

GridPP

UK Computing for Particle Physics

The Glasgow Dashboard

Mike Kenyon

11th June 2010



University
of Glasgow



GOC Status

Site	CPU Tot	CPU Free	Jobs Cur	Jobs Wait	Disk Tot	Disk Free
UKI-SCOTGRID-GLASGOW	338	1320	404	85	428.4	220.3

SAM Tests

Hours ago	CE					SRMv2					Availability													
9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month	6 Mon	
UKI-SCOTGRID-GLASGOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	87%	98%	96%	98%

ATLAS SAM Tests

Hours ago	CE					SRMv2					Availability													
9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month	6 Mon	
UKI-SCOTGRID-GLASGOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	96%	98%	99%

CMS SAM Tests

Hours ago	CE					SRMv2					Availability													
9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month	6 Mon	
UKI-SCOTGRID-GLASGOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	99%	97%	98%

LHCb SAM Tests

Hours ago	CE					Availability								
9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month	6 Mon	
UKI-SCOTGRID-GLASGOW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	100%	100%	98%

ATLAS Tests

Institute	Release	Replica	Hello World	New Package	User Analysis	Last 24 hrs Status
UKI-SCOTGRID-GLASGOW	15.6.9	DPM	✓	✓	✓	100%

SE Tests

Site	SE	Status of Last 10 Tests										Time of Last Test		Overall	
9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Time (s)			
UKI-SCOTGRID-GLASGOW	svr018.gla.scotgrid.ac.uk	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10/06/10 07:45	10/06/10 07:45	28.800

RB Tests

Resource Broker	Pri	Status of Last 10 Jobs										Time of Last Job		Average Time Taken (sec)			Overall				
4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Submit	Status	Output	Total	Status
Scot gLite WMS 1	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10/06/10 08:20	10/06/10 07:35	4.200	0.000	4.667	1838	Fair
Scot gLite WMS 2	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10/06/10 08:20	10/06/10 07:50	7.100	0.100	5.500	3443	Fair

BDII Tests

Status of Last 10 Queries										Time of Last Query		Overall			
9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Time	Status		
ScotGrid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10/06/10 08:27	10/06/10 08:27	16.068	Good

Site Status for CMS

Site Name	Visible	JobRobot	SAM TESTS		Production	Analysis	Site usage		Phedex		Commissioned Links		Maintenance		Under investigation	SiteIssues	Savannah CMS
T3_UK_ScotGrid_GLA	✓	n/a	✓	✓	✓	n/a	✓	✓	n/a	n/a	✓	✓	✓	✓	✓	info	n/a

SiteName	Service Type	Service Name	basic	sft-job	analysis	prod	mc	frontier	squid	swinst	get-pfn-from-tfc	lcg-cp
T3_UK_ScotGrid_GLA	CE	svr021.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK		
		svr026.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK		
	SRMv2	svr018.gla.scotgrid.ac.uk									OK	OK

Worker Nodes Load last day

Janet Status

Backbone
All up (total: 13)
ClydeNET

APEL Status

RecordStart	RecordEnd	Record Count In Your Database	RecordCount What You Published	Synchronisation Status
2010-06-01	2010-06-09	173242	173242	OK [last published 0 days ago: 2010-06-09]
2010-05-01	2010-05-31	510207	510201	OK [minor discrepancy in event numbers]
2010-04-01	2010-04-30	535503	535503	OK



GOC Status	UKI-SCOTGRID-GLASGOW	CPU Free	Jobs Cur	Jobs Wait	Disk Free
		338	1920	404	428.4

SAM Tests	CE		SRMv2		Availability		
	Hours ago:	9 8 7 6 5 4 3 2 1 0	9 8 7 6 5 4 3 2 1 0	24 Hrs	Week	Month	6 Mon
	UKI-SCOTGRID-GLASGOW	100%	98%	96%	98%		

ATLAS SAM Tests	CE		SRMv2		Availability		
	Hours ago:	9 8 7 6 5 4 3 2 1 0	9 8 7 6 5 4 3 2 1 0	24 Hrs	Week	Month	6 Mon
	UKI-SCOTGRID-GLASGOW	100%	96%	98%	99%		

CMS SAM Tests	CE		SRMv2		Availability		
	Hours ago:	9 8 7 6 5 4 3 2 1 0	9 8 7 6 5 4 3 2 1 0	24 Hrs	Week	Month	6 Mon
	UKI-SCOTGRID-GLASGOW	100%	99%	97%	98%		

LHCb SAM Tests	CE		Availability				
	Hours ago:	9 8 7 6 5 4 3 2 1 0	24 Hrs	Week	Month	6 Mon	
	UKI-SCOTGRID-GLASGOW	100%	100%	100%	98%		

ATLAS Tests	Institute	Release	Replica	Hello World	New Package	User Analysis	Last 24 hrs	Status
	UKI-SCOTGRID-GLASGOW	15.6.9	DPM	S	S	S	100%	

SE Tests	Site	SE	Status of Last 10 Tests		Time of Last Test		Overall								
	UKI-SCOTGRID-GLASGOW	svr018.gla.scotgrid.ac.uk	9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Time (s)
			S	S	S	S	S	S	S	S	S	S	10/06/10 07:45	10/06/10 07:45	28.80

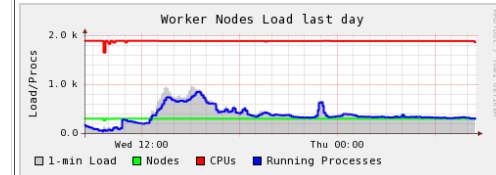
RB Tests	Status of Last 10 Jobs		Time of Last Job		Average Time Taken (sec)		Overall												
	Resource Broker	Pri	9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Submit Status	Output	Total	Status	
	Scot gLite WMS 1	4	S	S	S	S	S	S	S	S	S	S	10/06/10 08:20	10/06/10 07:35	4.200	0.000	4.667	1838	Fail
	Scot gLite WMS 2	5	C	S	C	C	C	C	C	C	C	C	10/06/10 08:20	10/06/10 07:50	7.100	0.100	5.500	3443	Fail

BDII Tests	Status of Last 10 Queries		Time of Last Query		Overall											
	BDII	9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Time	Status	
	ScotGrid	S	S	S	S	S	S	S	S	S	S	S	10/06/10 08:27	10/06/10 08:27	16.068	Good

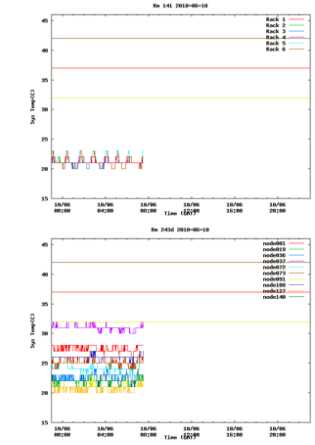
Site Status for CMS

Site Name	Visible	JobRobot	SAM TESTS	Production	Analysis	Site usage	Phedex	Commissioned Links	Maintenance	Under Investigation	SiteIssues	Savannah CMS
T3_UK_ScotGrid_GLA	OK	n/a	OK	OK	OK	OK	OK	OK	OK	OK	OK	n/a

SiteName	Service Type	Service Name	basic	sft-job	analysis	prod	mc	frontier	squid	swinst	get-pfn-from-tfc	lcg-cp
T3_UK_ScotGrid_GLA	CE	svr021.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK		
		svr026.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK		
	SRMv2	svr018.gla.scotgrid.ac.uk									OK	OK



Janet Status
Backbone All up (total: 13)
ClydeNET



APEL Status

RecordStart	RecordEnd	Record Count In Your Database	RecordCount What You Published	Synchronisation Status
2010-06-01	2010-06-09	173242	173242	OK [last published 0 days ago: 2010-06-09]
2010-05-01	2010-05-31	510207	510201	OK [minor discrepancy in event numbers]
2010-04-01	2010-04-30	535503	535503	OK



Glasgow Grid Status at 10 Jun 2010 09:04:14

Links to overall information: [RB Tests](#) [BDII Tests](#) [LFC Tests](#) [SAM Tests](#) [FCR](#) [SE Tests](#) [ATLAS Tests](#)

GOC Status

	CPU Tot	CPU Free	Jobs Cur	Jobs Wait	Disk Tot	Disk Free
UKI-SCOTGRID-GLASGOW	338	1320	404	85	428.4	220.3

SAM Tests

	CE										SRMv2										Availability			
Hours ago:	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month	6 Mon
UKI-SCOTGRID-GLASGOW	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	87%	98%	96%	98%

ATLAS SAM Tests

	CE										SRMv2										Availability			
Hours ago:	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month	6 Mon
UKI-SCOTGRID-GLASGOW	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100%	96%	98%	99%



- parseSL function
 - Takes URL and optional 'marker' as input.
 - Returns an array containing one SL <table> per element.

```
function parseSL($url, $marker)
{
    $raw = file_get_contents($url);
    $newlines = array("\t", "\n", "\r", "\x20\x20", "\0", "\x0B");
    $content = str_replace($newlines, "", html_entity_decode($raw));
    $start = strpos($content, $marker);
    $end = strpos($content, '</body>', $start) + 7;
    $alldata = substr($content, $start, $end - $start);
    preg_match_all("|<table(.*)</table>|U", $alldata, $tables);
    return ($tables);
}
```



- To customise for your site
 - Change URL.
 - Select the tables you want to use.

```
$tables=parseSL("http://pprc.qmul.ac.uk/~lloyd/gridpp/inst/Glasgow.html","");  
  
echo "<table><tr><td width=\"100\">GOC Status</td><td>";  
print_r ($tables[0][0]);  
echo "</td></tr></table>";  
echo "\n<br>\n\n";  
  
echo "<table><tr><td width=\"100\"><a href=\"http://pprc.qmul.ac.uk/~lloyd/gridpp/samtest.html\">SAM Tests</a></td><td>";  
print_r ($tables[0][1]);  
echo "</td></tr></table>";  
echo "\n<br>\n\n";
```



GOC Status

Site	CPU Tot	CPU Free	Jobs Cur	Jobs Wait	Disk Tot	Disk Free
UKI-SCOTGRID-GLASGOW	338	1920	404	85	428.4	220.3

SAM Tests

Hours ago	CE										SRMv2										Availability						
24 Hrs	Week	Month	6 Mon																								
UKI-SCOTGRID-GLASGOW	[Progress]										[Progress]										87%	98%	96%	98%			

ATLAS SAM Tests

Hours ago	CE										SRMv2										Availability			
UKI-SCOTGRID-GLASGOW	[Progress]										[Progress]										100%	96%	98%	99%

CMS SAM Tests

Hours ago	CE										SRMv2										Availability			
UKI-SCOTGRID-GLASGOW	[Progress]										[Progress]										100%	99%	97%	98%

LHCb SAM Tests

Hours ago	CE										Availability			
UKI-SCOTGRID-GLASGOW	[Progress]										100%	100%	100%	98%

ATLAS Tests

Institute	Release	Replica	Hello World	New Package	User Analysis	Last 24 hrs Status
UKI-SCOTGRID-GLASGOW	15.6.9	DPM	[Progress]	[Progress]	[Progress]	100%

SE Tests

Site	SE	Status of Last 10 Tests										Time of Last Test		Overall
		9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Time (s)
UKI-SCOTGRID-GLASGOW	svr018.gla.scotgrid.ac.uk	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	10/06/10 07:45	10/06/10 07:45	28.800

RB Tests

Resource Broker	Pri	9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Submit Status	Output	Total	Status	
Scot gLite WMS 1	4	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	10/06/10 08:20	10/06/10 07:35	4.200	0.000	4.667	1838	Fair
Scot gLite WMS 2	5	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	10/06/10 08:20	10/06/10 07:50	7.100	0.100	5.500	3443	Fair

BDII Tests

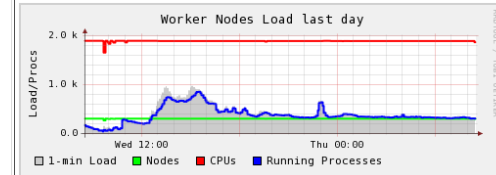
BDII	Status of Last 10 Queries										Time of Last Query		Overall		
		9	8	7	6	5	4	3	2	1	0	Submitted	Successful	Time	Status
ScotGrid	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	[Progress]	10/06/10 08:27	10/06/10 08:27	16.068	Good

Site Status for CMS

Site Name	Visible	JobRobot	SAM TESTS	Production	Analysis	Site usage	Phedex	Commissioned Links	Maintenance	Under Investigation	Site Issues	Savannah CMS
UK ScotGrid_GLA	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]

Service Status

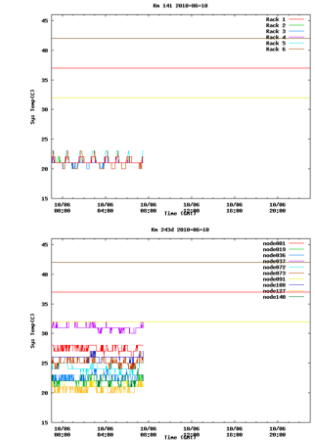
Site Name	Service Type	Service Name	basic	sft-job	analysis	prod	mc	frontier	squid	swinst	get-pfn-from-tfc	lcg-cp
T3_UK_ScotGrid_GLA	CE	svr021.gla.scotgrid.ac.uk	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]
		svr026.gla.scotgrid.ac.uk	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]
	SRMv2	svr026.gla.scotgrid.ac.uk	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]	[Status]



Janet Status

Backbone
All up (total: 13)

ClydeNET



APEL Status

RecordStart	RecordEnd	Record Count In Your Database	RecordCount What You Published	Synchronisation Status
2010-06-01	2010-06-09	173242	173242	OK [last published 0 days ago: 2010-06-09]
2010-05-01	2010-05-31	510207	510201	OK [minor discrepancy in event numbers]
2010-04-01	2010-04-30	535503	535503	OK



Site Status for T3_UK_ScotGrid_GLA

Put the mouse over any column header to get the description of the column
Clicking on a column header will display the evolution of that column over the last 24 hours

Site Name	Visible	JobRobot	SAM TESTS	Production	Analysis	Site usage	Phedex	Commissioned Links	Maintenance	Under investigation		
			CE	SRM		Running	Pending	In rate	Out rate	(expand this column)	(expand this column)	Under investigation
T3_UK_ScotGrid_GLA	OK	n/a	OK	OK	3%(778)	n/a	7	32	n/a	n/a	n/a	GOCDB

⚠: information is more than 24h old

Sitename	Service Type	Service Name	basic	sft-job	analysis	prod	mc	frontier	squid	swinst	get-pfn-from-tfc	lcg-cp
T3_UK_ScotGrid_GLA	CE	svr021.gla.scotgrid.ac.uk	ok	ok	ok	ok	ok	ok	ok	ok		
		svr026.gla.scotgrid.ac.uk	ok	ok	ok	ok	ok	ok	ok	ok		
	SRMv2	svr018.gla.scotgrid.ac.uk									ok	ok



- getTableRows function
 - Based on the parseSL function with minor changes.

```
function getTableRows($url, $marker)
{
    $raw = file_get_contents($url);
    $newlines = array("\t", "\n", "\r", "\x20\x20", "\0", "\x0B");
    $content = str_replace($newlines, "", html_entity_decode($raw));
    $start = strpos($content, $marker);
    $end = strpos($content, '</table>', $start) + 8;
    $table = substr($content, $start, $end - $start);
    preg_match_all('|<tr(.*)</tr>|U', $table, $rows);
    return ($rows);
}
```

- `getTableRows` function
 - Based on the `parseSL` function with minor changes.
 - Uses the `$marker` variable to find the correct table ('itsthetable').

```
//CMS summary output; note the tooltips don't update.
//get the table out of the page
$rows=getTableRows("http://dashb-ssb.cern.ch/dashboard/request.py/siteview?site=T3_UK_ScotGrid_GLA", "itsthetable");
echo "<table width=\"500\">\n\n";
echo "<link rel='stylesheet' type='text/css' href='http://dashb-ssb.cern.ch/dashboard/css/siteview/siteview.css'></l
http://dashb-ssb.cern.ch/templates/cache/SiteView/1658_3.png.js'></script><script type='text/javascript' src='http:/
A;text-align:left'><span id='logo' style='left: 10px; position: absolute;'><a href='http://dashboard.cern.ch/cms'><i
uest.py/siteviewhome?' style='text-decoration:none; color:#AAAAAA;'>Site Status for CMS</a></h2><h2 xmlns=''></table
echo "<script language=\"javascript\">write_divs()</script><div id=\"itsthetable\">\n\n";
echo "<table border=\"1\" style=\"height:auto;\" id=\"my_table\"><thead>";
//this is the table header
print_r ($rows[0][0]);
echo "</thead><tbody style=\"height:auto;\">\n\n";
//this is the actual data for our site
print_r ($rows[0][1] . "\n\n");
echo "</tbody></table></div><script language=\"javascript\">fixColWidth()</script>";
```



GOC Status	CPU Tot	CPU Free	Jobs Cur	Jobs Wait	Disk Tot	Disk Free
UKI-SCOTGRID-GLASGOW	338	1320	404	85	428.4	220.3

SAM Tests	CE	SRMv2	Availability
Hours ago:	9 8 7 6 5 4 3 2 1 0	9 8 7 6 5 4 3 2 1 0	24 Hrs Week Month 6 Mon
UKI-SCOTGRID-GLASGOW	[Green icons]	[Green icons]	87% 98% 96% 98%

ATLAS SAM Tests	CE	SRMv2	Availability
Hours ago:	9 8 7 6 5 4 3 2 1 0	9 8 7 6 5 4 3 2 1 0	24 Hrs Week Month 6 Mon
UKI-SCOTGRID-GLASGOW	[Green icons]	[Green icons]	100% 96% 98% 99%

CMS SAM Tests	CE	SRMv2	Availability
Hours ago:	9 8 7 6 5 4 3 2 1 0	9 8 7 6 5 4 3 2 1 0	24 Hrs Week Month 6 Mon
UKI-SCOTGRID-GLASGOW	[Green icons]	[Green icons]	100% 99% 97% 98%

LHCb SAM Tests	CE	Availability
Hours ago:	9 8 7 6 5 4 3 2 1 0	24 Hrs Week Month 6 Mon
UKI-SCOTGRID-GLASGOW	[Green icons]	100% 100% 100% 98%

ATLAS Tests	Institute	Release/Replica	Hello World	New Package	User Analysis	Last 24 hrs Status
UKI-SCOTGRID-GLASGOW		15.6.9 DPM	[Green icons]	[Green icons]	[Green icons]	100%

SE Tests	Site	SE	Status of Last 10 Tests	Time of Last Test	Overall
	UKI-SCOTGRID-GLASGOW	svr018.gla.scotgrid.ac.uk	9 8 7 6 5 4 3 2 1 0	Submitted Successful	Time (s)
			[Green icons]	10/06/10 07:45 10/06/10 07:45	28.800

RB Tests	Resource Broker	Pri	Status of Last 10 Jobs	Time of Last Job	Average Time Taken (sec)	Overall
	Scot gLite WMS 1	4	[Green icons]	10/06/10 08:20 10/06/10 07:35	4.200 0.000 4.667 1838	Fair
	Scot gLite WMS 2	5	[Green icons]	10/06/10 08:20 10/06/10 07:50	7.100 0.100 5.500 3443	Fair

BDII Tests	Status of Last 10 Queries	Time of Last Query	Overall
	9 8 7 6 5 4 3 2 1 0	Submitted Successful	Time Status
ScotGrid	[Green icons]	10/06/10 08:27 10/06/10 08:27	16.068 Good

Worker Nodes Load last day

Janet Status

Backbone All up (total: 13)

ClydeNET

APEL Status

RecordStart	RecordEnd	Record Count In Your Database	RecordCount What You Published	Synchronisation Status
2010-06-01	2010-06-09	173242	173242	OK [last published 0 days ago: 2010-06-09]
2010-05-01	2010-05-31	510207	510201	OK [minor discrepancy in event numbers]
2010-04-01	2010-04-30	535503	535503	OK

Site Status for CMS

Site Name	Visible	JobRobot	SAM TESTS	Production	Analysis	Site usage	Phedex	Commissioned Links	Maintenance	Under Investigation	SiteIssues	Savannah CMS
T3_UK_ScotGrid_GLA	[Green]	n/a	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]

SiteName	Service Type	Service Name	basic	sft-job	analysis	prod	mc	frontier	squid	swinst	get-pfn-from-tfc	lcg-cp
T3_UK_ScotGrid_GLA	CE	svr021.gla.scotgrid.ac.uk	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]
		svr026.gla.scotgrid.ac.uk	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]
	SRMv2	svr018.gla.scotgrid.ac.uk	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]	[Green]



- `getTableRows`
 - Need to parse 2 tables; one for the national status, the other for regional.
 - To customise; select row in “Regional Status” and then element of that row.

```
//parse the backbone table
$rows=getTableRows("http://netsight.ja.net/Public/HomePage.aspx?AspxAutoDetectCookieSupport=1","style=\"width:100%;position\"");
//print the backbone status
print_r ($rows[0][0]);
echo "<br>";
//parse the regional table
$rows=getTableRows("http://netsight.ja.net/Public/HomePage.aspx?AspxAutoDetectCookieSupport=1","style=\"width:100%;position:rel
//get the ClydeNet status (in fact, this grabs the ClydeNet and NNW status. ie. row 2 in the original table)
$tmpstring=$rows[0][2]
//pull the ClydeNet data out.
preg_match_all("/<td(.*)</td>|U",$tmpstring,$elements);
//print ClydeNet (if you wanted NNW, you'd use $elements[0][1] )
echo $elements[0][0];
echo "<br>";
```



GOC Status	CPU Tot	CPU Free	Jobs Cur	Jobs Wait	Disk Tot	Disk Free
UKI-SCOTGRID-GLASGOW	338	1320	404	85	428.4	220.3

SAM Tests	CE										SRMv2										Availability			
	Hours ago	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month
UKI-SCOTGRID-GLASGOW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87%	98%	96%	98%

ATLAS SAM Tests	CE										SRMv2										Availability			
	Hours ago	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month
UKI-SCOTGRID-GLASGOW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100%	96%	98%	99%

CMS SAM Tests	CE										SRMv2										Availability			
	Hours ago	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month
UKI-SCOTGRID-GLASGOW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100%	99%	97%	98%

LHCb SAM Tests	CE										Availability			
	Hours ago	9	8	7	6	5	4	3	2	1	0	24 Hrs	Week	Month
UKI-SCOTGRID-GLASGOW	0	0	0	0	0	0	0	0	0	0	100%	100%	100%	98%

ATLAS Tests	Institute	Release	Replica	Hello World	New Package	User Analysis	Last 24 hrs Status
UKI-SCOTGRID-GLASGOW		15.6.9	DPM	S	S	S	100%

SE Tests	Site	SE	Status of Last 10 Tests										Time of Last Test		Overall				
			9	8	7	6	5	4	3	2	1	0	Submitted	Successful		Time (s)			
UKI-SCOTGRID-GLASGOW	svr018.gla.scotgrid.ac.uk		S	S	S	S	S	S	S	S	S	S	S	S	S	S	10/06/10 07:45	10/06/10 07:45	28.800

RB Tests	Resource Broker	Pri	Status of Last 10 Jobs										Time of Last Job		Average Time Taken (sec)			Overall		
			4	3	2	1	0	0	0	0	0	0	0	0	0	0	0		0	0
Scot gLite WMS 1	4	S	S	S	S	S	S	S	S	S	S	S	S	10/06/10 08:20	10/06/10 07:35	4.200	0.000	4.667	1838	Fair
Scot gLite WMS 2	5	C	S	C	C	C	C	C	C	C	C	C	C	10/06/10 08:20	10/06/10 07:50	7.100	0.100	5.500	3443	Fair

BDII Tests	Status of Last 10 Queries										Time of Last Query		Overall			
	9	8	7	6	5	4	3	2	1	0	Submitted	Successful		Time	Status	
ScotGrid	S	S	S	S	S	S	S	S	S	S	S	S	10/06/10 08:27	10/06/10 08:27	16.068	Good

Site Status for CMS

Site Name	Visible	JobRobot	SAM TESTS	Production	Analysis	Site usage	Phedex	Commissioned Links	Maintenance	Under Investigation	Site Issues
T3_UK_ScotGrid_GLA	OK	n/a	OK	OK	OK	OK	OK	OK	OK	OK	OK

SiteName	Service Type	Service Name	basic	sft-job	analysis	prod	mc	frontier	squid	swinst	get-pfn-from-tfc	lcg-cp
T3_UK_ScotGrid_GLA	CE	svr025.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
		svr026.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	SRMv2	svr018.gla.scotgrid.ac.uk	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Worker Nodes Load last day

Janet Status

Backbone
All up (total: 13)
ClydeNET

APEL Status

RecordStart	RecordEnd	Record Count in Your Database	RecordCount What You Published	Synchronisation Status
2010-06-01	2010-06-09	173242	173242	OK [last published 0 days ago: 2010-06-09]
2010-05-01	2010-05-31	510207	510201	OK [minor discrepancy in event numbers]
2010-04-01	2010-04-30	535503	535503	OK

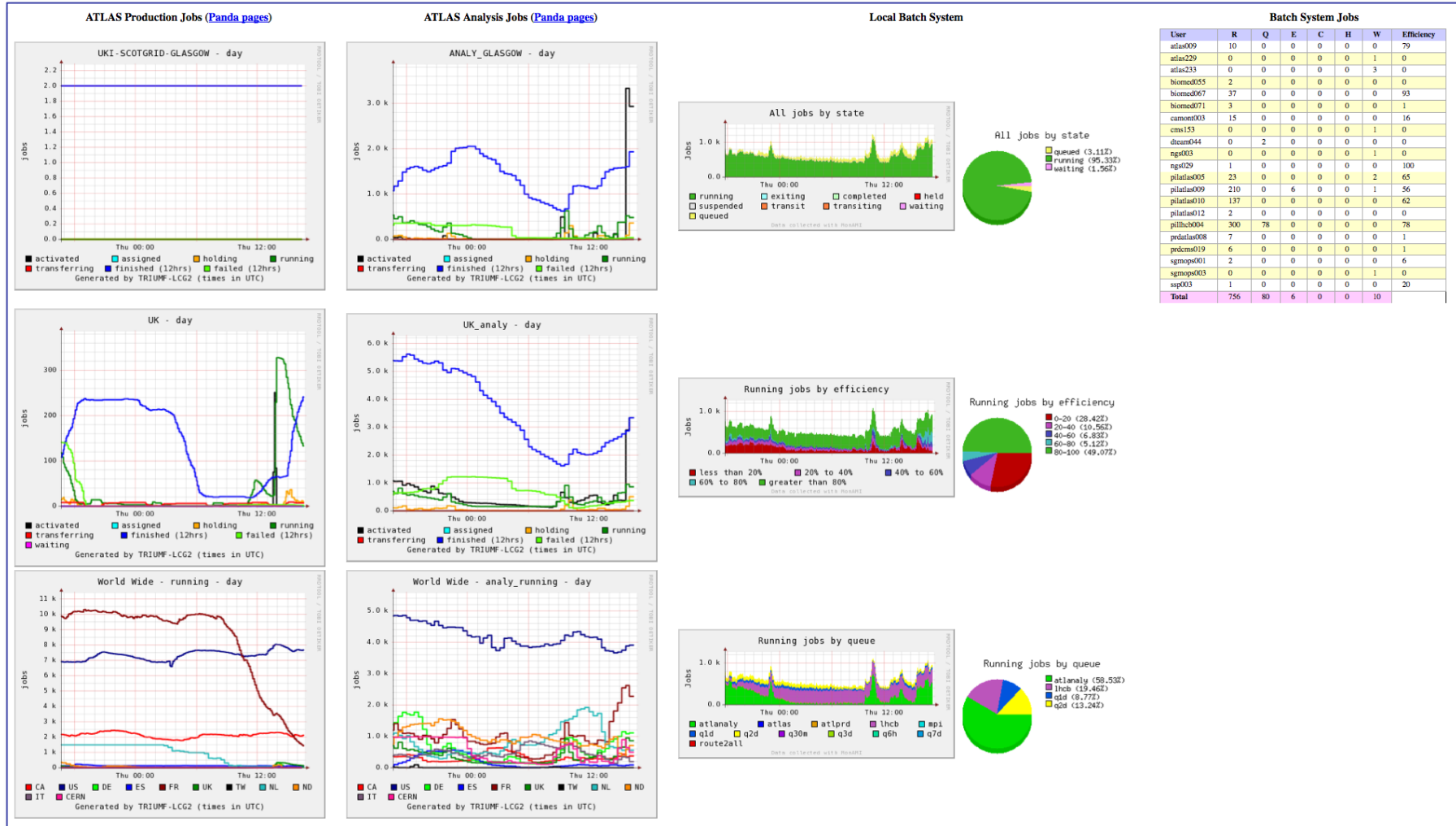


- `getTableRows` function (no \$marker needed)
 - To preserve the APEL formatting, `override.css` was created...or did I steal that?...I forget.
 - To customise; change URL and select the number of rows (months of history) you want.

```
//mini css to override weird colors from the APEL page.
echo "<link href=\"override.css\" rel=\"stylesheet\" type=\"text/css\" />";
echo "<tr><td><br></td></tr>";
echo "<tr><th align=right>APEL Status</th></tr>\n\n";
echo "<tr><td valign=bottom align=right>";
echo "<table face=\"Arial, Helvetica, sans-serif\" size=\"6px\" color=\"#000000\" bgcolor=\"#DDDDDD\">";

$rows=getTableRows("http://goc-accounting.grid-support.ac.uk/rss/UKI-SCOTGRID-GLASGOW_Sync.html");

print_r ($rows[0][1]);
print_r ($rows[0][2]);
print_r ($rows[0][3]);
print_r ($rows[0][4]);
echo "</tr></td>";
echo "</table>";
```



User	R	Q	E	C	H	W	Efficiency
atlas009	10	0	0	0	0	0	79
atlas229	0	0	0	0	0	1	0
atlas233	0	0	0	0	0	3	0
biomed055	2	0	0	0	0	0	0
biomed067	37	0	0	0	0	0	93
biomed071	3	0	0	0	0	0	1
camon003	15	0	0	0	0	0	16
cms153	0	0	0	0	0	1	0
dteam044	0	2	0	0	0	0	0
ngs003	0	0	0	0	0	1	0
ngs029	1	0	0	0	0	0	100
piatlas005	23	0	0	0	0	2	65
piatlas009	210	0	6	0	0	1	56
piatlas010	137	0	0	0	0	0	62
piatlas012	2	0	0	0	0	0	0
pihb004	300	78	0	0	0	0	78
prdlas008	7	0	0	0	0	0	1
prdcms019	6	0	0	0	0	0	1
sgmops001	2	0	0	0	0	0	6
sgmops003	0	0	0	0	0	1	0
ssp003	1	0	0	0	0	0	20
Total	756	80	6	0	0	10	



- Nothing too special here, just a mashup of
 - Triumf's Panglia plots (<http://gridinfo.triumf.ca/panglia/>)
 - <http://gridinfo.triumf.ca/panglia/sites/day.php?SITE=UKI-SCOTGRID-GLASGOW&SIZE=medium> (or =large) etc.
 - Our local MonAMI installation watching the batch server and producing Ganglia plots & pie charts.
 - <http://monami.sourceforge.net/>
 - PBSWebMon - dashboard only uses one of the available tables.
 - <http://sourceforge.net/apps/trac/pbswebmon/wiki>

- The usual suspects...

- Ganglia
- Cacti
- PBSWebMon
- RBWMSMon
- Pakiti
- DPM Monitoring
- Homebrew plots/scripts (node temp, WMSLB SB quota, blackholes)
- Nagios (inc. Firefox plugin & instant messaging)
- OSSEC
- ATLAS Computing Operations ELOG RSS feed
- ATLAS HyperNews (Dist Analysis, DDM Ops)
- ATLAS SpaceToken occupancies
 - http://atladcops.cern.ch/SLS/storage_space_histo_plots/srm_storage_space/Tier2s_Tot_Free_TB.out