ARC Grid Usage

NORDUGRID

Grid Solution for Wide Area Computing and Data Handling

ARC Grid Monitor is the primary tool to obtain information on the current system status. It displays the current state of the Grid by polling the information system at regular intervals or upon user request. The Monitor is stateless and is realized as a Web-based client of the Information System. It is implemented using PHP and JavaScript.

The front page of the Monitor presents the summary of the Grid status: all the sites that register to the Grid, their load/occupancy with respect to Grid- and locally-submitted tasks.

From the Monitor front page one can browse through the entire Grid system: from countries to clusters to queues, from Virtual Organisations to users to individual jobs.

Grid Monitor

2004-11-02 CET 16:15:51

Processes: Grid Local

Country	Site	CPUs	Load (processes: Grid+local)	Queueing
Australia	Charm (UniMelb)	20	0+0	0+0
	Alfred (UniMelb)	90	0+13	23+1
Denmark	Aalborg Grid Gateway	50	41+1	0+0
	Niflheim (DCSC/DTU)	908	0+889	0+76
	Horseshoe (DCSC/SDU)	1167	0+883	0+119
	HEPAX1	1	0+0	0+0
	Morpheus	18	0+15	1+340
Estonia	UT IMCB Anakonda clus>	16	0+0	0+0
	UT CS Antarctica Clus>	20	0+0	0+0
	CMS on CERN Linux	1	0+0	0+0
	CMS Production server	5	0+0	0+0
	CMS test cluster	1	0+0	0+0
	EENet cluster	6	0+0	0+0
	UT Physics Cluster	5	5+0	0+0
Finland	CSC Kirppu	1	0+0	0+0
	Mill (Physicum)	56	1+48	8+0
	Alpha (HIP)	1	1+0	3+0
	Testbed0 (HIP)	1	1+0	4+0
	CSC Lude	8	0+0 (queue down)	0+0
Germany	FZK cluster	1022	0+1007	0+1051
	LRZ cluster	232	22+193	43+1047
Norway	Oslo Temp Cluster	9	1+0	24+0
	Parallab IBM Cluster	58	0+58	0+12
	Bergen Grid Cluster	4	0+0	0+0
	Oslo Grid Cluster	43	12+9	27+1
	UiO Grid	102	0+96	16+123
Slovakia	UPJS Grid	1	1+0	7+0
Slovenia	SiGNET	42	14+28	4+0
Sweden	Bluesmoke (Swegrid,NS>	99	97+0	461+0
	Kosufy farm	60	20+0	0+0
	ISV	4	0+0	20+0
	Hagrid (SweGrid, Uppm>	100	10+12	0+0
	Hive (Swegrid, UNICC)	97	95+2	24+0
	Ingrid (SweGrid,HPC2N)	101	65+10	0+102
	Monolith (NSC)	386	0+337	0+121
	Quark Cluster	7	0+0	0+0
	Beppe (SweGrid PDC KT>	96	96+0	20+1
	Sigrid (SweGrid, Luna>	99	13+58	0+21
	Toto7/Whenim64 (Lunar>	191	0+190	0+160
Switzerland	Bern ATLAS Cluster	8	8+0	0+0
TOTAL	*40 sites*	*5136*	*512 + 3849*	*695 + 3175*

Common information: users, storage

Grid User Base

#	Name	Affiliation	E-ma
1	Gabba Anderlik	Department of Informatics, University of Bergen, Norway	gaba
2	Rasmus Andersen	Department of Mathematics and Computer Science, University of Southern Denmark, Denmark	ande
3	Brian Moeller Andersen	Qiersted Laboratory NBI/APC, University of Copenhagen, Denmark	bmo
4	Niclas Andersson	Linköping University, National Supercomputer Centre, Sweden	nican
5	Kristian Andresen	Niels Bohr Institute, University of Copenhagen, Denmark	krista
6	Fabrizio Anfuso	Theoretical Physics, Chalmers University, Sweden	anfus
7	Maria Gunther Axelsson	Department of Radiation Sciences, Uppsala University, Sweden	maria
8	Jonas Bardino	NDGF, University of Southern Denmark, Denmark	jonas
9	Lars Bugge	Department of Physics, University of Oslo, Norway	lars.b
10	Eske Christiansen	Department of Computer Science, University of Copenhagen, Denmark	eske
11	Christophe Clément	Fysikum, Stockholm University, Sweden	clem
12	Paul Henrik Damgaard	Niels Bohr Institute, University of Copenhagen, Denmark	phda
13	Ajuna Devarajan	Dept. of Theoretical Chemistry, Lund University, Sweden	Ajith
14	Erik Holden Dvergsnes	Department of Physics, University of Bergen, Norway	Erik.D
15	Paula Eerola	High Energy Physics, Lund University, Sweden	paula
16	Mattias Ellert	Department of Radiation Sciences, Uppsala University, Sweden	matte
17	Søren Enemark	Biophysics, Niels Bohr Institute, Denmark	enem
18	Ugur Erkarslan	Department of Physics, University of Oslo, Norway	ugur
19	Katrine Facius	Niels Bohr Institute, University of Copenhagen, Denmark	facius
20	Samir Ferrag	Department of Physics, University of Oslo, Norway	samir
21	Martin Folkman	Nordic DataGrid Facility, Sweden	marti
22	Jesper Frandsen	Department of Mathematics and Computer Science, University of Southern Denmark, Denmark	frand
23	Kristian Frogner	Gjøvik University College	kristi
24	Alexander Gaenko	Dept. of Theoretical Chemistry, Lund University, Sweden	Alexa
25	Johan Geijer	Center for Genomics and Bioinformatics, Karolinska Institutet, Sweden	johge
26	Michael Gindonis	Technology program, Helsinki Institute of Physics, Finland	Micha
27	BraFBirge Kile Gjelsten	Department of Physics, University of Oslo, Norway	b.k.gj
28	Børge Kile Gjelsten	Department of Physics, University of Oslo, Norway	b.k.gj
29	Nils Gollub	Department of Radiation Sciences, Uppsala University, Sweden	nils.g
30	Stefan Granath	Linköping University, Sweden	stegr
31	Michael Gronager	UNI-C, Denmark	mgro
32	Jacob Groth-Jensen	Niels Bohr Institute, University of Copenhagen, Denmark	groth
33	Patrick Guio	Parallab, Bergen Center for Computational Science, Norway	patric
34	Kenneth Gustafsson	CMS program, Helsinki Institute of Physics, Finland	kkgus
35	Christian Hansen	Department of Radiation Sciences, Uppsala University, Sweden	chris

Active Grid Users

#	Name	Affiliaton	Jobs	Sites
1	Grid 1	TEST	7	2
2	Grid 2	TEST	1	2
3	Grid 3	TEST	1	2
4	Grid 4	TEST	5	2
5	Grid 6	TEST	1	2
6	Grid A	TEST	4	2
7	Brian Andersen	fys.ku.dk	3	18
8	Daniel Andersson	uu.se	190	5
9	Fabrizio Anfuso	fy.chalmers.se	460	21
10	Lauri Anton	testsite.eenet.ee	4	2
11	Lauri Anton	eenet.ee	1	6
12	Grid B	TEST	1	2
13	Jonas Bardino	imada.sdu.dk	1	16
14	Anders Bergman	uu.se	27	5
15	Parvin Birjandi	The University of Melbourne	27	1

Storage Elements

#	Alias	Tot. space	Free space	Name	Base URL	Type
1	**Storage element>**	1907 GB	1896 GB	dc2:fe10.dcsc.sdu.dk	gsiftp://fe10.dcsc.sdu.dk:2811/dc2	gridftp-based
2	**NBI Storage Ele>**	1032 GB	0 GB	DC-2:top.nbi.dk	gsiftp://top.nbi.dk:2811/DC-2	gridftp-based
3	**NDGF DC-2 Stora>**	1907 GB	186 GB	DC-2:se1.dk.ndgf.org	gsiftp://se1.dk.ndgf.org:2811/DC-2	gridftp-based
4	**NDGF Free-for-a>**	1907 GB	186 GB	NDGF:se1.dk.ndgf.org	gsiftp://se1.dk.ndgf.org:2811/NDGF	gridftp-based
5	**Oslo SE**	1230 GB	0 GB	dc1:dc1.uio.no	gsiftp://dc1.uio.no:2811/dc1	gridftp-based
6	**Oslo SE**	a lot of GB	0 GB	dc2:dc2.uio.no	gsiftp://dc2.uio.no:2811/dc1	gridftp-based
7	**Oslo SE**	1490 GB	2 GB	dc3:dc3.uio.no	gsiftp://dc3.uio.no:2811/dc1	gridftp-based
8	**Oslo SSE**	1490 GB	2 GB	dc3_sse:dc3.uio.no	gsiftp://dc3.uio.no:2811/dc1	ws-based
9	**Oslo SE**	1097 GB	0 GB	dc4:dc4.uio.no	gsiftp://dc4.uio.no:2811/dc1	gridftp-based
10	**Oslo SE**	a lot of GB	0 GB	dc5:vertex.uio.no	gsiftp://vertex.uio.no:2811	gridftp-based
11	**DEMO SE on Grid>**	58 GB	12 GB	Quark:quark.hep.lu.se	gsiftp://quark.hep.lu.se:2811/demo	gridftp-based
12	**SE for B-physic>**	58 GB	12 GB	bphysics:quark.hep.lu.se	gsiftp://quark.hep.lu.se:2811/bphysics	gridftp-based
13	**Lund HEP SE**	1531 GB	253 GB	HEP:nathi.hep.lu.se	gsiftp://nathi.hep.lu.se:2811/hep	gridftp-based
14	**Lund Public SE**	1531 GB	253 GB	Public:nathi.hep.lu.se	gsiftp://nathi.hep.lu.se:2811/public	gridftp-based
15	**Uppsala Atlas M>**	28 GB	1 GB	atlas:grid.tsl.uu.se	gsiftp://grid.tsl.uu.se:2811/atlas	gridftp-based
16	**Uppsala General>**	28 GB	18 GB	files:grid.tsl.uu.se	gsiftp://grid.tsl.uu.se:2811/files	gridftp-based
17	**Uppsala Tutorial>**	28 GB	18 GB	tutorial:grid.tsl.uu.se	gsiftp://grid.tsl.uu.se:2811/tutorial	gridftp-based
18	**Monolith storag>**	883 GB	765 GB	se1:login-3.monolith.nsc.liu.se	gsiftp://login-3.monolith.nsc.liu.se:2811/se1	gridftp-based
19	**HPC2N SE1**	1421 GB	0 GB	se1:se1.hpc2n.umu.se	gsiftp://se1.hpc2n.umu.se:2811/se1	gridftp-based
20	**TEST SE for Atl>**	976 GB	215 GB	Atlas:brenta.ijs.si	gsiftp://brenta.ijs.si:2811/data	gridftp-based
21	**CMS Data SE**	110 GB	80 GB	CMSSE:grid1.nicpb.ee	gsiftp://grid1.nicpb.ee:2811/cms_se	gridftp-based
22	**CMS Production**	110 GB	64 GB	PRODCMSSE:cms.nicpb.ee	gsiftp://cms.nicpb.ee:2811/cms_se	gridftp-based
23	**LRZ SE**	9 GB	5 GB	LRZ:lxsrv9.lrz-muenchen.de	gsiftp://lxsrv9.lrz-muenchen.de:2811/test	gridftp-based
24	**Bluesmoke Stora>**	1421 GB	143 GB	se3:storage2.bluesmoke.nsc.liu.se	gsiftp://storage2.bluesmoke.nsc.liu.se:2811/se3	gridftp-based
25	**First storage e>**	1399 GB	394 GB	SE1:sigrid.lunarc.lu.se	gsiftp://sigrid.lunarc.lu.se:2811/SE1	gridftp-based
26	**Second storage >**	1399 GB	1194 GB	SE2:sigrid.lunarc.lu.se	gsiftp://sigrid.lunarc.lu.se:2811/SE2	gridftp-based
27	**Third storage e>**	1399 GB	1327 GB	SE3:sigrid.lunarc.lu.se	gsiftp://sigrid.lunarc.lu.se:2811/SE3	gridftp-based
28	**Fourth storage >**	1399 GB	1327 GB	SE4:sigrid.lunarc.lu.se	gsiftp://sigrid.lunarc.lu.se:2811/SE4	gridftp-based
29	**Bluesmoke Stora>**	1421 GB	182 GB	se4:storage3.bluesmoke.nsc.liu.se	gsiftp://storage3.bluesmoke.nsc.liu.se:2811/se4	gridftp-based
30	**hive-SE1**	1399 GB	1327 GB	SE1:hive-se2.unicc.chalmers.se	gsiftp://hive-se2.unicc.chalmers.se:2811/se2-1	gridftp-based
31	**hive-SE2**	1399 GB	1327 GB	SE2:hive-se2.unicc.chalmers.se	gsiftp://hive-se2.unicc.chalmers.se:2811/se2-2	gridftp-based
32	**hive-SE3**	1399 GB	1327 GB	SE3:hive-se3.unicc.chalmers.se	gsiftp://hive-se3.unicc.chalmers.se:2811/se3-1	gridftp-based
33	**hive-SE4**	1399 GB	1327 GB	SE4:hive-se3.unicc.chalmers.se	gsiftp://hive-se3.unicc.chalmers.se:2811/se3-2	gridftp-based
34	**Bluesmoke stora>**	1421 GB	31 GB	se1:bluesmoke.nsc.liu.se	gsiftp://bluesmoke.nsc.liu.se:2811/se1	gridftp-based
35	**Bluesmoke Stora>**	a lot of GB	0 GB	se2:storage.bluesmoke.nsc.liu.se	gsiftp://storage.bluesmoke.nsc.liu.se:2811	gridftp-based
36	**Hagrid storage**	831 GB	159 GB	storage:hagrid.it.uu.se	gsiftp://hagrid.it.uu.se:2811/storage	gridftp-based
37	**EENet SE**	21 GB	20 GB	EENet-SE:knit.eenet.ee	gsiftp://knit.eenet.ee:2811/SE	gridftp-based
	TOTAL	*35138 GB*	*14053 GB*			

Cluster information

Cluster Details for hypatia.uio.no

Attribute	Value
Distinguished name	nordugrid-cluster-name=hypatia.uio.no,Mds-Vo-name=local,o=grid
objectClass	Mds
	nordugrid-cluster
Front-end domain name	hypatia.uio.no
Cluster alias	UiO Grid
Owner	University of Oslo
Postal code	NO-0316
Certificate issuer	/O=Grid/O=NorduGrid/CN=NorduGrid Certification Authority
Contact string	gsiftp://hypatia.uio.no:2811/jobs
E-mail contact	hpc@usit.uio.no
LRMS type	Condor
LRMS version	6.6.3
LRMS details	single job per processor
Architecture	i686
Operating system	RedHat EL3
Homogeneous cluster	False
Memory (MB, smallest)	512
Node IP connectivity	inbound
	outbound
CPUs, total	102
CPUs, occupied	97
CPU/machines	1cpu:78 2cpu:12
Jobs, queued	141
Jobs, total amount	67
Storage Element, local	gsiftp://hypatia.uio.no/scratch/
Disk space, available (MB)	157609
Disk space, total (MB)	302380
Cache size, available (MB)	15117
Cache size, total (MB)	18119
Grid middleware	nordugrid-0.4.3
	globus-2.4.3-10ng
Runtime environment	P1SITE
	ATLAS-8.0.5
	ATLAS-8.0.7
Mds-validfrom	2004-11-02 15:13:51
Mds-validto	2004-11-02 15:14:21

Queue	Status	Limits (min)	CPUs	Running	Queueing
default	active	0 – >	N/A	65 (Grid: 0)	139 (Grid: 15)

Attribute values

Object	CPUs, occupied
1 Cluster *morpheus.dcgc.dk*	15
2 Cluster *hypatia.uio.no*	100
3 Cluster *brenta.ijs.si*	41
4 Cluster *atlas.fzk.de*	1008
5 Cluster *lheppc10.unibe.ch*	8
6 Cluster *farm.hep.lu.se*	16
7 Cluster *lxsrv9.lrz-muenchen.de*	215
8 Cluster *genghis.hpc.unimelb.edu.au*	13
9 Cluster *fe10.dcsc.sdu.dk*	888
10 Cluster *fire.ii.uib.no*	58
11 Cluster *grid.uio.no*	20
12 Cluster *ingrid.hpc2n.umu.se*	76
13 Cluster *login-3.monolith.nsc.liu.se*	337
14 Cluster *toto7.lunarc.lu.se*	190
15 Cluster *dc4.uio.no*	1
16 Cluster *dk-grid.fysik.dtu.dk*	889
17 Cluster *mill.physics.helsinki.fi*	49
18 Cluster *testbed0.hip.helsinki.fi*	1
19 Cluster *hive.unicc.chalmers.se*	97
20 Cluster *sg-access.pdc.kth.se*	96
21 Cluster *bluesmoke.nsc.liu.se*	97
22 Cluster *hagrid.it.uu.se*	31
23 Cluster *sigrid.lunarc.lu.se*	71
24 Cluster *tuff.physic.ut.ee*	5

Details for the queue grid (sg-access.pdc.kth.se)

Attribute	Value
Distinguished name	nordugrid-queue-name=grid,nordugrid-cluster-name=sg-access.pdc.kth.se,Mds-Vo-name=local,o=grid
objectClass	Mds
	nordugrid-queue
Queue name	grid
Queue status	active
Jobs, running	26
Grid jobs, running	86
Jobs, queued	21
Grid jobs, queued	20
Scheduling policy	FIFO
CPUs, total	96
Mds-validfrom	2004-11-02 16:28:15
Mds-validto	2004-11-02 16:28:45

#	Job name	Owner	Status	GPU
1	Gromacs amyloid fibril formation 10ns replica exchange	Marvin Seibert	DELETED	7218
2	test	Sam Shallcross	DELETED	
3	Gromacs amyloid fibril formation 10ns replica exchange	Marvin Seibert	DELETED	7314
4	test	Sam Shallcross	DELETED	
5	test	Sam Shallcross	DELETED	
6	Gromacs chignolin solvated 25-50ns replica exchange	Marvin Seibert	FINISHED at: 2004-10-30 09:39:00	8580
7	iso-bridge+zno_6ay3x2_opt2	Lars Ojamae	DELETED	1309
8	c94b3dvzsfr	Lars Ojamae	INLRMS: run	
9	dc2.003045.digit.H1_130_4l_00583.job	Jakob Nielsen	DELETED	36
10	dc2.003033.digit.A4_WplusTAU_01464.job	Jakob Nielsen	DELETED	
11	dc2.003033.digit.A4_WplusTAU_00539.job	Jakob Nielsen	DELETED	50
12	dc2.003033.digit.A4_WplusTAU_00902.job	Jakob Nielsen	DELETED	52
13	dc2.003033.digit.A4_WplusTAU_01339.job	Jakob Nielsen	DELETED	51
14	dc2.003033.digit.A4_WplusTAU_00223.job	Jakob Nielsen	DELETED	47
15	dc2.003033.digit.A4_WplusTAU_00127.job	Jakob Nielsen	DELETED	52
16	dc2.003033.digit.A4_WplusTAU_01052.job	Jakob Nielsen	DELETED	48
17	dc2.003033.digit.A4_WplusTAU_00985.job	Jakob Nielsen	DELETED	48
18	dc2.003033.digit.A4_WplusTAU_00213.job	Jakob Nielsen	DELETED	52
19	dc2.003033.digit.A4_WplusTAU_00897.job	Jakob Nielsen	DELETED	48
20	dc2.003029.digit.A4_WminMU_00788.job	Jakob Nielsen	DELETED	

Personalized job details

Jobs at farm.hep.lu.se

Job name	Owner	Status	CPU (min)	Queue	CPUs
1 dc2.003055.simul.A5_zji_.04926.job	Jakob Nielsen	INLRMS: R	3084	slowq	1
2 dc2.003055.simul.A5_zji_.08923.job	Jakob Nielsen	INLRMS: R	3014	slowq	1
3 dc2.003055.simul.A5_zji_.09750.job	Jakob Nielsen	INLRMS: R	29(		
4 dc2.003055.simul.A5_zji_.09895.job	Jakob Nielsen	INLRMS: R	28(		
5 dc2.003055.simul.A5_zji_.08995.job	Jakob Nielsen	INLRMS: R	28(		
6 dc2.003055.simul.A5_zji_.09129.job	Mattias Ellert	INLRMS: R	28		
7 dc2.003055.simul.A5_zji_.09834.job	Mattias Ellert	INLRMS: R	27		
8 dc2.003055.simul.A5_zji_.08699.job	Mattias Ellert	INLRMS: R	28(		
9 dc2.003055.simul.A5_zji_.09396.job	Mattias Ellert	INLRMS: R	27		
10 dc2.003055.simul.A5_zji_.09107.job	Mattias Ellert	INLRMS: R	26(		
11 dc2.003055.simul.A5_zji_.08046.job	Mattias Ellert	INLRMS: R	26(		
12 qmc6x6_05_800_0.35_t_0.2	Andreas Isacsson	INLRMS: R	71		
13 qmc8x8_05_400_0.1_t_0.2	Andreas Isacsson	INLRMS: R	24		
14 qmc8x8_05_400_0.2_t_0.2	Andreas Isacsson	INLRMS: R	24		
15 qmc8x8_05_400_0.25_t_0.2	Andreas Isacsson	INLRMS: R	24		
16 qmc8x8_05_400_0.3_t_0.2	Andreas Isacsson	INLRMS: R	22		
17 qmc8x8_05_400_0.35_t_0.2	Andreas Isacsson	INLRMS: R	22		
18 qmc8x8_05_400_0.7_t_0.2	Andreas Isacsson	INLRMS: R	22		
19 qmc8x8_05_400_1_t_0.2	Andreas Isacsson	INLRMS: R	22		
20 qmc8x8_05_800_0.1_t_0.2	Andreas Isacsson	INLRMS: R	20		
21 qmc8x8_05_800_0.1_t_0.2	Andreas Isacsson	INLRMS: R	20		
22 qmc8x8_05_800_0.2_t_0.2	Andreas Isacsson	INLRMS: R	20		
23 qmc8x8_05_800_0.3_t_0.2	Andreas Isacsson	INLRMS: R	21		
24 qmc8x8_05_800_0.35_t_0.2	Andreas Isacsson	INLRMS: R	20		
25 qmc8x8_05_800_0.4_t_0.2	Andreas Isacsson	INLRMS: R	20		
26 qmc8x8_05_800_0.45_t_0.2	Andreas Isacsson	INLRMS: R	20		
27 qmc8x8_05_800_0.5_t_0.2	Andreas Isacsson	INLRMS: R	20		
28 qmc8x8_05_800_0.8_t_0.2	Andreas Isacsson	INLRMS: R	19		
29 qmc8x8_05_800_1_t_0.2	Andreas Isacsson	INLRMS: R	18		
30 qmc8x8_05_100_1_t_0.2	Andreas Isacsson	INLRMS: R	8		

Jobs at hive.unicc.chalmers.se

Job name	Owner	Status	CPU (min)	Queue	CPUs
1 N/A	Fabrizio Anfuso	INLRMS: Q		dque	1
2 N/A	Fabrizio Anfuso	INLRMS: Q		dque	1
3 N/A	Fabrizio Anfuso	INLRMS: Q		dque	1
4 s180-200_205_210_213s_230_255_sub-20-20	Thomas Rod	INLRMS: Q		dque	1
5 s180-200_205_210_213s_230_255_sub-21-21	Thomas Rod	INLRMS: Q		dque	1
6 s180-200_205_210_213s_230_255_sub-24-24	Thomas Rod	INLRMS: Q		dque	1
7 s180-200_205_210_213s_230_255_sub-25-25	Thomas Rod	INLRMS: Q		dque	1
8 s180-200_205_210_213s_230_255_sub-26-26	Thomas Rod	INLRMS: Q		dque	1
9 s180-200_205_210_213s_230_255_sub-27-27	Thomas Rod	INLRMS: Q		dque	1
10 s180-200_205_210_213s_230_255_sub-28-28	Thomas Rod	INLRMS: Q		dque	1
11 s180-200_205_210_213s_230_255_sub-29-29	Thomas Rod	INLRMS: Q		dque	1
12 s180-200_205_210_213s_230_255_sub-30-30	Thomas Rod	INLRMS: Q		dque	1
13 s205-prod_180_195_213s_230_255_sub-11-11	Thomas Rod	INLRMS: Q		dque	1
14 s205-prod_180_195_213s_230_255_sub-12-12	Thomas Rod	INLRMS: Q		dque	1
15 s205-prod_180_195_213s_230_255_sub-13-13	Thomas Rod	INLRMS: Q		dque	1
16 s205-prod_180_195_213s_230_255_sub-14-14	Thomas Rod	INLRMS: Q		dque	1
17 s205-prod_180_195_213s_230_255_sub-15-15	Thomas Rod	INLRMS: Q		dque	1
18 s205-prod_180_195_213s_230_255_sub-16-16	Thomas Rod	INLRMS: Q		dque	1
19 s205-prod_180_195_213s_230_255_sub-17-17	Thomas Rod	INLRMS: Q		dque	1
20 s205-prod_180_195_213s_230_255_sub-18-18	Thomas Rod	INLRMS: Q		dque	1
21 s205-prod_180_195_213s_230_255_sub-19-19	Thomas Rod	INLRMS: Q		dque	1
22 s205-prod_180_195_213s_230_255_sub-20-20	Thomas Rod	INLRMS: Q		dque	1
23 s255-prod_180_195_200_205_210_213s-11-11	Thomas Rod	INLRMS: Q		dque	1
24 s255-prod_180_195_200_205_210_213s-12-12	Thomas Rod	INLRMS: Q		dque	1
25 s255-prod_180_195_200_205_210_213s-17-17	Thomas Rod	INLRMS: Q		dque	1
26 s255-prod_180_195_200_205_210_213s-18-18	Thomas Rod	INLRMS: Q		dque	1
27 s255-prod_180_195_200_205_210_213s-22-22	Thomas Rod	INLRMS: Q		dque	1
28 s255-prod_180_195_200_205_210_213s-23-23	Thomas Rod	INLRMS: Q		dque	1
29 s255-prod_180_195_200_205_210_213s-25-25	Thomas Rod	INLRMS: Q		dque	1
30 s255-prod_180_195_200_205_210_213s-26-26	Thomas Rod	INLRMS: Q		dque	1
31 s255-prod_180_195_200_205_210_213s-27-27	Thomas Rod	INLRMS: Q		dque	1
32 s255-prod_180_195_200_205_210_213s-28-28	Thomas Rod	INLRMS: Q		dque	1
33 s255-prod_180_195_200_205_210_213s-29-29	Thomas Rod	INLRMS: Q		dque	1

Job ID: gsiftp://farm.hep.lu.se:2811/jobs/5947109888022594766536 5

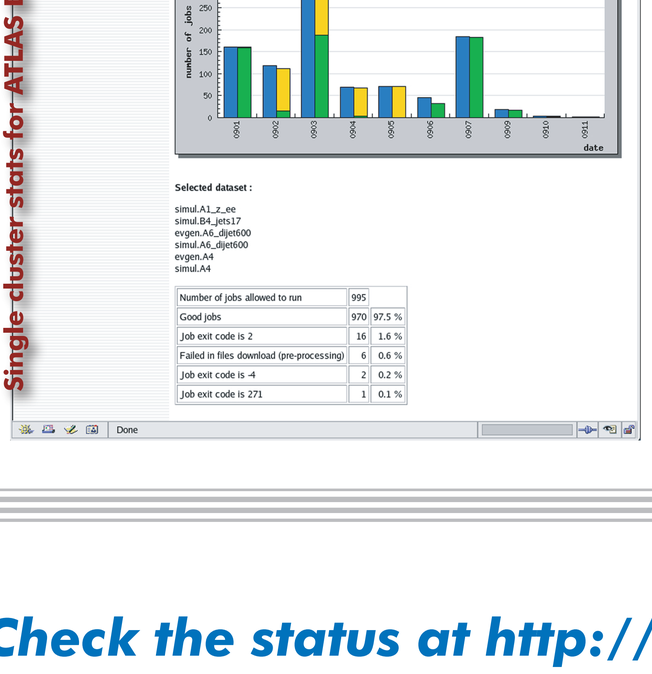
Attribute	Value
Distinguished name	nordugrid-job-globalid=gsiftp://farm.hep.lu.se:2811/jobs/5947109888022594766536 5, nordugrid-info-gl
objectClass	Mds
	nordugrid-job
ID	gsiftp://farm.hep.lu.se:2811/jobs/5947109888022594766536 5
Owner	/O=Grid/O=NorduGrid/OU=tsl.uu.se/CN=Mattias Ellert
Name	dc2.003055.simul.A5_zji_.09107.job
Submission time (GMT)	2004-10-27 12:30:25
Execution cluster	farm.hep.lu.se
Execution queue	slowq
Status	INLRMS: R
Used CPU time	2670
Used wall time	2678
Used memory (KB)	290140
Requested CPU time	5618
Execution nodes	o7/1
LRMS comment	Job run on node o7 - at Sun Oct 31 at 20:47
Requested CPUs	1
Standard output file	dc2.003055.simul.A5_zji_.09107.job.log.3
Standard error file	dc2.003055.simul.A5_zji_.09107.job.log.3
GM log file	gmlog
Runtime environment	ATLAS-8.0.5
Submission machine	130.238.68.12:58771:ellert.tsl.uu.se
Client version	nordugrid-0.4.4
Proxy expiration time (GMT)	20041106120834Z
Mds-validfrom	2004-11-02 16:25:21
Mds-validto	2004-11-02 16:25:51

Logger is the Grid service that accumulates task status reports as provided by the computing resources. The records are persistently stored in a database, allowing further accounting, bookkeeping, provenance and statistics inquiries. The Logger is based on gSOAP and Globus I/O API. It provides a front-end to the underlying MySQL database to store and retrieve information about computing resources' usage.

The Logger database is accessible via the graphical Web interface, implemented using PHP4, JavaScript and GD-based JPGraph module.

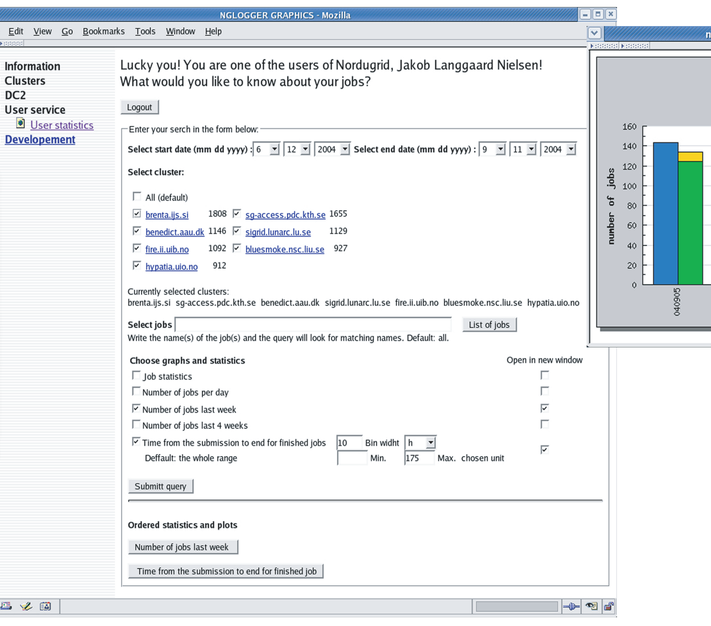
The Logger is complementary to the Monitor as it shows the history of the Grid usage. The graphical interface has a set of pre-defined queries, based on different requests to the database, like a cluster usage information, a snapshot of a certain time period, or a specific application or user.

Single cluster stats for ATLAS DC2



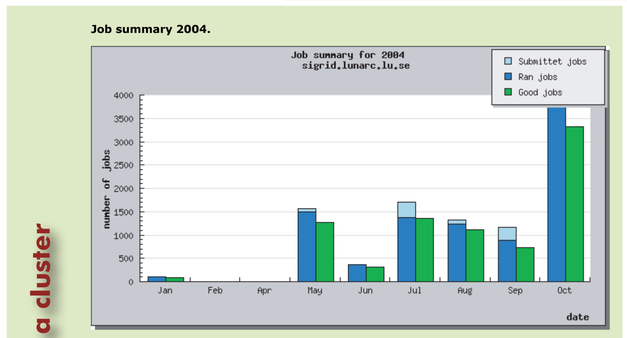
ATLAS Data Challenge 2 stats

Performance for a time period



Personalized statistics

Yearly summary for a cluster



The total number of submitted jobs contains jobs that were canceled by the user.

Number of jobs allowed to run	9445	
Good jobs	8193	86.7 %
Failed in files download (pre-processing)	672	7.1 %
Job exit code is 271	156	1.7 %
Job exit code is 1	147	1.6 %
Job exit code is 2	140	1.5 %
Job submission to LRMS failed	47	0.5 %
Job exit code is -1	31	0.3 %
Job exit code is 127	12	0.1 %
Job exit code is 98	9	0.1 %
Job exit code is 265	7	0.1 %
Failed in files download due to expired credentials - try to renew	5	0.1 %
Job exit code is 64	5	0.1 %
Job exit code is 67	5	0.1 %
User requested to cancel the job (% of the total number of submitted jobs)	748	7.3 %
Total number of jobs	10193	

Check the status at http://www.nordugrid.org