



UPDATE: proposed changes in QWG Nagios templates

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Nagios server configuration

`monitoring/nagios/config`

- Structure: location of e.g. RPM includes
- Host list derived from hardware database
 - Causes problems with hierarchy
 - Implementation needlessly (?) complicated
- Apache configuration?
- NSCA configuration?
 - Required for hierarchy

Almost done (except NSCA)



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Command definitions

monitoring/nagios/commands

- Essentially a huge list of command definitions
 - Useless if not having back-end script

```
"check_unreal" = "$USER1$/check_game uns  
$HOSTADDRESS$ -p $ARG1$ -pf 8";
```

- Need flexibility
 - Common generic template (standard)
 - AND site specific template (sites)

**Locally implemented,
need to merge**



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Generic vs Local configuration

- Some configuration is site-specific
 - Hosts / host groups
 - Contacts
 - Certain services
- Generic templates: partly example function

**Local code cleaned up,
need to merge**



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PNP4NAGIOS

- Visualization of performance metrics
- General setup easy to add
- Service tpl need modification
 - Optional, can be done on demand
 - Either adding 1 line
 - Or using a (new) generic service tpl

**Locally implemented,
need to merge**



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• Hierarchy of Nagios servers

- Optional!
- Two types: master (+ web interface), slave
- Types share host/service configuration
 - Differences: active/passive checks, notifications, forwarding check results, perf data)
 - Master: all hosts; Slave: subset of hosts
 - Conflicts with current automatic determination of hosts!
- Our implementation: grouping hosts, services
 - Per cluster (group)
 - Master uses sum
- Current implementation: site specific
 - Need for generic implementation?

**Local implementation
needs more generalization**



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Grid monitoring

- Enhancement for gLite monitoring
 - Based on EGEE/EGI work
- Uses Yaim :-)
- Interesting for community?

**No attempt yet to
make this generic**



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Summary

- No visible progress yet :-(
 - ... some progress behind the scenes
- Merge into SVN
 - Demands accuracy and dedication
 - Cannot test results (Complete? Consistent? Compatible with standard QWG?)
 - Will complete asap
- Grid monitoring: 1 step further
 - Works @Nikhef, not generic
 - Yaim setup



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