

SBKService progress report

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Last week meeting recap

- Database accessed by high level functions – abstraction of data model
- `getSoftwareInfo([sites], [software])` – first function is up and running

Recap: Response details

{'OK': True, 'Value':{ **DIRAC response wrapping**

u'INFN-TORINO': **Site name**

[{'version': u'V0.2.5', 'software': u'FastSim'},
{'version': u'V0.0.1', 'software': u'FullSim'},
{'version': u'V0.0.2', 'software': u'FullSim'},
{'version': u'V0.0.3', 'software': u'FullSim'},
{'version': u'V0.0.4', 'software': u'FullSim'}]],

u'INFN-BARI': **Software versions**

[{'version': u'V0.2.5', 'software': u'FastSim'},
{'version': u'V0.0.1', 'software': u'FullSim'},
...

And so on...

Current task

- Function getting information about site as in WebUI site management

SITE INFO

Site name: **INFN-PISA**

Status for Nagios monitoring: **Working**

Delete site

Insert new CE

Insert new SE

SITE PARAMETERS

Label	Grid Flavor	Target Site	Workernode OS	Architecture	Threshold prepared	Threshold running	Threshold failed	Bunch dimension	Note
INFN-PISA	EGI	No	SL-5.3	x86_64	50	1000	10	100	

COMPUTING ELEMENTS SITE INFO

Show 10 entries

host

port

opt. requirements

gridce0.pi.infn.it	8443	delete
gridce1.pi.infn.it	8443	delete
gridce2.pi.infn.it	8443	delete

Showing 1 to 3 of 3 entries

First

Previous

1

Next

Last

STORAGE ELEMENTS SITE INFO

Show 10 entries

host

port

production storage area

analysis storage area

service

gridcrm.pi.infn.it	8444	/superb		delete
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Showing 1 to 1 of 1 entries

First

Previous

1

Next

Last

SESSION/PRODUCTION SITE INFO

Show 10 entries

session

enabled

supported

job graph

last activity

FastSim				2012-11-14 16:34:42	disable unsupport
production					
2010_July			# jobs: 400 # events: 400	Submitted by manzali on 2012-04-20 17:51:10	not allow
2010_September_307			# jobs: 3000 # events: 205000000	Submitted by ItoMassetti on 2010-09-23 12:54:00	allow
2010_September_311			# jobs: 3650 # events: 239500000	Submitted by ItoMassetti on 2010-10-02 18:21:00	allow
2012_Fast_Mesin1			# jobs: 0 # events: 0	Submitted by on null	not allow
FullSim				2012-11-15 14:57:48	enable support

getSiteDetails('INFN-PISA')

```
target_site : False
note :
storage_elements : [{'service': u'', 'site': u'INFN-PISA',
'production_storage_area': u'/superb', 'host': u'gridsrm.pi.infn.it',
'analysis_storage_area': u'', 'port': 8444}]
bunch_dimension : 100
threshold_prepared : 50
sessions : {u'FastSim': {'supported': True, 'enabled': True},
u'FullSim': {'supported': False, 'enabled': False}}
workernode_os : SL-5.3
label : INFN-PISA
grid_flavor : EGI
computing_elements : [{'host': u'gridce0.pi.infn.it', 'site': u'INFN-
PISA', 'opt_requirements': u'', 'port': 8443}, {'host':
u'gridce1.pi.infn.it', 'site': u'INFN-PISA', 'opt_requirements': u'',
'port': 8443}, {'host': u'gridce2.pi.infn.it', 'site': u'INFN-PISA',
'opt_requirements': u'', 'port': 8443}]
threshold_failed : 10
architecture : x86_64
thrashold_running : 1000
```


getSiteDetails(siteName)

- All basic data about the site, as presented in WebUI
- Missing most of the SESSION/PRODUCTION part, working on it

Future plans

- Integrating into DIRAC
- Filling missing information in getSiteDetails
- More functions, as needed