

BigPanDA monitoring overview

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Outlines

- Tasks view
- Task view
- Running production tasks view
- Report on campaign view
- Jobs view
- Job view
- Global shares
- World HS06s
- Dash summaries
- User view

Tasks Page

Tasks -> Production

<http://bigpanda.cern.ch/tasks/?tasktype=prod>

ATLAS PanDA Dash Tasks Jobs Errors Users Sites Incidents Search Admin Prodsys Services VO Help

PanDA JEDI task list, last 7 days. Params: tasktype=prod **Total tasks found ≈ 10000** the total number of tasks in DB which match to the filtering parameters aipanda106 09:40:18 20', Reload Login

Task type: prod List of specified filters

Task attribute summary	1000 tasks	the number of tasks shown on the page
campaign (5)	data16 (1) data16_13TeV (10) mc15 (7) MC15:MC15c (9) mc15_13TeV (973)	
status (8)	assigning (14) defined (5) done (54) pending (58) ready (8) registered (5) running (506) scouting (350)	
stream (689)	Too many to list	
superstatus (6)	assigning (14) done (54) ready (8) registered (20) running (514) submitting (390)	

Show events summary

Total events	3870553493
Remaining events	385066378

300 tasks, sorted by jeditaskid

ID Parent	Task name TaskType/ProcessingType Campaign Group User Tracker Request Errors Logged status	Task status Nfiles	Input files finish% fail% Nfinish Nfail	Total/Remaining events	Modified	State changed	Priority	Nucleus	Cloud
11077857	mc15_13TeV.361107.PowhegPythia8EvtGen_AZNLOCTEQ6L1_Zmumu.merge.e3601_s2576_s2132_r7725_r7676_p2952 prod/merge mc15_13TeV GP_PHYS atlas-dpd-production JIRA RequestID:11641 Errors	registered			2017-03-31 09:40:01	2017-03-31 09:40:01	882		WORLD
11077855	mc15_13TeV.361077.Sherpa_CT10_ggllvv.merge.e4641_s2726_r7772_r7676_p3042 prod/merge mc15_13TeV GP_PHYS atlas-dpd-production JIRA RequestID:11638 Errors	registered			2017-03-31 09:39:57	2017-03-31 09:39:57	560		WORLD

Tasks Page

Time window specification possibilities:

hours

days

date_from

date_to

earlierthan

earlierthandays

Wildcard support for non-numerical fields

Examples:

http://bigpanda.cern.ch/tasks/?tasktype=prod&taskname=*s2132*&superstatus=running|submitting

Task Page

<http://bigpanda.cern.ch/task/11016615/>

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11016615 task: mc15_13TeV.410533.PowhegPythia8EvtGen_A14_ttbar_hdamp258p75_allhad_NoC_bfil.simul.e5884_s2726 aipanda107 04-01 04:34:52 20', [Reload Login](#)

Task ID	Request	Type	WorkingGroup	User	Destination	Campaign	Task status	Nevents used	HS06*sec Expected Total done failed	Ninputfiles finished failed	Average maxpps	Created	Modified	Cores	Priority	Parent	Tracker
11016615	11397	prod	AP_TOPQ	dhirsch	UNI-FREIBURG	MC15:MC15c	running	980000 952000 (97%)	7782180000 4930938703 4421823312 509115391	980 952 (97%) 25 (2%)	8053	2017-03-23 08:50:37	2017-04-01 02:50:35	8	420	11009029	JIRA

Switch to nodrop mode

Prod Task view

different visualizations

Open tasks chain

Open Task Profile

Open Task Chain

Show/hide plots

Corresponding dashboard in Kibana

Finish Abort

actions on task

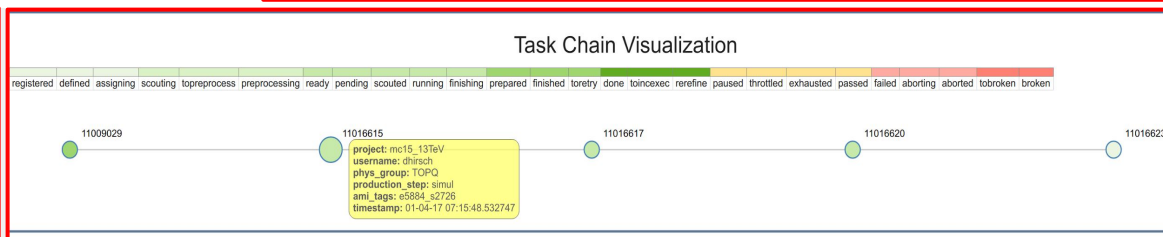
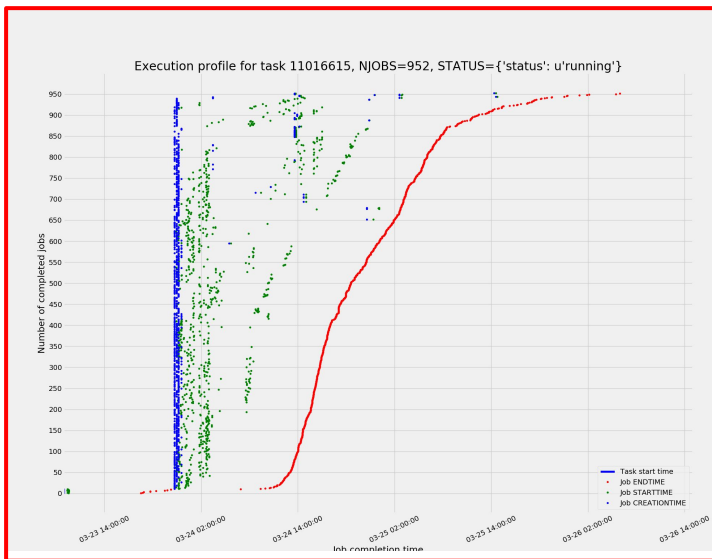
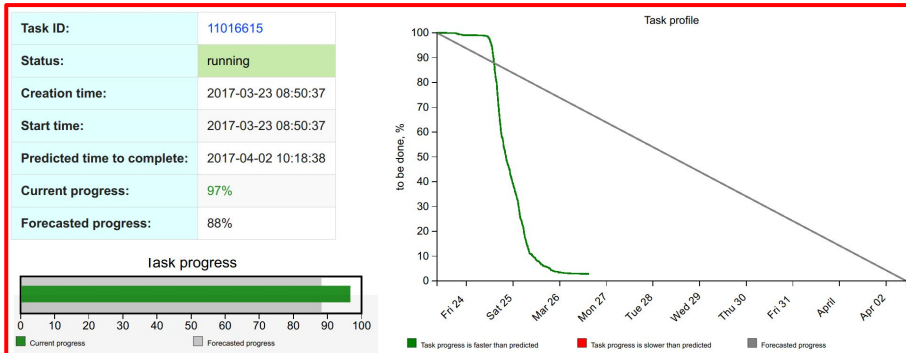
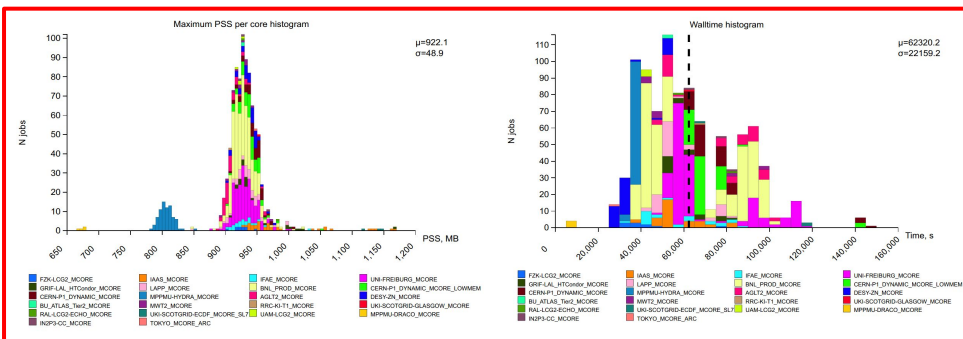
States of jobs in this task (merge jobs excluded) Show all jobs															
defined	waiting	pending	assigned	throttled	activated	sent	starting	running	holding	transferring	finished	failed	cancelled	merging	closed
					1			2			952	25			

jobs belonging to the task and its statuses

Jump to [job parameters](#), [task parameters](#)

View:	job list (access to job details and logs)	Show ended jobs	Show active jobs	Show TTC	parent task 11009029	child tasks	prodsys task page	Task brokerage (es-atlas)	Job brokerage	Job brokerage (es-atlas)	Action logger	Action logger (es-atlas)	error summary
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Task Page



Task Page

<http://bigpanda.cern.ch/task/11016615/>

4 datasets, show/hide by type: all input(1) log(1) output(1) pseudo_input(1)

Dataset, container name	Type	Stream	State	Status	Nfiles	Created	Modified
mc15_13TeV.410533.PowhegPythia8EvtGen_A14_ttbar_hdamp258p75_allhad_NoC_bfil.simul.HITS.e5884_s2726_tid11016615_00	output	OUTPUT0		registered	0	2017-03-23 08:50:38	2017-03-23 08:57:47
mc15_13TeV:mc15_13TeV.410533.PowhegPythia8EvtGen_A14_ttbar_hdamp258p75_allhad_NoC_bfil.evgen.EVNT.e5884_tid11009029_00	input	IN_EVNT	closed	ready	980	2017-03-23 08:50:38	2017-03-23 22:32:40

Job parameters

--AMITag=s2726
--conditionsTag "default:OFLCOND-RUN12-SDR-19"

Scout jobs:

Walltime: 3299756476 3299756482	CPU time: 3299756474 3299756482 3300795344 3300795363	RAM count: 3300795356	Out disk count: 3299756482	IO intensity: 3299756481
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Prodsys task parameters

architecture	x86_64-slc6-gcc47-opt
baseRamCount	1000
campaign	MC15:MC15c
cloud	WORLD

← List of all task parameters from prodsys

List of all task parameters from JEDI →

PanDA/JEDI task parameters

architecture	x86_64-slc6-gcc47-opt
basewalltime	600
campaign	MC15:MC15c
cloud	WORLD
corecount	8

Jobs Page

Jobs -> Production

<http://bigpanda.cern.ch/jobs/?jobtype=production>

specified parameters

total number of jobs
matched to specified
parameters

ATLAS PanDA Dash Tasks Jobs Errors Users Sites Incidents Search Admin Prodsys Services VO Help

PanDA jobs, last 12 hours. **Params: limit=10000 jobtype=production** Warning: limit 20000 per job table Task has 0 jobs in table Jobsarchived, limit is set to 20000 **Total jobs found ≈ 450000** aipanda107 07:00:54 20', Reload Login

We propose to participate in testing a new much faster jobs page (http://bigpanda.cern.ch/jobsss/?jobtype=production&display_limit=100&)
The new view might have differences with the current one, please inform developers about any issues you have.

30000 jobs in this selection
Job type: production

Job modification times in this listing range from 2017-03-31 19:00:41 to 2017-04-01 07:00:41.
Job current priorities in this listing range from 1000000 to -1000000. See priorityrange in the job attribute summary to see how priorities are distributed.

Job attribute summary Sort by count, alpha

atlasrelease (18)	Atlas-17.2.2 (71) Atlas-17.2.7 (32) Atlas-19.2.3 (436) Atlas-19.2.4 (2946) Atlas-19.2.5 (1070) Atlas-20.1.5 (3) Atlas-20.3.3 (10) Atlas-20.7.5 (1495) Atlas-20.7.6 (126) Atlas-20.7.7 (4) Atlas-20.7.8 (4909) Atlas-21.0.13 (5) Atlas-21.0.14 (288) Atlas-21.0.15 (4287) Atlas-21.0.18 (1778) Atlas-21.0.20 (12199) Atlas-21.0.8 (59) Atlas-21.0.X-VAL (41)
attemptnr (19)	1 (21393) 2 (2944) 3 (1004) 4 (651) 5 (363) 6 (268) 7 (238) 8 (266) 9 (200) 10 (108) 11 (87) 12 (81) 13 (48) 14 (31) 15 (22) 16 (20) 17 (7) 18 (7) 19 (1)
cloud (13)	CA (127) CERN (174) DE (450) ES (107) FR (228) IT (216) ND (76) NL (62) RU (53) TW (39) UK (279) US (461) WORLD (27728)
computingsite (387)	AGLT2_LMEM (61) AGLT2_MCORE (152) AGLT2_SL6 (97) AGLT2_TEST (9) AM-04-YERPHI (1) ANALY_AGLT2_SL6 (8) ANALY_AUSTRALIA (4) ANALY_BEIJING (1) ANALY_BNL_SHORT (3) ANALY_CERN_SHORT (92) ANALY_CERN_SLC6 (5) ANALY_CPPM (2) ANALY_CYF (2) ANALY_DESY-HH (11) ANALY_DESY-ZN (38) ANALY_FREIBURG (8) ANALY_FZK (33) ANALY_FZU (11) ANALY_GOEGRID (19) ANALY_GRIF-IRFU (1) ... more

link to faster jobs page

Jobs Page

Overall error summary			
Category:code	Attempt list	Errors	Sample error description
ddm:200	jobs	3	Could not get GUID/LFN/MD5/FSIZE/SURL from pilot XML
exe:-1	jobs	67	LRMS error: (257) Job timeout

Click to show/hide failed jobs details

[Prodsys Jobs Handling](#)

← go to prodsys interface to make actions on jobs

Job list Only the most recent 100 jobs are shown. Remove the limit and sort by PandaID, time since last state change, ascending mod time, descending mod time, priority, attemptnr, ascending duration, descending duration											
PanDA ID Attempt#	Owner Group	Request Task ID	Transformation	Status	Created	Time to start d:h:m:s	Duration d:h:m:s	Mod	Cloud Site	Priority	Job info
3315291794 Attempt 1	sgonzale AP_SOFT	11341 11081388	POOLtoEI_tf.py	activated	2017-04-01 06:07:53	0:0:52:59		2017-04-01 07:00:43	WORLD SARA-MATRIX online no active blacklisting rules defined	880	
	Job name: data_evind.00311365.physics_Main.eventIndex.r9264_p3083_i14.3315291794 #1										
Datasets: In: data16_13TeV:data16_13TeV.00311365.physics_Main.merge.AOD.r9264_p3083_tid11038617_00 Out: data_evind.00311365.physics_Main.eventIndex.log.r9264_p3083_i14_tid11081388_00											

Drop mode - retried jobs drops from jobs selection.

! If mode does not specified in URL ([&mode=drop](#) or [&mode=nodrop](#)), drop mode will works by default:

- on jobs view when all jobs belong to the single task
- on task view

Job Page

<http://bigpanda.cern.ch/job?pandaid=3315312011>

ATLAS PanDA Dash Tasks Jobs Errors Users Sites Incidents Search Admin Prodsys Services VO Help

Job details for PanDA job 3315312011

aipanda106 07:23:57 20', [Reload Login](#)

PandaID	Owner WG	Request Task ID	Status	Created	Time to start d:h:m:s	Duration d:h:m:s	Modified	Cloud Site	Priority
3315312011	Duc Bao Ta / phys-higgs	330721 10887904	failed	2017-04-01 06:22:41	0:0:00:23	0:0:01:35	2017-04-01 06:54:56	UK ANALY_RAL_SL6	-18022

Job name: [group.phys-higgs.periodAllYear.EMB.hh.20170303/3275654192](#) type: panda-client-0.5.77-jedi-athena-trf transformation: runAthena-00-00-12

Datasets: In: [data15_13TeV:data15_13TeV.00281385.physics_Main.recon.DRAW_ZMUMU.r7562_tid07687584_00](#)
Out: [group.phys-higgs.periodAllYear.EMB.hh.20170303_EXT0.125887523](#)

Dataset summary: input: 2, size: 117.85(MB); log: 1; output: 1

Error description	pilot, 1099: STAGEIN FAILED: not all input files have been copied: remain=panda.0304201807.682454.lib._10887904.8685326048.lib.tgz
Pilot error code	1099
Pilot error message	STAGEIN FAILED: not all input files have been copied: remain=panda.0304201807.682454.lib._10887904.8685326048.lib.tgz

← Error description

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

[3315273394:retry](#) [3315272063:retry](#) [3315268021:retry](#) [3314569249:retry](#)

← links to pandaids of descendent of upstream

[Show descendents jobs errors](#)

[Show script to re-create job for offline debugging: 3315312011](#)

Job information	logfiles	pilot job stdout, stderr, batch log	pilot records	Action logger	Action logger (es-atlas)	child jobs
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← access to the job logs

Jobset 330721

4 job files						
Filename (Type)	Scope	Size (MB)	Status	Attempt (max)	Dataset	
DRAW_ZMUMU.07687584_006336.pool.root.1 (input) Find creator job	data15_13TeV	9.27	ready	7 ()	data15_13TeV: data15_13TeV.00281385.physics_Main.recon.DRAW_ZMUMU.r7562_tid07687584_00	
panda.0304201807.682454.lib_10887904.8685326048.lib.tgz (input) Find creator job	panda	114.30	ready		panda.0304201807.682454.lib_10887904 (dispatch block: panda.0304201807.682454.lib_10887904 rucio) DDM Dashboard	
group.phys-higgs.10887904.EXT0_1715253.DAODoutput (output)	group.phys-higgs	0.00	failed		group.phys-higgs.periodAllYear.EMB.hh.20170303_EXT0.125887523 (destination block: sub0389377626 rucio) DDM Dashboard	
group.phys-higgs.periodAllYear.EMB.hh.20170303.log.10887904.1715253.log.tgz (log)	group.phys-higgs	0.02	failed		group.phys-higgs.periodAllYear.EMB.hh.20170303.log.125887522 (destination block: sub0389377628 rucio) DDM Dashboard	

All job parameters from PanDA

Other key job parameters	
Last state change	to failed at 2017-04-01 06:54:56
Release	Atlas-20.7.3
Proddbblock	data15_13TeV: data15_13TeV.00281385.physics_Main.recon.DRAW_ZMUMU.r7562_tid07687584_00
Working group	phys-higgs
Special handling	ddm:rucio
Attempt number	8 of a maximum 10
Job metrics	coreCount=1 workDirSize=143360
Job parameters	-l panda.0304201807.682454.lib_10887904.8685326048.lib.tgz --sourceURL https://aipanda078.cern.ch:25443-r/j --lrf --useLocalIO -i "DRAW_ZMUMU.07687584_006336.pool.root.1" -o "[ROOT: ['(DAODoutput', 'group.phys-higgs.10887904.EXT0_1715253.DAODoutput)']]" -j "Embedding_tf.py%20%40embfilter_testjobZmumu.opts%20--ignoreErrors%3DTrue%20--randomSeedName%20test%20--outputDAOD_EMBHHIMFile%20DAODoutput%20--inputDRAW_ZMUMUFile%20DRAW_ZMUMU.07687584_006336.pool.root.1%20--AMITag%20r7562"
Pilot ID	http://voatlasc403.cern.ch/jobs/20170401/arc-ce01.gridpp.rl.ac.uk/mR9LDmgGREqnCIXDjqIBL5XqABFKDmABFKDmAJPSDmABFKDmJNN0FmJNEWMOVER-ONJCondorjPRPICARD.68.1
Batch ID	arc-ce01.gridpp.rl.ac.uk#18901243.0#1491026442

Job parameters come from

All job parameters	
actualcorecount	1
assignedpriority	1000
atlasrelease	Atlas-20.7.3
attemptnr	8
batchid	arc-ce01.gridpp.rl.ac.uk#18901243.0#1491026442
brokerageerrorcode	0
brokerageerrordiag	
cloud	UK
cmtconfig	x86_64-slc6-gcc48-opt
commandtopilot	
computingelement	ANALY_RAL_SL6
computingsite	ANALY_RAL_SL6

Running Production Tasks Page

All Running production tasks

<http://bigpanda.cern.ch/runningprodtasks/>

ATLAS PanDA Dash Tasks Jobs Errors Users Sites Incidents Search Admin Prodsys Services VO Help

Running production task list aipanda108 15:20:59 20', Reload Login

Tasks selection

Selection Preset	Working group	Processing type	Campaign	Status		
All	All	All	All	All	<input type="checkbox"/> HPC	Go!

MC
DPD
DATA
All

Total slots

Total: 233,221.00

Number of allocated slots: 233221

Task age

Task age histogram

N tasks

Time, days

Total events done **4500.0M** of **7229.7M** in **3807** tasks
Number of currently running events **715M**
Number of waiting events **2730M**
Total 1-core jobs **25059** and 8-cores **31407** jobs

menu for choosing preset and filtering parameters

Now the MC, DPD and DATA reprocessing are available

Full case-insensitive wildcard support on this page.

Example:

http://bigpanda.cern.ch/runningprodtasks/?campaign=mc16*&reqid=11034|11050

Running Production Tasks Page

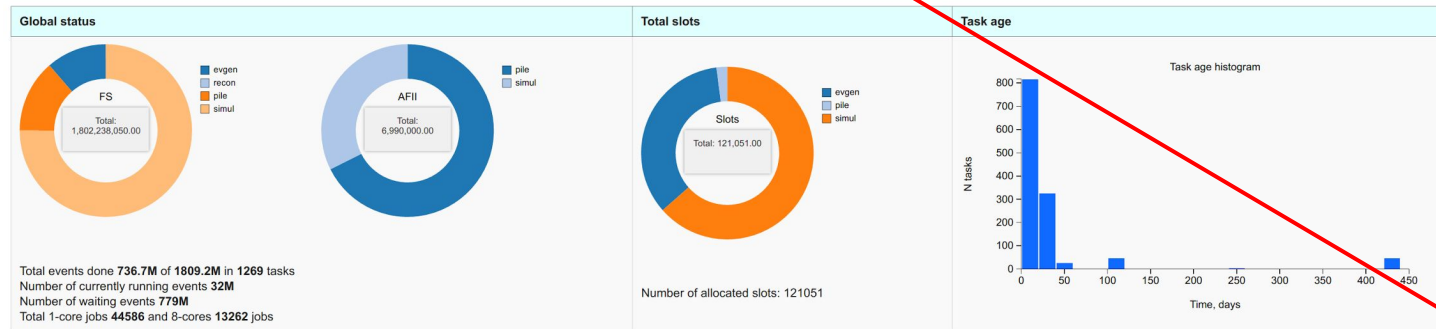
Running MC production tasks

<http://bigpanda.cern.ch/runningprodtasks/?preset=MC>

Campaign: MC*
Working group: IAP_REPR,IAP_VALI,IGP_PHYS,IGP_THLT
Processingtype: evgen|pile|simul|recon

← specified parameters

Selection Preset	Working group	Processing type	Campaign	Status		
MC	NOT IN ('AP_REPR', 'AP_VALI', 'GP_PHYS', 'GP_THLT')	IN ('evgen', 'pile', 'simul', 'recon')	like 'MC%#'	All	<input checked="" type="checkbox"/> HPC	Go!



Campaign	Request ID	Input dataset	Task ID	RJobs	Status	Type	Evtstotal	Evtsdone	Events currently running	Evtstobeused	Percentage	Failed	Priority	Sim	Age	Cores	User	CPU Time per Event
MC15c	9786 ⇒	426323	11081103 ⇒	0	pending	pile	---	---	---	---	---	0	370	AFII	0.2	8	jferrand	---
MC15c	9786 ⇒	426323	11081100 ⇒	10	scouting	simul	200,000	0	10,000	200,000	0.0	0	300	AFII	0.2	1	jferrand	3000
MC15c	11633 ⇒	301328	11080089 ⇒	0	running	evgen	100,000	95,000	5,000	5,000	95.0	0	900	FS	0.6	1	htorre	---

Site
NERSC_Edison_2
NERSC_Edison_2
NERSC_Edison_2

Running Production Tasks Page

Running DPD production tasks <http://bigpanda.cern.ch/runningprodtasks/?preset=DPD>

ATLAS PanDA Dash Tasks Jobs Errors Users Sites Incidents Search Admin Prodsys Services VO Help

Running production task list aipanda108 07:59:20' Reload Login

Working group: GP_PHYS
Processingtype: merge

Selection Preset	Working group	Processing type	Campaign	Status		
DPD	GP_PHYS	merge	All	All	<input type="checkbox"/> HPC	<input type="button" value="Go!"/>

Global status	Total slots	Task age
<p>Total events done 670.7M of 1962.4M in 501 tasks Number of currently running events 1136M Number of waiting events 1292M Total 1-core jobs 4 and 8-cores 2201 jobs</p>	<p>Number of allocated slots: 10112</p>	<p>Task age histogram</p>

special color coding:
 < 24 hours - green
 24<age<48 hours - yellow
 48<age<72 hours - orange
 >72 hours - red

specific fields for DPD tasks

Campaign	Request ID	Input dataset	Task ID	RJobs	Status	Evttotal	Evtsdone	Events currently running	Evtstobeused	Percentage	Failed	Priority	pTag	Output types	Age	Cores	CPU Time per Event
mc15_13TeV	11638 ⇒	363368	11078749 ⇒	0	running	788,000	100,000	688,000	688,000	12.7	0	560	p3042	HIGG3D1	0.9	8	7
mc15_13TeV	11638 ⇒	364134	11078747 ⇒	0	running	4,956,000	100,000	4,856,000	4,856,000	2.0	0	560	p3042	HIGG3D1	0.9	8	6
mc15_13TeV	11638 ⇒	343490	11078743 ⇒	0	running	271,000	100,000	171,000	171,000	36.9	0	560	p3042	HIGG3D1	0.9	8	8

Running Production Tasks Page

Running DATA Reprocessing production tasks

<http://bigpanda.cern.ch/runningprodtasks/?preset=DATA>

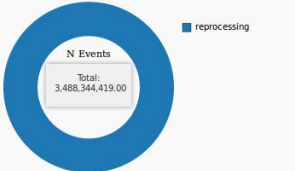
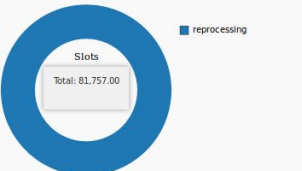
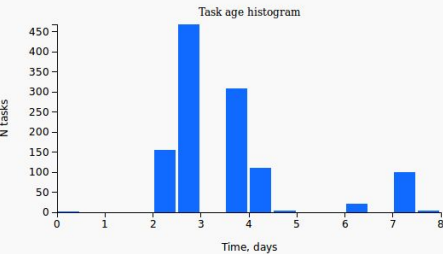
ATLAS PanDA Dash Tasks Jobs Errors Users Sites Incidents Search Admin Prodsys Services VO Help

Running production task list alpanda100 15:14:00 20', Reload Login

Working group: AP_REPR
Processingtype: reprocessing

Tasks selection

Selection Preset	Working group	Processing type	Campaign	Status		
DATA	AP_REPR	reprocessing	All	All	<input type="checkbox"/> HPC	Go!

Global status	Total slots	Task age
 <p>Total events done 2393.7M of 3488.3M in 1179 tasks Number of currently running events 67M Number of waiting events 220M Total 1-core jobs 2807 and 8-cores 10921 jobs</p>	 <p>Number of allocated slots: 81757</p>	 <p>Task age histogram</p>

1179 tasks

Campaign	Request ID	Input dataset	Task ID	RJobs	Status	Type	Evtstotal	Evtsdone	Events currently running	Evtstobeused	Percentage	Failed	Priority	Age	Cores	CPU Time per Event
rel21repro	11536 →	308084	11086779 →	0	defined	reprocessing	---	---	---	---	---	0	890	0.0	8	---
rel21repro	11536 →	308047	11086776 →	0	assigning	reprocessing	62,119,233	0	---	62,119,233	0.0	0	890	0.0	8	---
rel21repro	11536 →	307306	11079254 →	8	running	reprocessing	510,699	20,784	---	489,915	4.1	0	890	2.1	1	---
rel21repro	11536 →	307259	11079250 →	0	pending	reprocessing	448,889	0	---	448,889	0.0	0	890	2.1	1	---

Report on Campaign Page [under development]

MC16 campaign report

<http://bigpanda.cern.ch/report/?campaign=MC16>

Report on Campaign Dash Tasks Jobs Errors Users Sites Incidents Search Admin

PanDA

Report on Campaign MC16

Built on 15:42:37, additional selection by requests (11034,11048,11049,11050,11051,11052,11198,11197,11222,11359) applied

Overall events processing summary (JEDI)				
	evgen	simul	recon	merge
input/processed	-/-	2,010,408,240/1,115,169,940	450,000/450,000	450,000/450,000

Overall events processing summary (JEDI), breakdown by input file status				
	evgen	simul	recon	merge
ready		842,650,790		
finished		1,115,169,940	450,000	450,000
running		52,587,510		

Overall tasks processing summary (JEDI)				
	evgen	simul	recon	merge(*)
scouting		2		
exhausted		1		
finished		44		
running		243		
done		440	2	2
aborted		25		

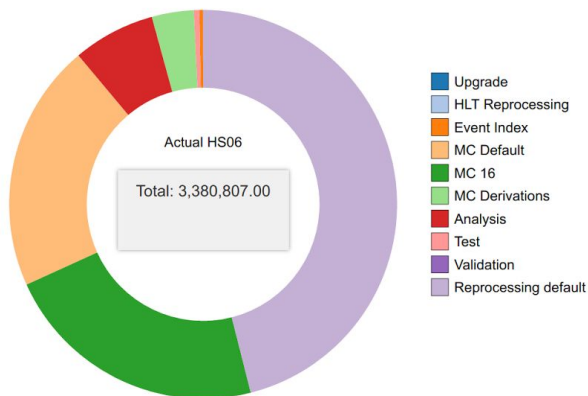
(*) Merge links may not provide correspondent number due to additional filtering which should be applied to select true merge tasks

Overall Jobs processing summary (JEDI)				
	evgen	simul	recon	merge
holding		303		
transferring		1,897		
activated		39,159		
running		14,996		
assigned		1,840		
failed		354,468	21	
merging		7,187		
finished		1,204,593	225	45
closed		495,330		
cancelled		14,636		
starting		1,702		
sent		11		

Global Shares page

Dash -> Global Shares

<https://bigpanda.cern.ch/globalshares/>



L1 Share	L2 Share	L3 Share	Actual HS06	Target HS06	Ratio	Queued
Analysis [20.0%]			231,514.11	676,162.13	34.24 %	895,110.44
Production [75.0%]			3,133,959.56	2,535,607.98	123.60 %	12,717,162.66
	MC root [17.9%]		1,448,127.38	603,716.19	239.87 %	8,101,253.80
		MC 16 [8.9%]	749,462.20	301,858.09	248.28 %	6,343,130.40
		MC Default [8.9%]	698,665.19	301,858.09	231.45 %	1,758,123.39
	Derivations [14.3%]		118,335.72	482,972.95	24.50 %	867,080.81
		MC Derivations [4.3%]	118,335.72	144,891.88	81.67 %	867,080.81
		Data Derivations [10.0%]	0.00	338,081.06	---	0.00
	Reprocessing [30.7%]		1,556,780.03	1,038,391.84	149.92 %	2,872,134.59
		Reprocessing default [24.6%]	1,556,780.03	830,713.47	187.40 %	2,872,134.59
		Heavy Ion [6.1%]	0.00	207,678.37	---	0.00
	Group production [2.9%]		0.00	96,594.59	---	139.14
	Upgrade [2.9%]		110.32	96,594.59	0.11 %	0.00
	HLT Reprocessing [2.9%]		9.63	96,594.59	0.01 %	0.00
	Validation [2.9%]		160.41	96,594.59	0.17 %	873,347.44
	Event Index [0.7%]		10,436.07	24,148.65	43.22 %	3,206.88
Test [5.0%]			15,336.97	169,040.53	9.07 %	73,341.97

Dash -> World HS06s

Nucleus summary of kHS06d					
Nucleus	NTasks	Total, kHS06d	Used, kHS06d	Failed, kHS06d	Percentage, %
FZK-LCG2	259	1770.22	1534.37	54.62	3
INFN-T1	148	2732.2	2299.32	410.51	17
DESY-HH	30	5805.52	760.22	16.18	2
pic	32	2372.33	2962.89	132.65	4
UKI-SCOTGRID-GLASGOW	170	48.47	136.73	1.18	0
RAL-LCG2	356	552.71	303.3	25.87	8
RRC-KI-T1	266	1779.83	1602.5	238.95	14
SWT2_CPB	168	2770.88	488.6	15.96	3
LRZ-LMU	65	2205.75	825.12	73.42	8
UKI-NORTHGRID-LANCS-HEP	70	2369.66	1630.24	129.3	7
TRIUMF-LCG2	229	3607.56	2436.55	47.2	1
wuppertalprod	7	336.4	3.53	0.55	15
TOKYO-LCG2	118	2150.78	132.19	3.34	2
MWT2	433	7945.38	2484.28	221.54	8
BNL-ATLAS	308	2867.37	995.06	33.44	3
SARA-MATRIX	161	1697.95	281.61	25.52	9
NDGF-T1	125	3208.28	2816.37	212.75	7
AGLT2	216	1564.57	2975.31	257.89	8
INFN-ROMA1	9	3855.43	2.34	0.17	7
UAM-LCG2	72	203.14	28.68	0.81	2
DESY-ZN	124	2506.91	281.3	49.16	17
IN2P3-LAPP	37	1190.59	380.19	11.26	2
INFN-NAPOLI-ATLAS	273	1036.59	888.74	23.96	2
IN2P3-CC	238	1974.82	1642.72	111.45	6
Australia-ATLAS	66	2857.8	604.97	42.25	6

Satellite summary of HS06s			
FZK-LCG2 Nucleus, Satellites	Used, HS06s	Failed, HS06s	Percentage, %
AGLT2_LMEM	7392	0	0
AGLT2_MCORE	659304459	3537946	0
AGLT2_SL6	15725078	0	0
ARNES	19238330	0	0
ARNES_MCORE	15500176	6609607	42
Australia-ATLAS	19563433	0	0
Australia-ATLAS_MCORE	38330	38330	100
BEIJING_MCORE	234019946	0	0
BNL_ATLAS_2	12155	0	0
BNL_PROD	256022363	1841376	0
BNL_PROD_MCORE	82997163	161486	0
BU_ATLAS_Tier2_MCORE	3961223125	13084064	0
BU_ATLAS_Tier2_SL6	10263667	11321	0
CA-MCGILL-CLUMEQ-T2	130370	0	0
CA-MCGILL-CLUMEQ-T2_MCORE	273080020	276869	0
CA-SCINET-T2_MCORE	165185460	0	0
CA-VICTORIA-WESTGRID-T2	57152	0	0

Dash -> World Production

Nucleus	defined	waiting	pending	assigned	throttled	activated	sent	starting	running	holding	transferring	finished	failed	cancelled	merging	closed
FZK-LCG2	0	0	1	443	0	2920	0	228	1774	53	830	36120	3734	6679	344	29974
INFN-T1	0	0	0	50	0	14432	1	187	39071	130	3286	61929	25631	12	13	41241
DESY-HH	0	0	0	178	0	24	0	36	74	2	63	14990	703	0	15	2436
pic	0	0	0	23	0	1541	0	38	1817	24	532	145036	15579	5	0	22961
UKI-SCOTGRID-GLASGOW	0	0	0	14	0	3	0	0	85	89	51	7306	154	18	261	95
RAL-LCG2	0	0	0	19	0	2140	0	220	220	24	121	20177	1108	56	788	761
RRC-KI-T1	0	0	0	328	0	642	0	62	1971	47	640	50704	11568	44	280	5749
UKI-NORTHGRID-LANCS-HEP	0	0	0	38	0	536	0	141	178	6	103	31572	6067	0	77	18860

← Tasks

FZK-LCG2 Nucleus, Satellites	defined	waiting	pending	assigned	throttled	activated	sent	starting	running	holding	transferring	finished	failed	cancelled	merging	closed
FZK-LCG2	0	0	1	37	0	0	0	0	89	12	0	6256	207	0	0	193
UKI-SOUTHGRID-RALPP_MCORE	0	0	0	1	0	92	0	0	7	0	2	196	7	250	0	250
pic_HIMEM	0	0	0	0	0	0	0	0	0	0	0	98	1	0	0	0
UNIBE-LHEP-UBELIX	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	2
TRIUMF	0	0	0	0	0	20	0	0	19	0	0	199	19	0	0	2
UKI-LT2-Brunel_MCORE	0	0	0	0	0	0	0	0	0	0	0	58	65	90	0	560
IFAE	0	0	0	0	0	0	0	0	0	0	0	10	7	0	0	0
CONNECT_UIUC_MCORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200
IEPSAS-Kosice_MCORE	0	0	0	0	0	0	0	0	0	0	0	25	1	75	0	30
MWT2_MCORE	0	0	0	12	0	0	0	0	76	0	0	783	14	25	0	1060
UNIBE-LHEP	0	0	0	0	0	0	0	0	0	0	0	63	0	0	0	0
IEPSAS-Kosice	0	0	0	0	0	0	0	0	0	0	0	5	9	0	0	0
UKI-NORTHGRID-MAN-HEP_VAC	0	0	0	1	0	0	0	0	1	0	2	35	44	0	0	0
UKI-SOUTHGRID-OX-HEP_MCORE	0	0	0	0	0	1	0	0	12	0	1	49	2	1	0	230

← Jobs

Dash -> Group production

Working group task summary																							
Hover over state name to see full name. Task state documentation																							
Working group	nTask	reg	def	assgn	rdy	pend	scout	sctd	run	prep	done	fail	finish	abrtg	abrtd	finishg	toprep	preprc	tobrok	broken	retry	incexe	refine
AP_BPHY	4	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AP_EGAM	36	0	0	0	0	12	0	0	16	0	2	0	6	0	0	0	0	0	0	0	0	0	0
AP_EXOT	425	8	0	0	19	301	0	0	29	0	7	0	58	0	1	1	0	0	0	1	0	0	0
AP_FTAG	28	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AP_HIGG	594	12	0	0	13	405	8	0	67	0	63	0	25	0	0	0	0	0	0	1	0	0	0
AP_JETM	37	0	0	0	2	27	1	0	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0
AP_MCGN	182	0	0	0	1	33	3	0	101	0	39	0	4	0	0	1	0	0	0	0	0	0	0
AP_REPR	2338	2	125	0	1	735	0	0	619	0	426	0	18	0	410	0	0	0	0	2	0	0	0
AP_SOFT	71	0	0	0	0	0	0	0	10	0	61	0	0	0	0	0	0	0	0	0	0	0	0

← Tasks

Working group job summary																	
Working group	nJobs	%failed	defined	waiting	pending	assigned	throttled	activated	sent	starting	running	holding	transferring	finished	failed	cancelled	merging
AP_BPHY	841	20	0	0	0	0	0	10	0	0	8	0	0	602	154	0	67
AP_EGAM	47636	9	0	0	0	0	0	2229	0	49	28	0	40	28608	3069	2	13611
AP_EXOT	812	13	0	0	0	0	0	53	0	0	3	0	1	520	80	0	155
AP_HIGG	48019	22	0	0	0	43	0	443	0	73	1690	19	302	31720	8958	28	4743
AP_JETM	6330	27	0	0	0	5	0	468	0	7	714	7	182	1836	699	0	2412
AP_MCGN	573140	21	0	0	0	1613	0	52938	2	1985	51993	189	4585	275178	76318	69	101646
AP_REPR	681551	13	0	0	0	19798	0	36095	3	1791	20612	953	22846	403794	60598	9985	105076
AP_SOFT	13883	4	0	0	0	1481	0	367	0	105	998	49	0	8993	377	0	1513
AP_STDM	11285	22	0	0	0	0	0	113	0	60	1619	13	221	5514	1587	13	2145

← Jobs

User page

<https://bigpanda.cern.ch/user/>

ATLAS PanDA Dash ▾ Tasks ▾ Jobs ▾ Errors ▾ Users ▾ Sites ▾ Incidents ▾ Search Admin Prodsys ▾ Services ▾ VO ▾ Help ▾

PanDA user **tkorchug**, last 72 hours. **Params:** limit=5000

aipanda107 15:50:39 20', [Reload](#) You are logged as Tatiana Korchuganova(tkorchug, tatiana.korchuganova@cern.ch) [Logout](#)

Inspired by history

Tasks:

10641439, eventservice:eventservice, tasktype:prod, tasktype:prod(ramcount:1-2GB), **10861821**, tasktype:prod(ramcount:1-2GB,reqid:11095), username:Federico Guillermo Diaz-Capriles, tasks

Jobs:

jeditaskid:**10641439**(eventservice:not2), jobs, computingsite:ORNL_Titan_MCORE, jeditaskid:**10861821**(jobstatus:finished), jeditaskid:**10838379**(produsername:Federico Guillermo Diaz-Capriles)

Other:

globalshares, runningdpdprodtasks, runningmcprodtasks(reqid:10208), users, users

Thank you for your attention!

Back Up

Examples:

→ get production tasks from 03.03.2016 to 10.03.2016 ->

http://bigpanda.cern.ch/tasks/?tasktype=prod&date_from=2016-03-03&date_to=2016-03-04

→ get tasks belongs to concrete campaign ->

http://bigpanda.cern.ch/tasks/?tasktype=prod&campaign=mc16*&days=50