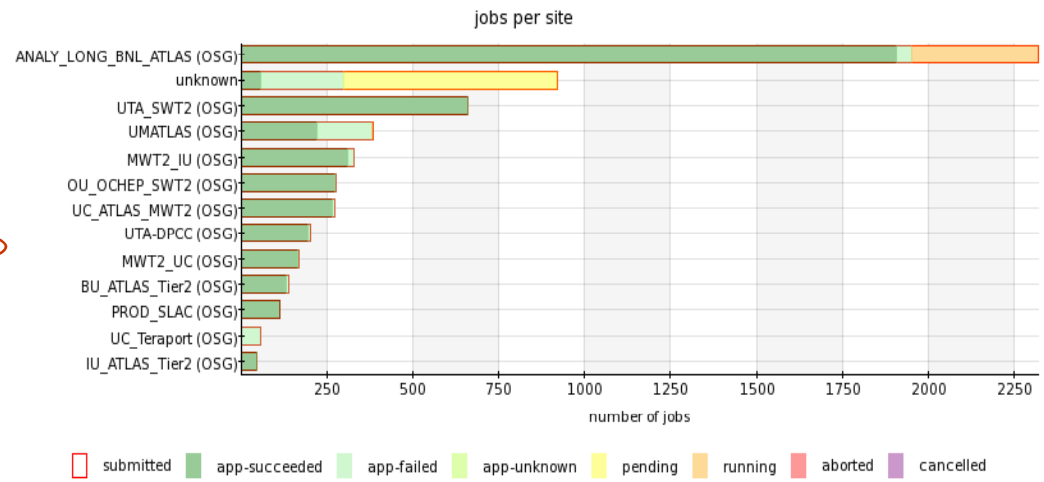
sort by site
bars in the plot

submit



	current status					grid exit status					application exit status					overall
site↓	Sub	Unk	Pend	Run	Term	Done	Canc	Abort	Unk	Grid%	Succ	Fail	Unk	App%	D/S	Overall%
ANALY_LONG_BNL_ATLAS (OSG)	2322	0	0	372	1950	1229	0	0	721	100	1908	42	0	97.85	1196	61.33
BU_ATLAS_Tier2 (OSG)	140	0	0	0	140	55	0	0	85	100	132	8	0	94.29	51	36.43
IU_ATLAS_Tier2 (OSG)	47	0	0	0	47	0	0	0	47	0	46	1	0	97.87	0	0
MWT2_IU (OSG)	331	0	0	0	331	13	0	0	318	100	310	21	0	93.66	0	0
MWT2_UC (OSG)	170	0	0	0	170	61	0	0	109	100	164	6	0	96.47	60	35.29
OU_OCHEP_SWT2 (OSG)	278	0	0	0	278	46	0	0	232	100	274	4	0	98.56	44	15.83
PROD_SLAC (OSG)	114	0	0	0	114	21	0	0	93	100	114	0	0	100	21	18.42
UC_ATLAS_MWT2 (OSG)	273	0	0	0	273	45	0	0	228	100	266	7	0	97.44	39	14.29
UC_Teraport (OSG)	59	0	0	0	59	9	0	0	50	100	0	59	0	0	0	0
UMATLAS (OSG)	384	0	0	1	383	229	0	0	154	100	223	160	0	58.22	165	43.08
UTA-DPCC (OSG)	201	0	0	0	201	21	0	0	180	100	194	7	0	96.52	18	8.96
UTA_SWT2 (OSG)	662	0	0	0	662	175	0	0	487	100	659	3	0	99.55	173	26.13
unknown	921	0	622	0	299	293	0	0	6	100	57	242	0	19.06	57	19.06
total	*5902*	*0*	*622*	*373*	*4907*	*2197*	*0*	*0*	*2710*	*100*	*4347*	*560*	*0*	*88.59*	*1824*	*37.17*

ATLAS

Jobs per Dataset on UTA_SWT2 Site

JOB SUMMARY

jobsummary

any user
UTA_SWT2 (OSG)
any vosite
any ce
any submissiontool
any dataset
any application
any rb
analysis
OSG

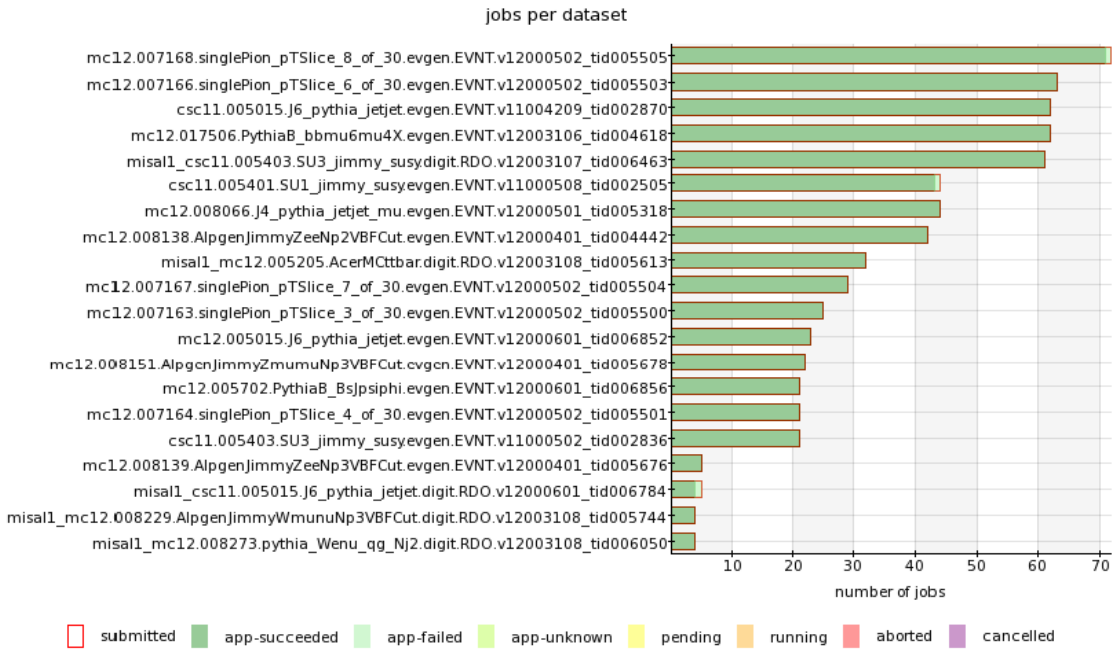
unk pend run term
done canc abort g-unk
succ fail a-unk
donesuccess

2007-03-21 04:52:35 to
2007-04-01 04:52:35

sort by dataset

bars in the plot

submit



	current status					grid exit status					application exit status				overall	
dataset	Sub	Unk	Pend	Run	Term	Done	Canc	Abort	Unk	Grid%	Succ	Fail	Unk	App%	D/S	Overall%
csc11.005015.J6_pythia_jetjet.evgen.EVNT.v11004209...	62	0	0	0	62	0	0	0	62	0	62	0	0	100	0	0
csc11.005401.SU1_jimmy_susy.evgen.EVNT.v11000508_t...	44	0	0	0	44	0	0	0	44	0	43	1	0	97.73	0	0
csc11.005403.SU3_jimmy_susy.evgen.EVNT.v11000502_t...	21	0	0	0	21	0	0	0	21	0	21	0	0	100	0	0
mc12.005015.J6_pythia_jetjet.evgen.EVNT.v12000601_...	23	0	0	0	23	0	0	0	23	0	23	0	0	100	0	0
mc12.005702.PythiaB_BsJpsiphi.evgen.EVNT.v12000601...	21	0	0	0	21	0	0	0	21	0	21	0	0	100	0	0
mc12.007163.singlePion_pTSlice_3_of_30.evgen.EVNT....	25	0	0	0	25	0	0	0	25	0	25	0	0	100	0	0
mc12.007164.singlePion_pTSlice_4_of_30.evgen.EVNT....	21	0	0	0	21	21	0	0	0	100	21	0	0	100	21	100
mc12.007166.singlePion_pTSlice_6_of_30.evgen.EVNT....	63	0	0	0	63	63	0	0	0	100	63	0	0	100	63	100
mc12.007167.singlePion_pTSlice_7_of_30.evgen.EVNT....	29	0	0	0	29	0	0	0	29	0	29	0	0	100	0	0
mc12.007168.singlePion_pTSlice_8_of_30.evgen.EVNT....	72	0	0	0	72	41	0	0	31	100	71	1	0	98.61	40	55.56
mc12.008066.J4_pythia_jetjet_mu.evgen.EVNT.v120005...	44	0	0	0	44	44	0	0	0	100	44	0	0	100	44	100
mc12.008138.AlpgenJimmyZeeNp2VBFCut.evgen.EVNT.v12...	42	0	0	0	42	0	0	0	42	0	42	0	0	100	0	0
mc12.008139.AlpgenJimmyZeeNp3VBFCut.evgen.EVNT.v12...	5	0	0	0	5	5	0	0	0	100	5	0	0	100	5	100
mc12.008151.AlpgenJimmyZmumuNp3VBFCut.evgen.EVNT.v...	22	0	0	0	22	0	0	0	22	0	22	0	0	100	0	0

Job Status View

JOB DETAILED VIEW

total: 63 (seeing 0 to 50)

prev 50 next 50

num	Grid JobId	Site	Grid Status	ExitCode	Task JobId	Submitted	Started	Finished	Task	IP	TargetCE
1	panda_1258838	UTA_SWT2 (OSG)	DONE	0	987	2007-03-24 05:37:54	2007-03-25 02:00:17	2007-03-25 02:17:37	panda_1258838	unknown	unknown
2	panda_1258837	UTA_SWT2 (OSG)	DONE	0	986	2007-03-24 05:37:54	2007-03-25 01:59:29	2007-03-25 02:16:53	panda_1258837	unknown	unknown
3	panda_1258836	UTA_SWT2 (OSG)	DONE	0	985	2007-03-24 05:37:54	2007-03-25 01:59:26	2007-03-25 02:17:50	panda_1258836	unknown	unknown
4	panda_1258835	UTA_SWT2 (OSG)	DONE	0	984	2007-03-24 05:37:54	2007-03-25 01:59:22	2007-03-25 02:17:44	panda_1258835	unknown	unknown
5	panda_1258834	UTA_SWT2 (OSG)	DONE	0	983	2007-03-24 05:37:54	2007-03-25 01:59:04	2007-03-25 02:16:25	panda_1258834	unknown	unknown
6	panda_1258833	UTA_SWT2 (OSG)	DONE	0	982	2007-03-24 05:37:54	2007-03-25 01:58:45	2007-03-25 02:16:05	panda_1258833	unknown	unknown
7	panda_1258832	UTA_SWT2 (OSG)	DONE	0	981	2007-03-24 05:37:54	2007-03-25 01:58:16	2007-03-25 02:15:36	panda_1258832	unknown	unknown
8	panda_1258831	UTA_SWT2 (OSG)	DONE	0	980	2007-03-24 05:37:54	2007-03-25 01:58:07	2007-03-25 02:15:27	panda_1258831	unknown	unknown
9	panda_1258830	UTA_SWT2 (OSG)	DONE	0	979	2007-03-24 05:37:54	2007-03-25 01:57:42	2007-03-25 02:15:02	panda_1258830	unknown	unknown
10	panda_1258789	UTA_SWT2 (OSG)	DONE	0	903	2007-03-24 05:37:53	2007-03-25 01:46:16	2007-03-25 02:04:37	panda_1258789	unknown	unknown
11	panda_1258788	UTA_SWT2 (OSG)	DONE	0	902	2007-03-24 05:37:53	2007-03-25 01:45:17	2007- 02:02		unknown	unknown
12	panda_1258785	UTA_SWT2 (OSG)	DONE	0	899	2007-03-24 05:37:53	2007-03-25 01:44:35	2007- 02:02		unknown	unknown
13	panda_1258784	UTA_SWT2 (OSG)	DONE	0	891	2007-03-24 05:37:53	2007-03-25 01:44:31	2007- 02:02		unknown	unknown
14	panda_1258781	UTA_SWT2 (OSG)	DONE	0	888	2007-03-24 05:37:53	2007-03-25 01:43:57	2007- 02:02		unknown	unknown
15	panda_1258780	UTA_SWT2 (OSG)	DONE	0	887	2007-03-24 05:37:53	2007-03-25 01:43:41	2007- 02:01:02	panda_1258780	unknown	unknown

status: 2007-03-25 02:04:37
first info: 2007-03-24 05:37:53
last info:2007-03-25 20:51:52
info: unknown

ATLAS

Job listings Per User

JOB SUMMARY

jobsummary

any user
ANALY_LONG_BNL_ATLAS (
any vosite
any ce
any submissiontool
any dataset
any application
any rb
analysis
OSG

unk pend run term
done canc abort g-unk
succ fail a-unk
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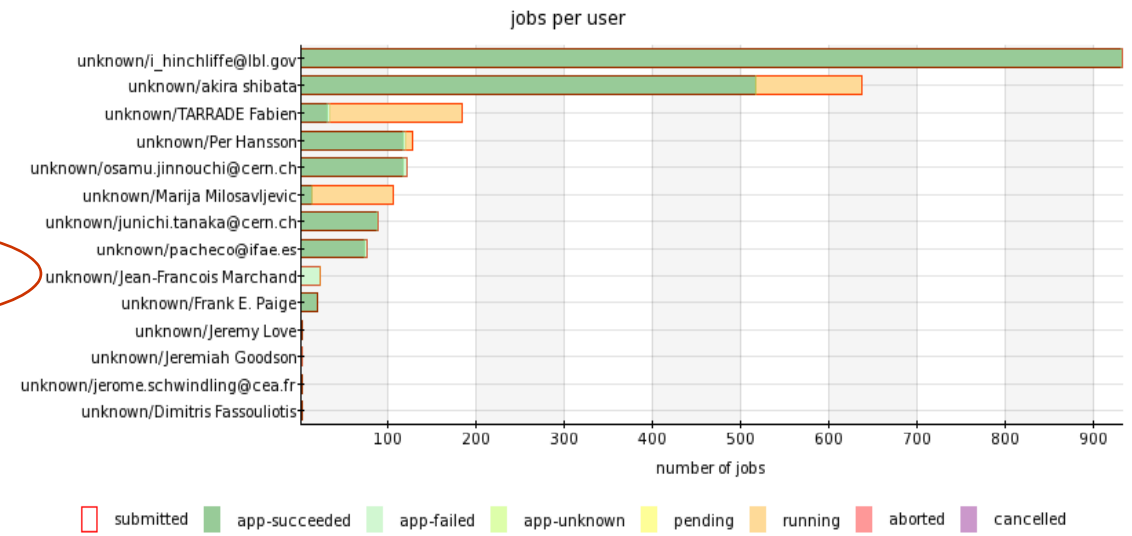
2007-03-21 04:52:35 to
2007-04-01 04:52:35

sort by user

bars in the plot

submit



	current status					grid exit status					application exit status				overall	
user↓	Sub	Unk	Pend	Run	Term	Done	Canc	Abort	Unk	Grid%	Succ	Fail	Unk	App%	D/S	Overall%
unknown/Dimitris Fassouliotis	2	0	0	0	2	2	0	0	0	100	2	0	0	100	2	100
unknown/Frank E. Paige	19	0	0	0	19	19	0	0	0	100	19	0	0	100	19	100
unknown/Jean-Francois Marchand	23	0	0	1	22	22	0	0	0	100	1	21	0	4.55	1	4.55
unknown/Jeremiah Goodson	2	0	0	0	2	2	0	0	0	100	1	1	0	50	1	50
unknown/Jeremy Love	2	0	0	0	2	2	0	0	0	100	2	0	0	100	2	100
unknown/Marija Milosavljevic	106	0	0	93	13	13	0	0	0	100	13	0	0	100	13	100
unknown/Per Hansson	128	0	0	9	119	119	0	0	0	100	116	3	0	97.48	116	97.48
unknown/TARRADE Fabien	183	0	0	149	34	34	0	0	0	100	30	4	0	88.24	30	88.24
unknown/akira shibata	637	0	0	120	517	517	0	0	0	100	516	1	0	99.81	516	99.81
unknown/i_hinchliffe@lbl.gov	933	0	0	0	933	439	0	0	494	100	930	3	0	99.68	439	47.05
unknown/jerome.schwindling@cea.fr	2	0	0	0	2	2	0	0	0	100	2	0	0	100	2	100
unknown/junichi.tanaka@cern.ch	88	0	0	0	88	26	0	0	62	100	87	1	0	98.86	26	29.55
unknown/osamu.jinnouchi@cern.ch	121	0	0	0	121	32	0	0	89	100	116	5	0	95.87	29	23.97
unknown/pacheco@ifae.es	76	0	0	0	76	0	0	0	76	0	73	3	0	96.05	0	0
total	*2322*	*0*	*0*	*372*	*1950*	*1229*	*0*	*0*	*721*	*100*	*1908*	*42*	*0*	*97.85*	*1196*	*61.33*

ATLAS

Future Work

- Currently looking into upgrading the MonALISA server machine at UTA.
- Will be working on using the Graphing tools available with MonALISA repository.
- Improving the error code diagnostics for the production jobs.
- Waiting for user feedback.
- Please try out the service at :

http://dashb-atlas-job.cern.ch/dashboard/request.py/jobsummary