

# BigPanDA Monitoring Tutorial

## User's point of view

Michal Svatoš

Institute of Physics, AS CR, v. v. i.

Shifters Jamboree/Tutorial  
4.12.2014

# Introduction

Lets start with a big thanks to BigPanda developers for great tasks/jobs monitoring tool located at:

<http://bigpanda.cern.ch>

## General points

- BigPanda is still in development ⇒ in some time, pages I will show can look differently
- Communication (Requests, problems,...):

ATLASPANDA JIRA tracker

(<https://its.cern.ch/jira/browse/ATLASPANDA>)

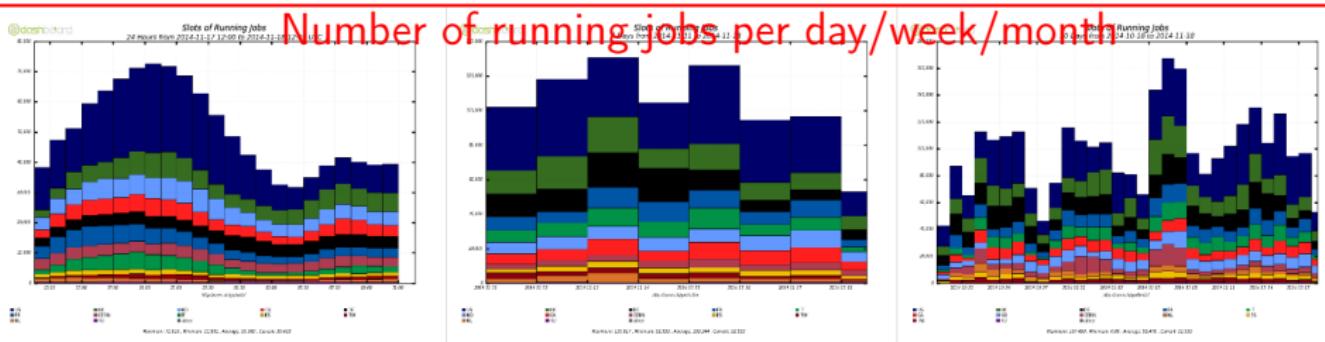
examples of pages on my slides are shown for production jobs/tasks. Structure of analysis page is identical or very similar

# Main page

ATLAS PanDA monitor    Dashboards    Tasks    Jobs    Errors    Users    Sites    Incidents    Search    Prodsys    Services    VO    Help

ATLAS PanDA monitor home    Generated 2014-11-18 12:33 UTC

## Menu



Search

PanDA job ID or name	<input type="text"/>	<input type="button" value="Submit"/>
Batch ID	<input type="text"/>	<input type="button" value="Submit"/>
Task ID	<input type="text"/>	<input type="button" value="Submit"/>
Task name	<input type="text"/>	<input type="button" value="Submit"/>

News

- 20141116: Task, job displays customized for event service
- 20141113: Dashboards show all (pre)active jobs, not just N hrs
- 20141113: Support URLs of form .../jobs/?pandaid=firstid,secondid,...
- 20141107: Task name search supports front and/or back wildcards
- 20141102: batchid search uses job\_id instead of single-job search
- 20141013: Support date\_from\_=2014-10-01&date\_to\_=2014-10-03
- 20141013: Support earlierthan=Nhours, earlierthandays=Ndays on URL
- 20141013: Filter duplicate jobs arising from archive transfer overlap
- 20141013: Include zero-job sites and test jobs in dashboards
- 20141013: Loffile links routed to Jarka's new filebrowser

# Main page

Tasks for campaign	<input type="text"/>	<input type="button" value="Submit"/>	<ul style="list-style-type: none"><li>• 20140103: Creator job links on job pages now work for ages up to a year</li><li>• 20140103: Task list depth on user pages shortened to 7 days for speed.</li><li>• 20140101: Job pages provide links to creator job search for input files</li><li>• 20140923: Job pages directly link to object store based log tarballs</li><li>• 20140913: Link DEFT request page from task list and detail pages</li><li>• 20140912: On task page highlight input containers, hide datasets by default</li><li>• 20140911: Task name search supports wildcarding</li><li>• 20140911: Show wait time, duration for jobs not yet running, completed</li><li>• 20140818: Job attempt# off for user page, JEDI jobs. Not meaningful in JEDI.</li><li>• 20140816: Task attribut summary added to user page</li><li>• 20140817: Output container list added to task detail page</li><li>• 20140817: Support clarified. Use PAST list, as ever, for dist analysis support</li><li>• 20140817: curl retrieval of json tasks list from monitor cut in the help</li><li>• 20140817: Merge (and other non-retry) jobs supported as a relationship type</li><li>• 20140816: Cache lifetime 3min for all pages, documented in footer. Report Issues</li><li>• 20140816: <a href="#">Restructured help with consolidated help page</a></li><li>• 20140815: Show prodsy1 taskname in error summary</li><li>• 20140814: Task summaries (huge and slow) removed from non-task dashboards</li><li>• 20140814: Task state names in task list, detail pages link to state doc</li><li>• 20140814: Task list in user pages brought up to date, with input completion</li><li>• 20140814: Wildcarding implemented for taskname in task lists</li><li>• 20140813: Works on mobile. Still tuning to do. Report bad issues please.</li><li>• 20140813: Add task searches for campaign, project, stream, tag</li><li>• 20140813: Add project, stream and tag summary info to task lists</li><li>• 20140813: Auto redirect pre-JEDI task detail pages to old monitor</li><li>• 20140813: Show in, out datasets on user pages and job lists</li><li>• 20140813: Fill state colors in dashboard task, job summary tables</li><li>• 20140813: Filled color in the status cells for job and task pages</li><li>• 20140812: Campaign added to task list and detail pages</li><li>• 20140812: Task pages use new DEFT-friendly 'superstatus'. See task page help.</li><li>• 20140812: Stalled task search added</li><li>• 20140812: Improved job listings on user pages (matching job lists)</li><li>• 20140801: Job name links in job lists</li><li>• 20140801: Finished/failed job counts and %failed added to task error summary</li><li>• 20140801: Dashboards for task-based analysis, production job summaries</li></ul>
Tasks for project	<input type="text"/>	<input type="button" value="Submit"/>	
Tasks for tag	<input type="text"/>	<input type="button" value="Submit"/>	
Tasks for stream	<input type="text"/>	<input type="button" value="Submit"/>	
Site	<input type="text"/>	<input type="button" value="Submit"/>	
User	<input type="text"/>	<input type="button" value="Submit"/>	
Dataset	<input type="text"/>	<input type="button" value="Submit"/>	
File	<input type="text"/>	<input type="button" value="Submit"/>	
Stalled jobs	in <input type="button" value="defined"/>	for over <input type="text"/> hours	<input type="button" value="Submit"/>
Stalled tasks	in <input type="button" value="registered"/>	for over <input type="text"/> hours	<input type="button" value="Submit"/>

Search

News

# Dashboard

Dashboard → Production jobs - Region view  
- task/job stats distribution per clouds/sites

ATLAS PanDA monitor													PanDA production dashboard, last 3 days			Generated 2014-11-18 14:02 UTC					
PanDA production dashboard, last 3 days		Region																			
All jobs		Region																			
Jobs in transferring state	Analysis jobs	CA	CERN	DE	ES	FR	IT	ND	NL	RU	TW	UK	US								
By home cloud	Production jobs - Cloud view	2	1	50	0	5	11	0	0	0	0	9	3								
By assigned (multi-cloud pro)	Production jobs - Region view	2	1	0	0	6	10	0	0	0	1	10	51								
production task summary																					
Working group jobs																					
Hover state name to see full name. Task state documentation																					
Cloud	nTask	reg	de	Analysis tasks	out	scld	run	prep	done	fail	finish	abrig	abrd	finishg	toprep	preprc	tobrok	broken	retry	incke	refine
	113	33	0	Production tasks	0	0	0	0	0	0	0	0	23	0	0	0	0	3	0	0	0
CA	334	0	0	0	0	0	7	0	8	0	101	13	0	1	26	0	0	178	0	0	0
CERN	126	0	0	0	0	0	0	82	0	39	0	4	0	1	0	0	0	0	0	0	0
DE	262	0	0	0	0	0	19	0	77	0	30	2	5	1	105	0	0	2	21	0	0
ES	119	0	0	0	0	2	1	0	9	0	49	11	0	0	11	0	0	36	0	0	0
FR	330	0	0	0	0	1	9	0	24	0	126	9	3	0	20	0	0	0	138	0	0
IT	301	0	0	0	0	0	7	0	8	0	78	1	3	0	16	0	0	0	188	0	0
ND	131	0	0	0	0	0	4	0	22	0	23	1	0	0	34	0	0	0	47	0	0
NL	86	0	0	0	0	0	3	0	13	0	35	0	0	0	14	0	0	0	21	0	0
TW	83	0	0	0	0	0	3	0	2	0	56	0	0	0	0	0	0	0	22	0	0
UK	435	0	0	0	0	0	32	0	69	0	68	8	0	13	47	0	0	0	198	0	0
US	241	0	0	0	0	0	13	0	25	0	90	10	3	0	12	0	0	0	88	0	0

Jobs in transferring state more than 36 hours

task summary by cloud, last 3 days

cloud/site summary of jobs ↓

# Dashboard

Dashboard→Working group jobs

- task/job stats distribution per Working group

ATLAS PanDA monitor																		
PanDA working group dashboard		task summary by group																
Working group task summary		see full name. Task state documentation																
Working group	nTask	prod	scout	scid	run	prep	done	fail	finish	abrtg	abrtid	finisng	toprep	preprc	tobrok	broken	retry	
AP_EXOT	60	1	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	
AP_Higgs	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
AP_REPR	36	0	0	1	0	8	0	0	0	16	0	0	0	0	4	0	0	
AP_TAUP	30	11	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	
AP_Top	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AP_VALI	35	2	0	1	0	7	0	0	3	0	0	0	0	0	1	0	0	
AP_physics	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
GP_DAPR	124	0	0	0	0	0	89	0	32	0	2	0	1	0	0	0	0	
GP_EXOT	55	0	0	0	0	0	36	0	18	0	1	0	0	0	0	0	0	
GP_HIGG	5	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	
GP_PHYS	1958	0	0	0	0	7	39	0	169	0	454	52	10	12	281	0	934	0
GP_STDM	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
GP_SUSY	150	0	0	0	0	0	0	10	0	136	2	2	0	0	0	0	0	
GP_TAUP	72	0	0	0	0	0	47	0	25	0	0	0	0	0	0	0	0	
GP_THLT	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	

job summary by group



# Dashboard

Dashboard → Production tasks

- task/job stats distribution per cloud/task

The screenshot shows the ATLAS Panda monitor interface. At the top, there's a navigation bar with links for Dashboards, Tasks, Jobs, Errors, Users, Sites, Incidents, and Search. Below the navigation bar is a sub-navigation for 'PanDA production dashboard' with links for All jobs, Production tasks, and Job status. On the right side of the header, it says 'Generated 2014-11-18 14:15 UTC'. The main content area has two tables.

**production task summary**

Cloud	nTask	req	over state name to see full name. <a href="#">Task state documentation</a>															
			tot	actid	nm	prep	done	fail	finisht	abrtg	abrd	finishtg	toprep	presys	lobreak	broken	rely	inuse
CA	334	0	0	8	101	13	0	1	26	0	0	0	0	3	0	0	0	
CERN	126	0	0	82	39	0	4	0	1	0	0	0	0	178	0	0	0	
DE	262	0	0	77	0	30	2	5	1	105	0	0	0	23	0	0	0	
ES	119	0	1	9	0	49	11	0	0	11	0	0	0	36	0	0	0	
FR	330	0	0	0	0	1	9	0	24	0	126	9	3	0	20	0	0	0
IT	301	0	0	0	0	0	0	7	0	8	0	79	1	3	0	16	0	0
ND	131	0	0	0	0	0	0	4	0	22	0	23	1	0	0	34	0	0
NL	86	0	0	0	0	0	0	3	0	13	0	35	0	0	0	14	0	0
TW	84	0	0	0	1	0	3	0	2	0	56	0	0	0	0	0	0	0
UK	435	0	0	0	0	0	32	0	69	0	68	8	0	0	13	47	0	0
US	241	0	0	0	0	0	13	0	24	1	90	10	3	0	12	0	0	88

**task summary by cloud, last 3 days**

**job summary for active tasks**

Job summary for 300 recently active production tasks. <a href="#">display_limit=300</a>	Status	nJobs	defined	waiting	assigned	throttled	activated	sent	starting	running	holding	transferring	finished	failed	cancelled	% failed
mc14_BTeV.159114.Harwigpp_EE3CTEGRL1_jetjet_JZ4W.recon.e1373_s1933_s1911_r5591.task	800	0	0	0	0	0	0	0	0	2	0	10	785	3	0	0
mc14_BTeV.167741.Sherpa_CT10_WenuMassiveCBP10_CJetFilterBVeto.recon.e1565_s1933_s1911_r5591.task	1503	0	0	0	0	0	19	0	0	0	0	140	1338	6	0	0
mc14_BTeV.167749.Sherpa_CT10_ZewMassiveCBP0_BFilter.recon.e1565_s1933_s1911_r5591.task	807	0	0	0	0	0	0	0	0	0	0	0	799	8	0	0
mc14_BTeV.167806.Sherpa_CT10_ZnumMassiveCBP70_140_BFilter.recon.e1620_s1933_s1911_r5591.task	600	0	0	0	0	0	14	0	0	1	0	24	560	1	0	0
mc14_BTeV.167831.Sherpa_CT10_ZnumMassiveCBP280_500_CFilterBVeto.recon.e1714_s1933_s1911_r5591.task	10	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0
mc14_BTeV.167832.Sherpa_CT10_ZnumMassiveCBP280_500_CVetoBVeto.recon.e1714_s1933_s1911_r5591.task	830	0	0	14	0	0	24	0	6	21	2	27	646	90	0	12
mc14_BTeV.159122.Pythia8_AU2CTEQ6L1_gammajet_binned80.recon.e1407_s1933_s1911_r5591.task	1004	0	0	0	0	0	56	0	0	4	1	12	922	9	0	0
mc14_BTeV.159124.Pythia8_AU2CTEQ6L1_gammajet_binned300.recon.e1407_s1933_s1911_r5591.task	1001	0	0	0	0	0	0	0	0	0	0	1	996	4	0	0

# Tasks

## Tasks→Production

- type, campaign, group, used, efficiency, priority, timing,...

ATLAS PanDA monitor   Dashboards   Tasks   Jobs   Errors   Users   Sites   Incidents   Search   Prodsys   Services   VO   Help   Generated 2014-11-25 16:08 UTC

PanDA JEDI task list, last 12 hours (limit 6000 per type)

All   limit=6000

Task attribute summary, 2241 tasks	
campaign (5)	mc11c (5) MC12b (7) mc11d (1) mc11e (1) mc11f (1)
cloud (11)	CA (153) CERN (228) DE (1) FR (187) IT (141) NL (84) ND (81) TW (69) UK (286) US (257)
corecount (3)	1 (2076) 4 (27) 8 (138)
workinggroup (20)	AP_EXOT (86) AP_HIGG (217) AP_Higgs (3) AP_physics (1) AP_REPR (82) AP_STDM (66) AP_SUSY (192) AP_TAUP (46) AP_Top (4) AP_VALI (51) GP_DAPR (206) GP_EXOT (74) GP_FTAG (4) GP_HIGG (16) GP_PHYS (601) GP_STDM (47) GP_SUSY (202) GP_TAUP (71) GP_THLT (17) GP_TOPQ (228)

Analysis   Production   Event service

## task attribute summary

2241 tasks, sorted by jeditaskid										
ID Parent	tasks details					Task status <small>Nfiles</small>	Input files <small>finish% fail% Nfinish Nfail</small>	Modified	State changed	Priority
	Task name	TaskType/ProcessingType	Campaign	Group	User					
4452307	ced40adf-6147-442d-8bb4-d922959cd22d	prod/simul test1	AP_Higgs	pandasrv1	JIRA	done 12	100% 12	2014-11-25 16:08	11-25 16:08	9002
4452115 4452114	mc14_13TeV.204641.MadGraphPythia_AUET2BCTEQ6L1_SM_GG_onestepCC_1865_945_25.merge.e3313_a266_a265_r5853	prod/merge	MC14a	AP_SUSY	mehlhase JIRA RequestID:1147	registered		2014-11-25 15:31	11-25 15:31	820
4452114 4452113	mc14_13TeV.204641.MadGraphPythia_AUET2BCTEQ6L1_SM_GG_onestepCC_1865_945_25.recon.e3313_a266_a265	prod/recon	MC14a	AP_SUSY	mehlhase JIRA RequestID:1147	registered		2014-11-25 15:31	11-25 15:31	540
4452113 4452111	mc14_13TeV.204641.MadGraphPythia_AUET2BCTEQ6L1_SM_GG_onestepCC_1865_945_25.simul.e3313_a266	prod/simul	MC14a	AP_SUSY	mehlhase JIRA RequestID:1147	registered		2014-11-25 15:31	11-25 15:31	130

## Jobs

## Jobs → Production

ATLAS PanDA monitor Dashboards Tasks Jobs Errors Users Sites Incidents Search Prodsys Services VO Help

PanDA jobs, last 12 hours (limit 6000 per table). Params: limit=6000

Generated 2014-11-25 16:39 UTC

16465 jobs in this selection

Job modification times in this listing range from 2014-04-11 to 2014-11-25 16:39.

Job current priorities in this listing range from 120 to 1.

Change in the job attribute summary to see how priorities are distributed.

Job attribute summary Sort by count, alpha

All

Analysis

Production

Group production

Event service

Test

	Count	Priority
atlasrelease (21)	Atlas-16.6.7 (440) Atlas-17.0.6 (1) Atlas-17.2.5 (2) Atlas-17.2.6 (12) Atlas-19.1.X.Y-VAL-AtlasDerivation (1) A	1 (2256) 2 (17) 3 (4357) 4 (38) 5 (1195) 6 (14) 7 (19) 8 (1210) 9 (17.4) 10 (19.0.3) 11 (19.1.1) 12 (19.1.4) 13 (19.2.2) 14 (19.2.14) 15 (19.3.10) 16 (19.5.0) 17 (19.7.3) 18 (19.9.0.3) 19 (19.11.1) 20 (19.12.1) 21 (19.13.1) 22 (19.14.1) 23 (19.15.1) 24 (19.16.1) 25 (19.17.1) 26 (19.18.1) 27 (19.19.1) 28 (19.20.1) 29 (19.21.1) 30 (19.22.1) 31 (19.23.1) 32 (19.24.1) 33 (19.25.1) 34 (19.26.1) 35 (19.27.1) 36 (19.28.1) 37 (19.29.1) 38 (19.30.1) 39 (19.31.1) 40 (19.32.1) 41 (19.33.1) 42 (19.34.1) 43 (19.35.1) 44 (19.36.1) 45 (19.37.1) 46 (19.38.1) 47 (19.39.1) 48 (19.40.1) 49 (19.41.1) 50 (19.42.1) 51 (19.43.1) 52 (19.44.1) 53 (19.45.1) 54 (19.46.1) 55 (19.47.1) 56 (19.48.1) 57 (19.49.1) 58 (19.50.1) 59 (19.51.1) 60 (19.52.1) 61 (19.53.1) 62 (19.54.1) 63 (19.55.1) 64 (19.56.1) 65 (19.57.1) 66 (19.58.1) 67 (19.59.1) 68 (19.60.1) 69 (19.61.1) 70 (19.62.1) 71 (19.63.1) 72 (19.64.1) 73 (19.65.1) 74 (19.66.1) 75 (19.67.1) 76 (19.68.1) 77 (19.69.1) 78 (19.70.1) 79 (19.71.1) 80 (19.72.1) 81 (19.73.1) 82 (19.74.1) 83 (19.75.1) 84 (19.76.1) 85 (19.77.1) 86 (19.78.1) 87 (19.79.1) 88 (19.80.1) 89 (19.81.1) 90 (19.82.1) 91 (19.83.1) 92 (19.84.1) 93 (19.85.1) 94 (19.86.1) 95 (19.87.1) 96 (19.88.1) 97 (19.89.1) 98 (19.90.1) 99 (19.91.1) 100 (19.92.1) 101 (19.93.1) 102 (19.94.1) 103 (19.95.1) 104 (19.96.1) 105 (19.97.1) 106 (19.98.1) 107 (19.99.1) 108 (19.100.1) 109 (19.101.1) 110 (19.102.1) 111 (19.103.1) 112 (19.104.1) 113 (19.105.1) 114 (19.106.1) 115 (19.107.1) 116 (19.108.1) 117 (19.109.1) 118 (19.110.1) 119 (19.111.1) 120 (19.112.1) 121 (19.113.1) 122 (19.114.1) 123 (19.115.1) 124 (19.116.1) 125 (19.117.1) 126 (19.118.1) 127 (19.119.1) 128 (19.120.1) 129 (19.121.1) 130 (19.122.1) 131 (19.123.1) 132 (19.124.1) 133 (19.125.1) 134 (19.126.1) 135 (19.127.1) 136 (19.128.1) 137 (19.129.1) 138 (19.130.1) 139 (19.131.1) 140 (19.132.1) 141 (19.133.1) 142 (19.134.1) 143 (19.135.1) 144 (19.136.1) 145 (19.137.1) 146 (19.138.1) 147 (19.139.1) 148 (19.140.1) 149 (19.141.1) 150 (19.142.1) 151 (19.143.1) 152 (19.144.1) 153 (19.145.1) 154 (19.146.1) 155 (19.147.1) 156 (19.148.1) 157 (19.149.1) 158 (19.150.1) 159 (19.151.1) 160 (19.152.1) 161 (19.153.1) 162 (19.154.1) 163 (19.155.1) 164 (19.156.1) 165 (19.157.1) 166 (19.158.1) 167 (19.159.1) 168 (19.160.1) 169 (19.161.1) 170 (19.162.1) 171 (19.163.1) 172 (19.164.1) 173 (19.165.1) 174 (19.166.1) 175 (19.167.1) 176 (19.168.1) 177 (19.169.1) 178 (19.170.1) 179 (19.171.1) 180 (19.172.1) 181 (19.173.1) 182 (19.174.1) 183 (19.175.1) 184 (19.176.1) 185 (19.177.1) 186 (19.178.1) 187 (19.179.1) 188 (19.180.1) 189 (19.181.1) 190 (19.182.1) 191 (19.183.1) 192 (19.184.1) 193 (19.185.1) 194 (19.186.1) 195 (19.187.1) 196 (19.188.1) 197 (19.189.1) 198 (19.190.1) 199 (19.191.1) 200 (19.192.1) 201 (19.193.1) 202 (19.194.1) 203 (19.195.1) 204 (19.196.1) 205 (19.197.1) 206 (19.198.1) 207 (19.199.1) 208 (19.200.1) 209 (19.201.1) 210 (19.202.1) 211 (19.203.1) 212 (19.204.1) 213 (19.205.1) 214 (19.206.1) 215 (19.207.1) 216 (19.208.1) 217 (19.209.1) 218 (19.210.1) 219 (19.211.1) 220 (19.212.1) 221 (19.213.1) 222 (19.214.1) 223 (19.215.1) 224 (19.216.1) 225 (19.217.1) 226 (19.218.1) 227 (19.219.1) 228 (19.220.1) 229 (19.221.1) 230 (19.222.1) 231 (19.223.1) 232 (19.224.1) 233 (19.225.1) 234 (19.226.1) 235 (19.227.1) 236 (19.228.1) 237 (19.229.1) 238 (19.230.1) 239 (19.231.1) 240 (19.232.1) 241 (19.233.1) 242 (19.234.1) 243 (19.235.1) 244 (19.236.1) 245 (19.237.1) 246 (19.238.1) 247 (19.239.1) 248 (19.240.1) 249 (19.241.1) 250 (19.242.1) 251 (19.243.1) 252 (19.244.1) 253 (19.245.1) 254 (19.246.1) 255 (19.247.1) 256 (19.248.1) 257 (19.249.1) 258 (19.250.1) 259 (19.251.1) 260 (19.252.1) 261 (19.253.1) 262 (19.254.1) 263 (19.255.1) 264 (19.256.1) 265 (19.257.1) 266 (19.258.1) 267 (19.259.1) 268 (19.260.1) 269 (19.261.1) 270 (19.262.1) 271 (19.263.1) 272 (19.264.1) 273 (19.265.1) 274 (19.266.1) 275 (19.267.1) 276 (19.268.1) 277 (19.269.1) 278 (19.270.1) 279 (19.271.1) 280 (19.272.1) 281 (19.273.1) 282 (19.274.1) 283 (19.275.1) 284 (19.276.1) 285 (19.277.1) 286 (19.278.1) 287 (19.279.1) 288 (19.280.1) 289 (19.281.1) 290 (19.282.1) 291 (19.283.1) 292 (19.284.1) 293 (19.285.1) 294 (19.286.1) 295 (19.287.1) 296 (19.288.1) 297 (19.289.1) 298 (19.290.1) 299 (19.291.1) 300 (19.292.1) 301 (19.293.1) 302 (19.294.1) 303 (19.295.1) 304 (19.296.1) 305 (19.297.1) 306 (19.298.1) 307 (19.299.1) 308 (19.300.1) 309 (19.301.1) 310 (19.302.1) 311 (19.303.1) 312 (19.304.1) 313 (19.305.1) 314 (19.306.1) 315 (19.307.1) 316 (19.308.1) 317 (19.309.1) 318 (19.310.1) 319 (19.311.1) 320 (19.312.1) 321 (19.313.1) 322 (19.314.1) 323 (19.315.1) 324 (19.316.1) 325 (19.317.1) 326 (19.318.1) 327 (19.319.1) 328 (19.320.1) 329 (19.321.1) 330 (19.322.1) 331 (19.323.1) 332 (19.324.1) 333 (19.325.1) 334 (19.326.1) 335 (19.327.1) 336 (19.328.1) 337 (19.329.1) 338 (19.330.1) 339 (19.331.1) 340 (19.332.1) 341 (19.333.1) 342 (19.334.1) 343 (19.335.1) 344 (19.336.1) 345 (19.337.1) 346 (19.338.1) 347 (19.339.1) 348 (19.340.1) 349 (19.341.1) 350 (19.342.1) 351 (19.343.1) 352 (19.344.1) 353 (19.345.1) 354 (19.346.1) 355 (19.347.1) 356 (19.348.1) 357 (19.349.1) 358 (19.350.1) 359 (19.351.1) 360 (19.352.1) 361 (19.353.1) 362 (19.354.1) 363 (19.355.1) 364 (19.356.1) 365 (19.357.1) 366 (19.358.1) 367 (19.359.1) 368 (19.360.1) 369 (19.361.1) 370 (19.362.1) 371 (19.363.1) 372 (19.364.1) 373 (19.365.1) 374 (19.366.1) 375 (19.367.1) 376 (19.368.1) 377 (19.369.1) 378 (19.370.1) 379 (19.371.1) 380 (19.372.1) 381 (19.373.1) 382 (19.374.1) 383 (19.375.1) 384 (19.376.1) 385 (19.377.1) 386 (19.378.1) 387 (19.379.1) 388 (19.380.1) 389 (19.381.1) 390 (19.382.1) 391 (19.383.1) 392 (19.384.1) 393 (19.385.1) 394 (19.386.1) 395 (19.387.1) 396 (19.388.1) 397 (19.389.1) 398 (19.390.1) 399 (19.391.1) 400 (19.392.1) 401 (19.393.1) 402 (19.394.1) 403 (19.395.1) 404 (19.396.1) 405 (19.397.1) 406 (19.398.1) 407 (19.399.1) 408 (19.400.1) 409 (19.401.1) 410 (19.402.1) 411 (19.403.1) 412 (19.404.1) 413 (19.405.1) 414 (19.406.1) 415 (19.407.1) 416 (19.408.1) 417 (19.409.1) 418 (19.410.1) 419 (19.411.1) 420 (19.412.1) 421 (19.413.1) 422 (19.414.1) 423 (19.415.1) 424 (19.416.1) 425 (19.417.1) 426 (19.418.1) 427 (19.419.1) 428 (19.420.1) 429 (19.421.1) 430 (19.422.1) 431 (19.423.1) 432 (19.424.1) 433 (19.425.1) 434 (19.426.1) 435 (19.427.1) 436 (19.428.1) 437 (19.429.1) 438 (19.430.1) 439 (19.431.1) 440 (19.432.1) 441 (19.433.1) 442 (19.434.1) 443 (19.435.1) 444 (19.436.1) 445 (19.437.1) 446 (19.438.1) 447 (19.439.1) 448 (19.440.1) 449 (19.441.1) 450 (19.442.1) 451 (19.443.1) 452 (19.444.1) 453 (19.445.1) 454 (19.446.1) 455 (19.447.1) 456 (19.448.1) 457 (19.449.1) 458 (19.450.1) 459 (19.451.1) 460 (19.452.1) 461 (19.453.1) 462 (19.454.1) 463 (19.455.1) 464 (19.456.1) 465 (19.457.1) 466 (19.458.1) 467 (19.459.1) 468 (19.460.1) 469 (19.461.1) 470 (19.462.1) 471 (19.463.1) 472 (19.464.1) 473 (19.465.1) 474 (19.466.1) 475 (19.467.1) 476 (19.468.1) 477 (19.469.1) 478 (19.470.1) 479 (19.471.1) 480 (19.472.1) 481 (19.473.1) 482 (19.474.1) 483 (19.475.1) 484 (19.476.1) 485 (19.477.1) 486 (19.478.1) 487 (19.479.1) 488 (19.480.1) 489 (19.481.1) 490 (19.482.1) 491 (19.483.1) 492 (19.484.1) 493 (19.485.1) 494 (19.486.1) 495 (19.487.1) 496 (19.488.1) 497 (19.489.1) 498 (19.490.1) 499 (19.491.1) 500 (19.492.1) 501 (19.493.1) 502 (19.494.1) 503 (19.495.1) 504 (19.496.1) 505 (19.497.1) 506 (19.498.1) 507 (19.499.1) 508 (19.500.1) 509 (19.501.1) 510 (19.502.1) 511 (19.503.1) 512 (19.504.1) 513 (19.505.1) 514 (19.506.1) 515 (19.507.1) 516 (19.508.1) 517 (19.509.1) 518 (19.510.1) 519 (19.511.1) 520 (19.512.1) 521 (19.513.1) 522 (19.514.1) 523 (19.515.1) 524 (19.516.1) 525 (19.517.1) 526 (19.518.1) 527 (19.519.1) 528 (19.520.1) 529 (19.521.1) 530 (19.522.1) 531 (19.523.1) 532 (19.524.1) 533 (19.525.1) 534 (19.526.1) 535 (19.527.1) 536 (19.528.1) 537 (19.529.1) 538 (19.530.1) 539 (19.531.1) 540 (19.532.1) 541 (19.533.1) 542 (19.534.1) 543 (19.535.1) 544 (19.536.1) 545 (19.537.1) 546 (19.538.1) 547 (19.539.1) 548 (19.540.1) 549 (19.541.1) 550 (19.542.1) 551 (19.543.1) 552 (19.544.1) 553 (19.545.1) 554 (19.546.1) 555 (19.547.1) 556 (19.548.1) 557 (19.549.1) 558 (19.550.1) 559 (19.551.1) 560 (19.552.1) 561 (19.553.1) 562 (19.554.1) 563 (19.555.1) 564 (19.556.1) 565 (19.557.1) 566 (19.558.1) 567 (19.559.1) 568 (19.560.1) 569 (19.561.1) 570 (19.562.1) 571 (19.563.1) 572 (19.564.1) 573 (19.565.1) 574 (19.566.1) 575 (19.567.1) 576 (19.568.1) 577 (19.569.1) 578 (19.570.1) 579 (19.571.1) 580 (19.572.1) 581 (19.573.1) 582 (19.574.1) 583 (19.575.1) 584 (19.576.1) 585 (19.577.1) 586 (19.578.1) 587 (19.579.1) 588 (19.580.1) 589 (19.581.1) 590 (19.582.1) 591 (19.583.1) 592 (19.584.1) 593 (19.585.1) 594 (19.586.1) 595 (19.587.1) 596 (19.588.1) 597 (19.589.1) 598 (19.590.1) 599 (19.591.1) 600 (19.592.1) 601 (19.593.1) 602 (19.594.1) 603 (19.595.1) 604 (19.596.1) 605 (19.597.1) 606 (19.598.1) 607 (19.599.1) 608 (19.600.1) 609 (19.601.1) 610 (19.602.1) 611 (19.603.1) 612 (19.604.1) 613 (19.605.1) 614 (19.606.1) 615 (19.607.1) 616 (19.608.1) 617 (19.609.1) 618 (19.610.1) 619 (19.611.1) 620 (19.612.1) 621 (19.613.1) 622 (19.614.1) 623 (19.615.1) 624 (19.616.1) 625 (19.617.1) 626 (19.618.1) 627 (19.619.1) 628 (19.620.1) 629 (19.621.1) 630 (19.622.1) 631 (19.623.1) 632 (19.624.1) 633 (19.625.1) 634 (19.626.1) 635 (19.627.1) 636 (19.628.1) 637 (19.629.1) 638 (19.630.1) 639 (19.631.1) 640 (19.632.1) 641 (19.633.1) 642 (19.634.1) 643 (19.635.1) 644 (19.636.1) 645 (19.637.1) 646 (19.638.1) 647 (19.639.1) 648 (19.640.1) 649 (19.641.1) 650 (19.642.1) 651 (19.643.1) 652 (19.644.1) 653 (19.645.1) 654 (19.646.1) 655 (19.647.1) 656 (19.648.1) 657 (19.649.1) 658 (19.650.1) 659 (19.651.1) 660 (19.652.1) 661 (19.653.1) 662 (19.654.1) 663 (19.655.1) 664 (19.656.1) 665 (19.657.1) 666 (19.658.1) 667 (19.659.1) 668 (19.660.1) 669 (19.661.1) 670 (19.662.1) 671 (19.663.1) 672 (19.664.1) 673 (19.665.1) 674 (19.666.1) 675 (19.667.1) 676 (19.668.1) 677 (19.669.1) 678 (19.670.1) 679 (19.671.1) 680 (19.672.1) 681 (19.673.1) 682 (19.674.1) 683 (19.675.1) 684 (19.676.1) 685 (19.677.1) 686 (19.678.1) 687 (19.679.1) 688 (19.680.1) 689 (19.681.1) 690 (19.682.1) 691 (19.683.1) 692 (19.684.1) 693 (19.685.1) 694 (19.686.1) 695 (19.687.1) 696 (19.688.1) 697 (19.689.1) 698 (19.690.1) 699 (19.691.1) 700 (19.692.1) 701 (19.693.1) 702 (19.694.1) 703 (19.695.1) 704 (19.696.1) 705 (19.697.1) 706 (19.698.1) 707 (19.699.1) 708 (19.700.1) 709 (19.701.1) 710 (19.702.1) 711 (19.703.1) 712 (19.704.1) 713 (19.705.1) 714 (19.706.1) 715 (19.707.1) 716 (19.708.1) 717 (19.709.1) 718 (19.710.1) 719 (19.711.1) 720 (19.712.1) 721 (19.713.1) 722 (19.714.1) 723 (19.715.1) 724 (19.716.1) 725 (19.717.1) 726 (19.718.1) 727 (19.719.1) 728 (19.720.1) 729 (19.721.1) 730 (19.722.1) 731 (19.723.1) 732 (19.724.1) 733 (19.725.1) 734 (19.726.1) 735 (19.727.1) 736 (19.728.1) 737 (19.729.1) 738 (19.730.1) 739 (19.731.1) 740 (19.732.1) 741 (19.733.1) 742 (19.734.1) 743 (19.735.1) 744 (19.736.1) 745 (19.737.1) 746 (19.738.1) 747 (19.739.1) 748 (19.740.1) 749 (19.741.1) 750 (19.742.1) 751 (19.743.1) 752 (19.744.1) 753 (19.745.1) 754 (19.746.1) 755 (19.747.1) 756 (19.748.1) 757 (19.749.1) 758 (19.750.1) 759 (19.751.1) 760 (19.752.1) 761 (19.753.1) 762 (19.754.1) 763 (19.755.1) 764 (19.756.1) 765 (19.757.1) 766 (19.758.1) 767 (19.759.1) 768 (19.760.1) 769 (19.761.1) 770 (19.762.1) 771 (19.763.1) 772 (19.764.1) 773 (19.765.1) 774 (19.766.1) 775 (19.767.1) 776 (19.768.1) 777 (19.769.1) 778 (19.770.1) 779 (19.771.1) 780 (19.772.1) 781 (19.773.1) 782 (19.774.1) 783 (19.775.1) 784 (19.776.1) 785 (19.777.1) 786 (19.778.1) 787 (19.779.1) 788 (19.780.1) 789 (19.781.1) 790 (19.782.1) 791 (19.783.1) 792 (19.784.1) 793 (19.785.1) 794 (19.786.1) 795 (19.787.1) 796 (19.788.1) 797 (19.789.1) 798 (19.790.1) 799 (19.791.1) 800 (19.792.1) 801 (19.793.1) 802 (19.794.1) 803 (19.795.1) 804 (19.796.1) 805 (19.797.1) 806 (19.798.1) 807 (19.799.1) 808 (19.800.1) 809 (19.801.1) 810 (19.802.1) 811 (19.803.1) 812 (19.804.1) 813 (19.805.1) 814 (19.806.1) 815 (19.807.1) 816 (19.808.1) 817 (19.809.1) 818 (19.810.1) 819 (19.811.1) 820 (19.812.1) 821 (19.813.1) 822 (19.814.1) 823 (19.815.1) 824 (19.816.1) 825 (19.817.1) 826 (19.818.1) 827 (19.819.1) 828 (19.820.1) 829 (19.821.1) 830 (19.822.1) 831 (19.823.1) 832 (19.824.1) 833 (19.825.1) 834 (19.826.1) 835 (19.827.1) 836 (19.828.1) 837 (19.829.1) 838 (19.830.1) 839 (19.831.1) 840 (19.832.1) 841 (19.833.1) 842 (19.834.1) 843 (19.835.1) 844 (19.836.1) 845 (19.837.1) 846 (19.838.1) 847 (19.839.1) 848 (19.840.1) 849 (19.841.1) 850 (19.842.1) 851 (19.843.1) 852 (19.844.1) 853 (19.845.1) 854 (19.846.1) 855 (19.847.1) 856 (19.848.1) 857 (19.849.1) 858 (19.850.1) 859 (19.851.1) 860 (19.852.1) 861 (19.853.1) 862 (19.854.1) 863 (19.855.1) 864 (19.856.1) 865 (19.857.1) 866 (19.858.1) 867 (19.859.1) 868 (19.860.1) 869 (19.861.1) 870 (19.862.1) 871 (19.863.1) 872 (19.864.1) 873 (19.865.1) 874 (19.866.1) 875 (19.867.1) 876 (19.868.1) 877 (19.8

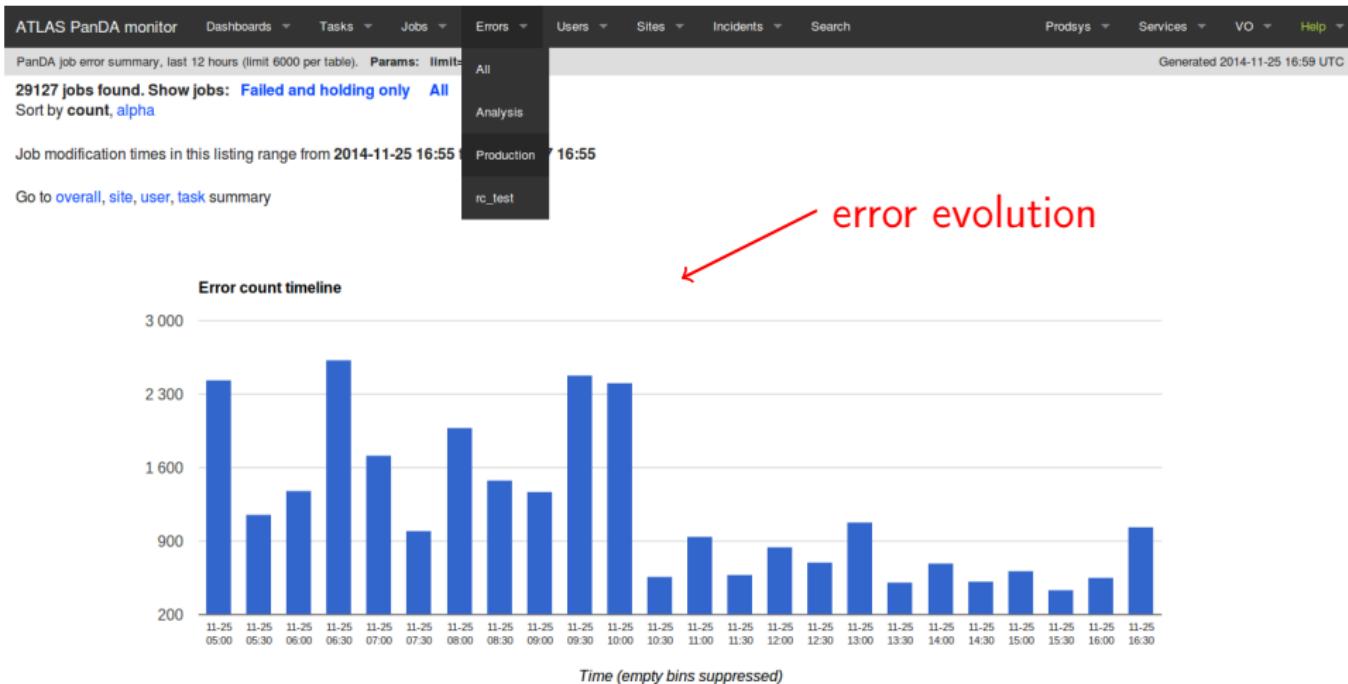
# Errors

this page shows

- plots of error distribution in time
- attribute summary of failing jobs
- error summary sorted by
  - error code
  - site
  - user
  - task ID and name

# Errors

## Errors→Production



## Errors

<https://twiki.cern.ch/twiki/bin/viewauth/AtlasComputing/PandaErrorCodes>

attribute summary of failing jobs																																			
cloud (12)	CA (382)	CERN (476)	DE (1507)	ES (392)	FR (11434)	IT (2400)	ND (865)	NL (1450)	RU (108)	TW (356)	UK (2688)	US (7069)																							
workinggroup (26)	AGI_T2_MOCRE (55)	AGI_T2_SIA (105)	AMALIAVERBURI (14)	ANALY_CERN_SLC (9)	ANALY_CPPM (9)	ANALY_CSNS (11)	ANALY_CVET (1)	ANALY_EHERIBURG (20)	ANALY_E711 (1)	AP_BPhysics (2)	AP_Btagging (108)	AP_Egamma (415)	AP_EXUL (1011)	AP_Exotics (105)	AP_Generators (14)	AP_HIGG (253)	AP_HeavyIon (31)	AP_Higgs (232)	AP_JetEMllmiss (148)	AP_Physics (98)	AP_PRCR (115)	AP_SM (874)	AP_STDM (4)	AP_SUSY (166)	AP_Susy (33)	AP_TAUP (13)	AP_VALID (6)	AP_Validation (6886)	GP_EXOT (6)	GP_FTAG (57)	GP_HIGG (5)	GP_PHYS (148)	GP_STDM (348)	GP_SUSY (3)	GP_TOPQ (260)

Overall error summary		
Category:code	Nerrors	Sample error description
ddm:101	10566	GUID for HITS.01498150_000066.pool.root.1 not found in DQ2
ddm:200	30	Could not add files to DDM: dq2.repository.DQRepositoryException.DQDatasetExistsException : [USER][OTHER] The dataset mc14_valid_158740.Pythia8_AU2CTEQ6L1_DYtautau_2000M2250.simul.log.e2658_s1967_tid1600974_00_sub0191659342 already exists!
exe:-1	49	LRMS error: (271) SGE job state was Eqw. LRMS error message was: 11/25/2014 06:56:36 [10102-25834]: error: can't chdir to /home/atlasprod002: No such file or directory
exe:10010	72	ATH_COREDUMP   "Core dump from CoreDumpSvc on acas1304.usatlas.bnl.gov at Tue Nov 25 11:52:33 2014"   "Caught signal 11(Segmentation fault). Details."   *** Break *** segmentation violation"
exe:24	23	LRMS error: (24) Job exceeded time limit.
exe:61200	281	TRF_SVRINIT   "Unable to read requested LHE file: events.lhe !!"   "Pythia 8 initialisation will FAIL!"   *** Unable to initialise Pythia !! ***   "Could not initialize generator properly"   "Unable to initialize Algorithm Pythia8"   "Unable to ini
exe:69999	231	TRF_UNKNOWN   "out of memory: saving summary ..."   "Standard std::exception is caught"   "std::bad_alloc"   "Standard std::exception is caught"   "std::bad_alloc"   "Standard std::exception is caught"   "std::bad_alloc"

# Errors

<https://twiki.cern.ch/twiki/bin/viewauth/AtlasComputing/PandaErrorCodes>

transformation:6	3	TRF_SEGVIO - Segmentation violation
transformation:65	3	Non-zero exit code from transform substep executor
transformation:67	3	Transform substep executor timed out
transformation:74	5	Input file failed validation
transformation:9	14	Error found with transform input file
transformation:99	267	TRF_UNKNOWN - unknown transformation error

error summary sorted by error code

Site error summary		
error summary sorted by site/queue		
	10171	Total errors in 10171 jobs. Finished: 0 Failed: 10171 % failed: 100 Holding: 0 Cancelled: 20
	10171	ddm:101 GUID for HITS.01230600_001647.pool.root not found in DQ2
AGLT2_MCORE	25	Total errors in 52 jobs. Finished: 90 Failed: 55 % failed: 37 Holding: 0 Cancelled: 0
	25	pilot:1201 Job killed by signal 15: Signal handler has set job result to FAILED, ec = 1201
AGLT2_SL6	408	Total errors in 495 jobs. Finished: 287 Failed: 470 % failed: 62 Holding: 25 Cancelled: 2
	274	jobdispatcher:100 lost heartbeat : 2014-11-24 22:56:07
	1	pilot:1187 Exception caught in runJob: Expecting object: line 135 column 26 (char 5184). Traceback (most recent call last): File "RunJob.py", line 1285, in <module> res, job, getstatusoutput,_was_interrupted, current_job_number = runJob.executePayload(this
	131	pilot:1201 Job killed by signal 15: Signal handler has set job result to FAILED, ec = 1201
	2	transformation:1 Unspecified error, consult log file
AM-04-YERPHI	4	Total errors in 4 jobs. Finished: 30 Failed: 4 % failed: 11 Holding: 0 Cancelled: 2
	4	jobdispatcher:100 lost heartbeat : 2014-11-25 08:02:34
ANALY_CERN_SLC6	3	Total errors in 3 jobs. Finished: Failed: % failed: Holding: Cancelled:

# Errors

	2	pilot:1137 (failed to remove file) Using grid catalog type: UNKNOWN Using grid catalog : (null) VO name: atlas Checksum type: None Destination SE type: SRMv2 Destination SRM Request Token: -1718464628 Source URL: file:///tmp/4169160.1.atlas-himem.q/condorg_N3wZsH
	13	pilot:1168 Get error: Too many/too large input files. Total file size 15390949229 B > 15032385536 B
	6	pilot:1187 Exception caught in runJob: Expecting object: line 135 column 26 (char 5119). Traceback (most recent call last): File "RunJob.py", line 1285, in <module> res, job, getstatusoutput,_was_interrupted, current_job_number = runJob.executePayload(this
	6	pilot:1212 TRF_UNKNOWN   "out of memory: saving summary ..."   "Standard std::exception is caught"   "std::bad_alloc"   "Standard std::exception is caught"   "std::bad_alloc"   "Standard std::exception is caught"   "std::bad_alloc"
wuppertalprod_MCORE	29	Total errors in 61 jobs. Finished: 81 Failed: 61 % failed: 42 Holding: 0 Cancelled: 0
	20	ddm:101 GUID for HITS.01498150...000066.pool.root.1 not found in DQ2
	9	pilot:1099 Get error: Staging input file failed <b>error summary sorted by site/queue</b>

## User error summary

		Total errors
Carl.Bryan.Gwilliam@cern.ch	1041	<b>error summary sorted by user</b>
	1	exe:-1 Failed in data staging: Failed writing to destination: file:/users/hep/grid/session/EmkMDmvVGDi13Rnamo7vSEmABFKDmABFKDma1NKDmABFKDmtHYEcm/pilotcode.tar.gz : Can't write to destination: Permission denied: Failed to create file /users/hep/grid/session/EmkMDmvVGDi13Rnamo7vSEmABFKDmABFKDma1NKDmABFKDmtHYEcm/pilotcode.tar.gz: Failed in data staging: Failed writing to destination: file:/users/hep/grid/session/EmkMDmvVGDi13Rnamo7vSEmABFKDmABFKDma1NKDmABFKDmtHYEcm/ARCpilot-test.tar.gz : Can't write to
	799	jobdispatcher:100 lost heartbeat : 2014-11-24 22:56:07
	1	jobdispatcher:102 Sent job didn't receive reply from pilot within 30 min
	1	pilot:1008 Failed in data staging: Failed writing to destination: file:/users/hep/grid/session/EmkMDmvVGDi13Rnamo7vSEmABFKDmABFKDma1NKDmABFKDmtHYEcm /pilotcode.tar.gz : Can't write to destination: Permission denied: Failed to create file /users/hep/grid/session /EmkMDmvVGDi13Rnamo7vSEmABFKDmABFKDma1NKDmABFKDmtHYEcm/pilotcode.tar.gz: Failed in data staging: Failed writing to destination: file:/users/hep/grid/session /EmkMDmvVGDi13Rnamo7vSEmABFKDmABFKDma1NKDmABFKDmtHYEcm/ARCpilot-test.tar.gz : Can't write to
	8	pilot:1099 Get error: Staging input file failed

# Errors

		"Standard std::exception is caught"   "std::bad_alloc"
	53	pilot:1213 Reached maximum batch system time limit
	148	transformation:10 ATH_FAILURE - Athena non-zero exit
	5	transformation:99 TRF_UNKNOWN - unknown transformation error
ttashiro	5	Total errors
	1	jobdispatcher:100 lost heartbeat : 2014-11-25 00:20:03
	4	pilot:1201 Job killed by signal 15: Signal handler has set job result to FAILED, ec = 1201
vanyash	1	Total errors
	1	transformation:251

error summary sorted by user

## Task error summary

taskid 1513850 mc12\_valid.119996.Pythia8\_A2MSTW2008LO\_minbias\_inelastic\_high.simul.e1119\_s1773.task

16 Total errors in 16 jobs. Finished: 0 Failed: 51 % failed: 100 Holding: 0 Cancelled: 0

16 jobdispatcher:100 lost heartbeat : 2014-11-25 02:30:27

error summary sorted by task

taskid 1598008 mc14\_13TeV.200922.Sherpa\_CT10\_llvv.merge.e3213\_s1982\_s2008\_r5787\_r5853.task

2 Total errors in 2 jobs. Finished: 15 Failed: 5 % failed: 25 Holding: 0 Cancelled: 0

2 jobdispatcher:100 lost heartbeat : 2014-11-25 00:35:28

taskid 1598016 mc14\_13TeV.129285.Pythia8EvtGen\_AU2CT10\_jetjet\_JZ5W\_mufilter.merge.e2743\_s1982\_s2008\_r5787\_r5853.task

4 Total errors in 3 jobs. Finished: 0 Failed: 9 % failed: 100 Holding: 0 Cancelled: 0

2 jobdispatcher:100 lost heartbeat : 2014-11-24 22:33:02

# Errors

## How to check failing job

ATLAS PanDA monitor Dashboards ▾ Tasks ▾ Jobs ▾ Errors ▾ Users ▾ Sites ▾ Incidents ▾ Search Prodsys ▾ Services ▾ VO ▾ Help ▾

PanDA job error summary [editTaskId=4454744](#) [jobtype=production](#) Built 2014-11-26 12:34 UTC

45 jobs found. Show jobs: Failed and holding only [All](#) link to the list of files

Sort by count, alpha

Job type: production

JEDI Task: [4454744 mc12\\_8TeV.169715.PowhegPythia8\\_AU2CT10\\_tbH800\\_tb.evgen.e1532](#)

Job modification times in this listing range from 2014-11-26 12:34 to 2014-08-18 12:34

Go to [overall](#), [site](#), [user](#), [task](#) summary

Error count timeline

Time Interval	Error Count
11-25 20:00	~2.0
11-25 20:30	~8.0
11-25 21:00	~1.0
11-25 21:30	~10.0
11-25 22:00	~1.0
11-25 22:30	~10.0
11-25 23:00	~6.0
11-26 03:00	~1.0
11-26 03:30	~4.0
11-26 04:00	~1.0
11-26 06:30	~1.0

# Errors

## How to check failing jobs

ATLAS PanDA monitor   Dashboards   Tasks   Jobs   Errors   Users   Sites   Incidents   Search   Prodsys   Services   VO   Help

PanDA jobs jobstatus=failed|holding hours=4320 limit=999999 jeditaskid=4454744 jobtype=production   Built 2014-11-26 12:34 UTC

6 jobs in this selection

Job type: production

Job status: failed|holding

Task: 4454744 mc12\_8TeV.169715.PowhegPythia8\_AU2CT10\_tbH800\_tb.evgen.e1532

Job modification times in this listing range from 2014-11-25 22:47 to 2014-11-26 06:32.

Job current priorities in this listing range from 900 to 900. See priorityrange in the job attribute summary to see how priorities are distributed.

39 jobs were dropped from this listing because they were retried. Where there were retries, the latest retry job (only) is listed.

Dropped (retry):

2321064708	(2321028567)	2321064708	(232102802)	2321064707	(232119820)	2321064706	(232119620)	2321064705	(2321194755)
2321060264	(2321069384)	2321060262	(2321069383)	2321060261	(2321069382)	2321029447	(2321064708)	2321029446	(2321064707)
2321029445	(2321064706)	2321029444	(2321060264)	2321029443	(2321060262)	2321029442	(2321060261)	2321029441	(2321048537)
2321022921	(2321064709)	2321022920	(2321064705)	2321017608	(2321053875)	2321008920	(2321017608)	2320983477	(2321022921)
2320983474	(2321029447)	2320983475	(2321029446)	2320983474	(2321029445)	2320983473	(2321029444)	2320983472	(2321029443)
2320983471	(2321029442)	2320983470	(2321029441)	2320983469	(2321022920)	2320976064	(2321008920)	2320963649	(2320983477)
2320963648	(2320983476)	2320963647	(2320983475)	2320963646	(2320983474)	2320963645	(2320983473)	2320963644	(2320983472)
2320963643	(2320983471)	2320963642	(2320983470)	2320963641	(2320983469)	2320963640	(2320976064)		

jobs retries

Job attribute summary Sort by count, alpha

workinggroup (1) AP\_HIGG (6)

job attribute summary

Job list Sort by Pandaid, ascending mod time, descending mod time, priority, attemptnr

PanDA ID Attempt#	Owner Group	Task ID	Transformation	Status	Created	Time to start d:h:m:s	Duration d:h:m:s	Mod	Cloud Site	Priority	Job info
23210208567 Attempt 1	jzhong AP_HIGG	4454744	Generate_lrf.py	failed	2014-11-26 04:00	0:2:14:31	0:0:01:46	11-26 06:32	FR UKI-NORTHGRID-LIV-HEP_SL6	900	Executable error 10510: ATH_JOP_NOTFOUND   "IncludeError: include file..."
Job name: mc12_8TeV.169715.PowhegPythia8_AU2CT10_tbH800_tb.evgen.e1532 #1											
Datasets: In: group.phys-gener.powheg.169696.tHPl_2HDM_M800_8TeV.TXT.mc12_v1/ Out: mc12_8TeV.169715.PowhegPythia8_AU2CT10_tbH800_tb.evgen.EVNT.e1532_tid04454744_00											
	jzhong AP_HIGG	4454744	Generate_lrf.py	failed	2014-11-26 03:50	0:0:07:19	0:0:03:35	11-26 04:10	FR UKI-NORTHGRID-LANCS-HEP_VAC	900	Trf exit code 5. trans: Argument out of allowed range

job details

17/36

# Errors

## How to check failing jobs

PandalID	Owner	WG	TaskID	Status	Created	Time to start d:h:m:s	Duration d:h:m:s	Modified	Cloud Site	Priority
2321208567	jzhong / AP_HIGG		4454744	failed	2014-11-26 04:00	0:21:31	0:01:46	11-26 06:32	FR UKI-NORTHGRID-LIV-HEP_SL6	900

Job name: mc12\_8TeV.169715.PowhegPythia8\_AU2CT10\_tbH800\_tb.evgen.e1532 type: evgen transformation: Generate\_trf.py

Datasets: In: group.phys-gener.powheg.169696.tHpl\_2HDM\_M800\_8TeV.TXT.mc12\_v1/  
Out: mc12\_8TeV.169715.PowhegPythia8\_AU2CT10\_tbH800\_tb.evgen.e1532\_id04454744\_00

Error description	exe: ATH_JOP_NOTFOUND   "IncludeError: include file MC12JobOptions/MC12.169715.PowhegPythia8_AU2CT10_tbH800_tb.py can not be found" trans: Unknown transexitcode error code
Execution error code	10510
Execution error message	ATH_JOP_NOTFOUND   "IncludeError: include file MC12JobOptions/MC12.169715.PowhegPythia8_AU2CT10_tbH800_tb.py can not be found"

links to the logfiles

This job is a descendent of upstream job(s), with relationship shown

2321064709:retry

Job information	logfiles	pilot job stdout, stderr, batch log	logger records	child jobs
Jobset 1186				

link to input file details

link to input dataset details

8 job files

Filename (Type)	Scope	Size (MB)	Status	Attempt (max)	Dataset
group.phys-gener.powheg.169696.tHpl_2HDM_M800_8TeV.TXT.mc12_v1_00010.tar.gz filout: Find creator lob	group.phys-gener	1	ready	5 (5)	group.phys-gener.powheg.169696.tHpl_2HDM_M800_8TeV.TXT.mc12_v1/

# Errors

## How to check failing jobs - input dataset details

ATLAS PanDA monitor   Dashboards ▾   Tasks ▾   Jobs ▾   Errors ▾   Users ▾   Sites ▾   Incidents ▾   Search   Prodsys ▾   Services ▾   VO ▾   Help ▾

PanDA dataset group.phys-gener.powheg.169696.tHPl\_2HDM\_M800\_8TeV.TXT.mc12\_v1/   Built 2014-11-26 15:00 UTC

Dataset group.phys-gener.powheg.169696.tHPl_2HDM_M800_8TeV.TXT.mc12_v1/									
ID	Type	Scope	Stream	Task	State	Status	Nfiles	Created	Modified
10809879	input		IN_GENERATOR	4448330	open	failed	80	2014-11-24 23:34	11-25 18:01

Show files in dataset

Dataset attributes	
attributes	of=0
cloud	
containername	group.phys-gener.powheg.169696.tHPl_2HDM_M800_8TeV.TXT.mc12_v1/
creationtime	Nov. 24, 2014, 11:34 p.m.
datasetid	10809879
datasetname	group.phys-gener.powheg.169696.tHPl_2HDM_M800_8TeV.TXT.mc12_v1/
destination	
jeditaskid	4448330
lockedby	
modificationtime	Nov. 25, 2014, 6:01 p.m.
nevents	0
neventstobeaused	0

# Errors

## How to check failing jobs - input file details

ATLAS PanDA monitor   Dashboards   Tasks   Jobs   Errors   Users   Sites   Incidents   Search   Prodsys   Services   VO   Help

PanDA file group.phys-gener.powheg.169696.tHpl\_2HDM\_M800\_8TeV.TXT.mc12\_v1\_.00010.tar.gz   pandaid=2321208567   scope=group.phys-gener   Ifn=group.phys-gener.powheg.169696.tHpl\_2HDM\_M800\_8TeV.TXT.mc12\_v1\_.00010.tar.gz

Built 2014-11-26 14:59 UTC

Occurrence of the file in job 2321208567

File group.phys-gener.powheg.169696.tHpl\_2HDM\_M800\_8TeV.TXT.mc12\_v1\_.00010.tar.gz

Scope	# events	Size (MB)	Created	GUID	ID
group.phys-gener	5000	1.80	2014-11-25 19:56	24790e51-6e9e-4388-9b12-29e7a14b5ad1	576188202

Occurrences of the file in processing (most recent jobs listed first)

Dataset	Task	Type	Job	First event	End event	Status	Attempt (max)
group.phys-gener.powheg.169696.tHpl_2HDM_M800_8TeV.TXT.mc12_v1/	4454744	input	2321208567	45001	4999	ready	5 (5)

File attributes (sample occurrence)

attemptnr	5
checksum	ad:c2a5a162
creationdate	Nov. 25, 2014, 7:56 p.m.
datasetid	10936771
datasetname	group.phys-gener.powheg.169696.tHpl_2HDM_M800_8TeV.TXT.mc12_v1/
endevent	4999
fileid	576188202

# Errors

## How to check failing jobs - logs

- important log files - pilotlog.txt, athena\_stdout.txt, and \*.log

ATLAS PanDA monitor   Dashboards   Tasks   Jobs   Errors   Users   Sites   Incidents   Search   Prodsys   Services   VO   Help

PanDA filebrowser site=IN2P3-CC scope=mc12\_8TeV lfn=log.04454744\_000049.job.log.tgz.1   Built 2014-11-26 12:34 UTC

**File lookup parameters**

Scope	mc12_8TeV
LFN	<a href="#">log.04454744_000049.job.log.tgz.1</a>
Site	IN2P3-CC
GUID	f7ab89e8-13b5-4041-9ed0-d1d22cee4504

**File listing**

Modification time	Size [B]	File
Wed Nov 26 06:15:53 2014	0	<a href="#">athena_stderr.txt</a>
Wed Nov 26 06:16:06 2014	69736	<a href="#">athena_stdout.txt</a> ← link to athena_stdout.txt
Wed Nov 26 06:16:06 2014	18935	<a href="#">Generate.log</a>
Wed Nov 26 06:16:01 2014	349	<a href="#">Generate_runathena</a>
Wed Nov 26 06:16:00 2014	470	<a href="#">inputDictionary.pickle</a>
Wed Nov 26 06:15:46 2014	1607	<a href="#">job_setup.sh</a>
Wed Nov 26 06:16:06 2014	98749	<a href="#">jobInfo.xml</a>
Wed Nov 26 06:16:06 2014	98749	<a href="#">jobInfo_Generate.xml</a>
Wed Nov 26 06:16:06 2014	35890	<a href="#">jobReport.gpickle</a>
Wed Nov 26 06:16:06 2014	98449	<a href="#">jobReport.pickle</a>

# Errors

## How to check failing jobs - log

```
Py:ConfigurableDb INFO No duplicates have been found: that's good !
Shortened traceback (most recent user call last):
  File "/cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasProduction/17.2.5.2/InstallArea/jobOptions/EvgenJobTransforms/skeleton.GENtoEVGEN.py", line 89, in <module>
    include(fragment)
IncludeError: include file MC12JobOptions/MC12_169715.PowhegPythia8_AU2CT10_tbH800_tb.py can not be found
Py:Athena INFO leaving with code 2: 'an error occurred when including a file'
INFO: read 119 error categories from file /cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasCore/17.2.5/InstallArea/share/atlas_error_categories.db
/cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasCore/17.2.5/InstallArea/share/bin/athena.py -b runargs.Generate.py EvgenJobTransforms/skeleton.GENtoEVGEN.py Generate_messageSvc_job
Py:Generate INFO Generate has completed running of Athena with exit code 2
INFO: read 119 error categories from file /cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasCore/17.2.5/InstallArea/share/atlas_error_categories.db
INFO: read 59 error patterns from file /cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasCore/17.2.5/InstallArea/share/atlas_error_patterns.db
INFO: read 61 ignore patterns from file /cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasCore/17.2.5/InstallArea/share/atlas_error_ignore.db
AthenalogChecker start [Generate log] wall-time: Wed Nov 26 06:16:06 2014 GMT, vmem: 110.17578125 Mb, rss: 55.39203125 Mb
Py:Generate INFO Scanning athena logfile Generate.log assuming ATLAS release ALL.17.2.5.2 ...
Py:Generate INFO Athena initialise()...
Py:Generate INFO Done scanning 443 lines of file Generate.log. Summary:
Py:Generate INFO Ignored : 0
Py:Generate INFO Warnings: 0
Py:Generate INFO Errors : 0
Py:Generate INFO Fatais : 1
AthenalogChecker stop [Generate log] wall-time: Wed Nov 26 06:16:06 2014 GMT, vmem: 110.17578125 Mb, rss: 55.359375 Mb
AthenalogChecker report [Generate log] wall-time: 00 hrs 00 mins 00 secs, cpu-time: 00 hrs 00 mins 00 secs, vmem: 0.0 Mb, rss: 0.02734375 Mb
Py:Generate INFO JobTransform completed for Generate with error code 10510 (exit code 5)
Py:Generate INFO Transform Timer stop [Generate] wall-time: Wed Nov 26 06:16:06 2014 GMT, vmem: 110.17578125 Mb, rss: 55.4453125 Mb
Py:Generate INFO Transform Timer report [Generate] wall-time: 00 hrs 00 mins 06 secs, cpu-time: 00 hrs 00 mins 04 secs, vmem: 0.4921875 Mb, rss: -19.59765625 Mb
===== Job Report produced by Generate version unknown =====
Command:/cvmfs/atlas.cern.ch/repo/sw/software/1686-slc5-gcc43-opt/17.2.5/AtlasProduction/17.2.5.2/InstallArea/share/bin/Generate_trf.py inputGeneratorFile=group.phys-gener.powheg.169696.thpl_2HDM_M800_i
ExitCode=5
ErrorCode=10510 (ATH_JOP_NOTFOUND)
ErrorCategory=ATH_JOP_NOTFOUND, 10510. JobOptions file not found
Fatais=1
Errors=0
Warnings=0
ErrorInfo
acronym=ATH_JOP_NOTFOUND (10510) JobOptions file not found
message=IncludeError: include file MC12JobOptions/MC12_169715.PowhegPythia8_AU2CT10_tbH800_tb.py can not be found
severity=FATAL
producer=Generate
stage=initialise
Workdir=/data/condor_pool/dire_4388/condor_6eRRfMa/pilot3/Panda_Pilot_6073_1416982491/PandaJob_2321208567_1416982493
athCode=2
RunDirAvailable0isk=256737628160
DBRelease=<current>
athAcronym=an error occurred when including a file
RunDirUsedDisk=18565791
AtlasRelease=17.2.5.2
Writing jobInfo_Generate.xml file...
```

keywords: error, failed, core dump, segmentation, ...

# Users

Users→Usage stats view

- number of jobs, CPU usage

ATLAS PanDA monitor Dashboards Tasks Jobs Errors Users Sites Incidents Search Prodsys Services VO Help

Recent PanDA users, last 90 days, limit 6000 per table. Params: limit=6000 view=database Usage stats view Built 2014-11-26 14:13 UTC

Usage stats Dynamic view

Job count for the last 7 days: 2214416 Users in last 3 days: 9 7:20 30:47 90:787 Users with >1000 jobs: 171 >10k: 40

Recent users						
User	nJobs	Latest	Personal CPU-hrs 1 day	Personal CPU-hrs 7 days	Group CPU-hrs 1 day	Group CPU-hrs 7 days
Benjamin Henry Hooberman		2014-11-25 21:06				
David Kirchmeier		2014-11-25 12:48	0.0	0.0		
KOZAKAI Chihiro		2014-11-25 10:45	0.0	0.0		
Robert Graham Reed		2014-11-24 15:46				
Denys Denysiuk		2014-11-24 14:43	26.3	28.5		
Arnaud Dubreuil		2014-11-24 10:17				
Olga Rezanova		2014-11-24 09:54	2.1	164.1		
harry moss		2014-11-24 09:49	0.0	0.0		
Lydia Audrey Beresford		2014-11-24 09:46		0.0		
Claudia Ciocca		2014-11-21 16:37		0.4		
mark pickering		2014-11-21 14:13		0.0		
Natalia Zakharchuk		2014-11-21 13:46		7.8		

# Users

## Users→Dynamic view

- jobs stats

ATLAS PanDA monitor																						
Dashboards		Tasks		Jobs		Errors		Users		Sites		Incidents										
Recent PanDA users, last 12 hours, limit 5000 per table. Params: limit=5000 view=dynam																						
Job modification times in this listing range from 2014-11-26 13:26 to 2014-11																						
Job current priorities in this listing range from -8592 to 10000. See priorityrange summary to see how priorities are distributed.																						
<a href="#">Recent job attribute summary</a>																						
(0)																						
(0)																						
161 recent users, ordered by most recent jobs																						
User	Latest PandalID	Latest mod time	nJobs	nFinished	nFailed	nHolding	nCancelled	nQueued	nSites	nClouds	CPU											
Christian Ohm	2321429984	2014-11-26 14:13	8	3	0	0	0	5	3	4	2396											
Philipp Tepel	2321429983	2014-11-26 14:13	332	5	67	31	0	183	27	12	770											
Duc Bao Ta	2321429982	2014-11-26 14:13	652	219	8	12	53	291	23	10	309722											
Haonan Lu	2321429981	2014-11-26 14:13	121	51	0	7	0	41	21	8	23650											
Peter Steinberg	2321429979	2014-11-26 14:13	277	0	0	3	0	257	6	4	271											
Archil Durglishvili	2321429977	2014-11-26 14:13	110	25	6	8	0	5	12	5	129873											
gangarbt	2321429974	2014-11-26 14:13	520	284	26	41	0	29	184	12	228046											
Elizabeth Brost	2321429973	2014-11-26 14:13	10	1	2	4	0	1	3	3	89660											
nicolas gutierrez	2321429972	2014-11-26 14:13	51	33	1	0	7	8	9	7	50615											

# Users

## User details

- attributes, tasks, jobsets, jobs details

User page for Michal Svatos Please read (and keep an eye on) the help section below to familiarize yourself with using the monitor in JEDI based analysis.

Stats from the user DB (updated every few hours)						
User	Jobs in last week	Latest job in the DB stats	Personal CPU-hrs - 1 day	Personal CPU-hrs - 7 days	Group CPU-hrs - 1 day	Group CPU-hrs - 7 days
Michal Svatos	21	2014-09-25 00:54	0.0	423.6	0.0	0.0

Jump to recent [tasks](#) [jobsets](#) [jobs](#)

Task attribute summary, 11 tasks	
corecount (1)	1 (11)
processingtype (2)	ganga-6-0-40-hotfix1-jedi-run (7) panda-client-0.5.38-jedi-run (4)
status (3)	aborted (5) done (5) finished (1)
taskpriority (1)	1000 (11)
tasktype (1)	analy (11)
transpath (1)	runGen-00-00-02 (11)
username (1)	Michal Svatos (11)

11 tasks, sorted by jeditaskid										
ID	Jobset	Task name TaskType/ProcessingType	Campaign	Group	User	Task status Logged status	Input files finish% fail% Nfinish Nfail	Modified	State changed	Priority
4459263	32462	user.msvatos.data12.NTUP__COMMON.pj.ruciotes14/anal/panda-client-0.5.38-jedi-run			Michal Svatos	done 39	100% 39	2014-11-26 10:13	11-26 10:13	1000

# Sites

## Sites→Clouds, sites

ATLAS PanDA monitor				Sites	Incidents	Search	Prodsys	Services	VO	Help																	
PanDA sites										Built 2014-11-26 14:45 UTC																	
<a href="#">Jump to site attribute summary, site list</a>																											
Clouds TLo, THI are transfer timeouts for low and high priority jobs																											
Cloud	Tier 1	Status	Comment	cloud info																							
CA	TRIUMF	online	LFC.migration 2014-10-23 09:35 Cedric																								
	MCP sites (home cloud sites in bold): AGLT2_MCORE AGLT2_SL6 ANALY_AUSTRALIA ANALY_MCGILL ANALY_BNL_ATLAS_2 BNL_PROD BNL_PROD_MCORE BU_ATLAS_Tier2_MCORE BU_ATLAS_Tier2_SL6 CAM-MCGILL-T2_MCORE CERN-P1_MCORE CERN-PROD_CLOUD_MCORE CPPM_MCORE CSCS-TODI DESY-HH_MCORE FAIR_IN2P3-CC_MCORE INFN-FRASCATI_MCORE INFN-MILANO-ATLASC_MCORE INFN-NAPOLI-ATLAS_MCORE INFN-LRZ-LMU_MUC_MCORE MWTF2_MCORE MWTF2_SL6 NIKHEF-ELPROD_MCORE OU_OSCER_ATLAS_MCORE RAL-SWT2_GPL_MCORE SIGNET_MCORE TOKYO_HIMEM TOKYO_MCORE TRIUMF TRIUMF_HIMEM TRIUMF_MCORE UKI-NORTHGRID-LANCS-HEP_MCORE UKI-NORTHGRID-SHEF-HEP_MCORE UKI-SCOTGRID-GLASGOW_MCORE UNI																										
CERN	CERN-PROD	online	ADCR.11g.upgrade.finished.elog.33058 2014-10-23 09:35																								
	MCP sites (home cloud sites in bold): ANALY_CERN_CLOUD ANALY_CERN_SHORT ANALY_CERN_SL6 ARNES_CA-VICTORIA-WESTGRID-T2_MCORE CERN-BUILDS CERN-P1 CERN-P1_MCORE CERN-P1_MCORE_HI CERN-CSCS-TODI_F2K-LC02_HI F2K-LC02_MCORE HELIX_NEBULA_EGI_HU_ATLAS_Tier2_MCORE IAAS_MCORE INFN-NAPOLI_MCORE INFN-NAPOLI-RECAS_MCORE INFN-ROMA1_MCORE INFN-ROMA3_MCORE INFN-T1_MCORE LAL-SARA-MATRIX_MCORE SLACKRD_SLACKRD_LMEM SLACKRD_MP8 SIGNET_MCORE TOKYO_HIMEM TOKYO_MCORE UKI-NORTHGRID-LANCS-HEP_MCORE UKI-NORTHGRID-LANCS-HEP_SL6 UKI-NORTHGRID-LIV-HEP_MCORE UKI-NORTHGRID-MAN-HEP_MCORE UKI-NORTHGRID-MAN-HEP_SL6 UKI-NORTHGRID-SHEF-HEP_MCORE UKI-NORTHGRID-SHEF-HEP_SL6 UKI-SCOTGRID-EDSC_PLATEAU_MCORE UKI-SCOTGRID-PLASMAON_MCORE UKI-SOUTHGRID-CAMPOS_SLE UKI-SOUTHGRID-DOHERTY_PLA_UJEDUBUDS_MCORE UKI-VENUS_MCORE UKI-VENUS_MCORE_UK																										
Clouds, sites																											
CA																											
CERN																											
DE																											
ES																											
FR																											
IT																											
NL																											
RU																											
TW																											
UK																											
US																											
Work queues																											

## Sites

## Site attribute summary

site attribute summary	
allowdirectaccess (2)	False (489) True (60)
allowfax (2)	False (43) True (506)
category (4)	analysis (213) multicloud (150) production (294) test (76)
cloud (13)	CA (40) CERN (30) DE (69) ES (20) FR (50) IT (48) ND (27) NL (39) OSG (18) RU (6) TW (10) UK (78) US (114)
comment_field (49)	''' (1) 31637 (1) 43245 (1) Change.Queue.Name (1) Debug.CE.overload (2) Decommissioned (2) Do.Not.Set.Online (37) ELOG.32521 (1) HC.Blacklist.set.online (266) HC.Blacklist.set.test (10) HC.Test.Me (26) HCTesting (1) HLT.repro (1) Manual.Testing (1) Mcore.Tests.OK (2) New.Queue (1) None (25) NotInUse (1) Retiring.leave.off (1) Set brokeroff (1) Site.Test.Queue (3) THE.ELOG.NUMBER.14893 (1) Test.Queue.Should.Be.Left.Test (3) TestComment_ (1) Testing (1) To Be Decommissioned (1) To Be Decommissioned (1) all.ok.ADG.20140819 (3) checkDirctIO (1) do.not.set.online (2) done.by.AndreuPacheco (1) eLog.31637 (9) eLog.46661 (1) elog.28951 (2) elog.33686 (1) elog.49116 (1) end.of.US.LFC.downtime (1) for tests with HPC at NERSC (1) leave.it.to.test (1) misconfig (5) only (1) overrueling HC test (1) set queue to broker off (1) set.offline.by.Switcher (6) start.BNL.downtime.16.Dec (9) stay.broker.off (1) test.only (4) to.remain.brokeroff..do.not.set.online (3)
copytool (12)	BNLdcp (12) cp (11) gfal-copy (2) log-cpp (28) lcgcp (10) lcgcp2 (341) lsm (67) mv (41) storm (2) xcp (6) xrdcp (21)

# Sites

region (29)	Armenia (2) Australia (6) Austria (2) CERN (26) Canada (32) Chile (2) China (2) CzechR (7) France (36) GR (2) Germany (41) Holland (10) Israel (6) Italy (42) Japan (5) Nordugrid (34) Poland (5) Portugal (2) Romania (7) Russia (19) SlovakR (4) Spain (16) Switzerland (5) Taiwan (10) Turkey (2) UK (77) US (131) ZA (4)
retry (2)	False (472) True (77)
status (4)	brokeroff (84) offline (59) online (326) test (80)
tier (6)	T0 (18) T1 (134) T2 (95) T2D (215) T3 (80) T3D (7)
timelimit (14)	None (394) 0 (16) 20 (9) 30 (39) 40 (5) 45 (4) 60 (37) 90 (7) 120 (31) 180 (2) 240 (1) 360 (1) 480 (1) 960 (2)

## site attribute summary

PanDA resource details								
PanDA resource Queue name (where different)	GOC site name	Cloud	Status	Tier	Max mem (MB)	Max time (hr)	Multicloud	Comment
AGLT2_MCORE AGLT2_MCORE-condor	AGLT2	US	online	T2D	33500	71.9	CA,FR,NL,TW,CA,DE,ND,IT,US,UK,ES	
AGLT2_SL6 AGLT2_SL6-condor	AGLT2	US	online	T2D	4100	71.9	NL,IT,CA	HC.Blacklist.set.online
AGLT2_TEST AGLT2_TEST-condor	AGLT2	US	online	T2D	4100		CA,DE	
AM-04-YERPHI prod-ce-yerphi-cluster-grid-am	AM-04-YERPHI	NL	online	T3	3800	96.0		HC.Blacklist.set.online
ANALY_AGLT2_SL6 ANALY_AGLT2_SL6-condor	AGLT2	US	online	T2D	4100	71.9		HC.Blacklist.set.online
ANALY_AGLT2_TIER3_TEST ANALY_AGLT2_TIER3_TEST-condor	AGLT2	US	offline	T2D	4100	71.9		
ANALY_AM-04-YERPHI	AM-04-YERPHI	NL	brokeroff	T3		48.0		Manual.Testing
ANALY_ANLASC	ANLASC	US	brokeroff	T3				

# Sites

## Site check

ATLAS PanDA monitor   Dashboards   Tasks   Jobs   Errors   Users   Sites   Incidents   Search   Prodsys   Services   VO   Help

PanDA resource AGLT2\_SL6   Built 2014-11-26 14:48 UTC

AGLT2_SL6 information	
GOC name	AGLT2
Queue (nickname)	AGLT2_SL6-condor
Status	online
Comment	HC.Blacklist.set.online
Cloud	US
Multicloud	NL,IT,CA
Tier	T2D
DDM endpoint	AGLT2_PROODISK
Maximum memory	4.1 GB
Maximum time	71.9 hours
Space	287 TB as of 11-26-09:54
Last modified	2013-06-10 20:45

View: [worker nodes](#) [jobs, job errors](#) [brokerage actions](#) [pilots](#) [Site status board](#) [elog](#) [DDM source destination](#)

job distribution on worker nodes  
jobs on the PanDA resource  
error page of the PanDA resource  
brokerage logs  
pilot factory monitoring  
site status board  
eLogs mentioning the site  
DDM transfers to the site

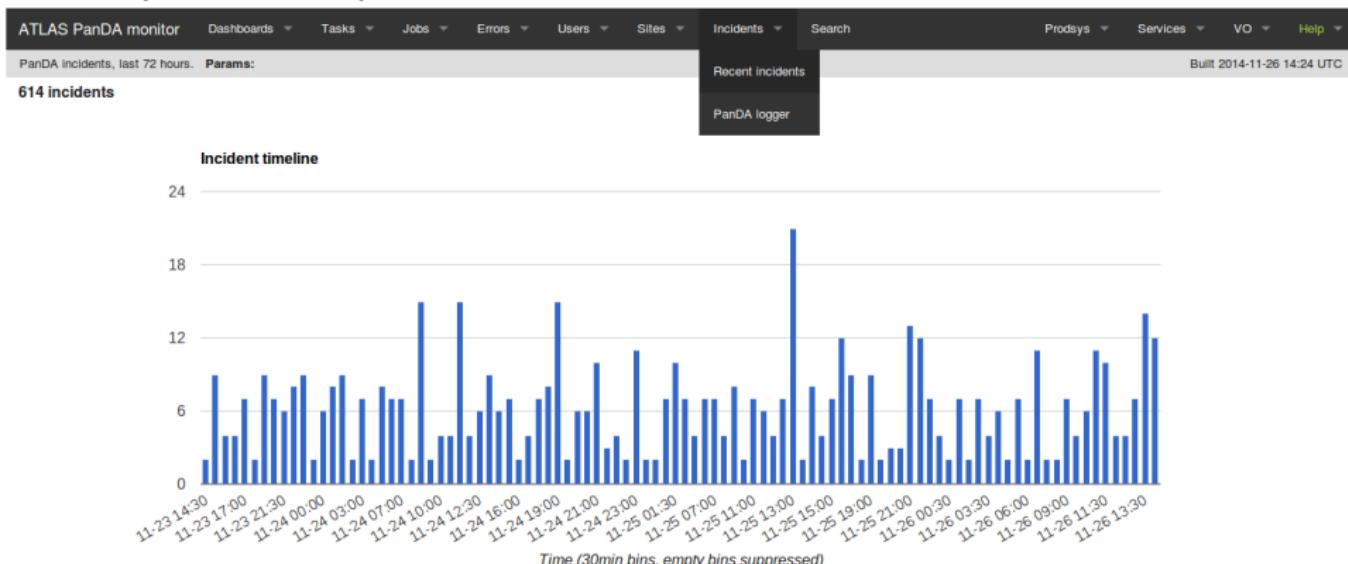
Incidents over the last month

2014-11-18 13:31	setonline: queue=AGLT2_SL6-condor DN=gangarbt HC.Blacklist.set.online
------------------	---

# Incidents

Incidents → Recent incidents

- queues manipulation



summary

## Recent Incidents

2014-11-26 14:04 setonline: queue=ZA-UU-glite-ce-pbs DN=gangarbt HC.Blacklist.set.online

2014-11-26 14:04 setmanual: queue=ZA-UU-glite-ce-pbs DN=gangarbt HC.Blacklist.set.manual

recent incidents

# Incidents

Incidents→PanDA logger

- brokerage logs

The screenshot shows the ATLAS PanDA monitor interface. At the top, there's a navigation bar with links for ATLAS PanDA monitor, Dashboards, Tasks, Jobs, Errors, Users, Sites, Incidents, Search, Prodsys, Services, VO, and Help. Below the navigation bar, a message says "PanDA logger, last 24 hours. Params:". On the right side, there's a timestamp "Built 2014-11-26 14:24 UTC". A dropdown menu under "Incidents" is open, showing "Recent Incidents" and "PanDA logger" (which is highlighted). In the main content area, there's a section titled "View recent errors, warnings" followed by a table titled "831183 logger entries". The table has three columns: Category, Type, and Level(count). The data is as follows:

831183 logger entries		
Category	Type	Level(count)
panda.mon.bamboo	submit	info(9810)
panda.mon.bamboo	taskbrokerage	debug(4244) info(459) warning(402)
panda.mon.bamboo	update	info(143)
panda.mon.deftcore	action	info(9)
panda.mon.deftcore	service	error (3)
panda.mon.dev	brokerage	warning(2)
panda.mon.dev	pilotLog	info(1)
panda.mon.dev	reassignJobs	info(1)

# Search

on a main page or search page

Search	
PanDA job ID or name	<input type="text"/> Submit
Batch ID	<input type="text"/> Submit
Task ID	<input type="text"/> Submit
Task name	<input type="text"/> Submit
Tasks for campaign	<input type="text"/> Submit
Tasks for project	<input type="text"/> Submit
Tasks for tag	<input type="text"/> Submit
Tasks for stream	<input type="text"/> Submit
Site	<input type="text"/> Submit
User	<input type="text"/> Submit
Dataset	<input type="text"/> Submit
File	<input type="text"/> Submit
Stalled jobs	in <input type="button" value="defined"/> for over <input type="text"/> hours <input type="button" value="Submit"/>
Stalled tasks	in <input type="button" value="registered"/> for over <input type="text"/> hours <input type="button" value="Submit"/>

job ID (e.g. 2316995371)  
batch ID (e.g. 1718606.cc-mgmt1.campuscluster.illinois.edu)  
task ID (e.g. 4420250)  
task name (wildcards support) (e.g. mc14\_13TeV.148273.MadGraphPythia\_AUET2BCTEQ6L1\_SM\_GG\_onestepCC\_1185\_785\_385.evgen.e3297)  
campaign of tasks (e.g. MC14a)  
project of tasks (e.g. mc, data, valid, ...)  
tag of tasks (e.g. e3297)  
stream of tasks (e.g. MadGraphPythia\_AUET2B\_CTEQ6L1\_pMSSM\_hEW\_7938970\_EMuFilter)

# Search

on a main page or search page

Search		
PanDA job ID or name	<input type="text"/>	Submit
Batch ID	<input type="text"/>	Submit
Task ID	<input type="text"/>	Submit
Task name	<input type="text"/>	Submit
Tasks for campaign	<input type="text"/>	Submit
Tasks for project	<input type="text"/>	Submit
Tasks for tag	<input type="text"/>	Submit
Tasks for stream	<input type="text"/>	Submit
Site	<input type="text"/>	Submit
User	<input type="text"/>	Submit
Dataset	<input type="text"/>	Submit
File	<input type="text"/>	Submit
Stalled jobs	in <input type="button" value="defined"/> for over <input type="text"/> hours	Submit
Stalled tasks	in <input type="button" value="registered"/> for over <input type="text"/> hours	Submit

site name (e.g. CONNECT)  
user name (e.g. mehlhase)  
dataset name (e.g.  
data12\_8TeV.00204240.physics\_Muons.  
merge.DAOD\_HIGG2D4.r5724\_p1751  
p1784\_tid04419454\_00)  
file name (e.g.  
EVNT.04420250.\_000012.pool.root.1)

job stuck in state more than N hours  
task stuck in state more than N hours

# Others

## Prodsys

- for production managers
- create task, manage task, request, ...

## Services

- links to other monitoring
- pilot factory, DDM dashboard, classic panda, ADC monitoring, ...

## VO

- ATLAS, BigPanda, ...

## Help

# URL tricks

Range of displayed info can be changed by additional URL parameters (see <http://bigpanda.cern.ch/help/>)

## limits

- &limit=N (N jobs loaded from DB)
- &display\_limit=N (display N jobs)

## time depth

- &hours=N or &days=N (last N hours/days - use carefully, the load on the DB is heavy for days greater than 3)
- &earlierthan=Nhours or &earlierthandays=Ndays
- &date\_from=2014-10-01 &date\_to=2014-10-03

The End

<http://bigpanda.cern.ch>