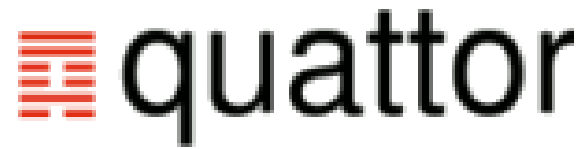


# 7th Quattor Workshop



## Report of Contributions

Contribution ID: 0

Type: **Talk**

## Pan Compiler

*Thursday 12 March 2009 09:00 (30 minutes)*

Presentation of the current state of the pan compiler along with outstanding bugs and enhancement requests. Discussion of “restricted include” enhancement request and other desired enhancements.

**Author:** LOOMIS, Cal (CNRS/LAL)

**Presenter:** LOOMIS, Cal (CNRS/LAL)

**Session Classification:** General Developments

Contribution ID: 1

Type: **Talk**

## Quattor in Amazon Cloud

*Thursday 12 March 2009 15:45 (30 minutes)*

A short presentation on what was done to use quattor to control machines running within the Amazon Web Services cloud.

**Author:** LOOMIS, Cal (CNRS/LAL)

**Presenter:** LOOMIS, Cal (CNRS/LAL)

**Session Classification:** General Developments

Contribution ID: 2

Type: **Talk**

## **Introduction, Survey, Roadmap**

*Wednesday 11 March 2009 13:00 (40 minutes)*

Welcome, Survey: Who's doing what with Quattor, Workshop Roadmap

**Author:** WILLIAMS, Nick (Morgan Stanley)

**Presenter:** WILLIAMS, Nick (Morgan Stanley)

**Session Classification:** Introduction

Contribution ID: 3

Type: **Talk**

## NCM Component Updates

*Thursday 12 March 2009 11:30 (45 minutes)*

A review of changes to core components over the last 6 months.

Morgan Stanley: we've made a number of enhancements to some core components. Many of these patches have now been submitted back into the trunk. This talk runs through the status of the changes to illustrate what new features are available with the cron, download and rootpw components, and the ccm, spma and ncm-ncd subsystems, and to get feedback on a couple of proposals: subclassing components and component status tracking (for testing if a configuration is up-to-date).

**Author:** WILLIAMS, Nick (Morgan Stanley)

**Presenter:** WILLIAMS, Nick (Morgan Stanley)

**Session Classification:** General Developments

Contribution ID: 4

Type: **not specified**

## **datawarehousing quattor: cdb2sql, quatview**

*Thursday 12 March 2009 14:00 (30 minutes)*

A comparison of the two different systems

**Author:** WILLIAMS, Nick (Morgan Stanley)

**Presenter:** WILLIAMS, Nick (Morgan Stanley)

**Session Classification:** General Developments

Contribution ID: 5

Type: **not specified**

## **Site Developments and Issues: LAL**

*Wednesday 11 March 2009 13:40 (10 minutes)*

**Presenter:** JOUVIN, Michel (LAL / IN2P3)

**Session Classification:** Introduction

Contribution ID: 6

Type: **not specified**

## **Site Developments and Issues: UAM**

*Wednesday 11 March 2009 13:50 (10 minutes)*

**Presenters:** DEL PESO, Jose (Departam.de Fisica Teorica); DEL CANO, Laura (Unknown)

**Session Classification:** Introduction



Contribution ID: 7

Type: **not specified**

## **Site Developments and Issues: CERN**

*Wednesday 11 March 2009 14:00 (10 minutes)*

**Author:** LEFEBURE, Veronique (CERN)

**Presenter:** LEFEBURE, Veronique (CERN)

**Session Classification:** Introduction

Contribution ID: 8

Type: **not specified**

## **Site Developments and Issues: CNAF**

*Wednesday 11 March 2009 14:10 (10 minutes)*

**Presenter:** CHIERICI, Andrea (INFN-CNAF)

**Session Classification:** Introduction

Contribution ID: 9

Type: **not specified**

## **Site Developments and Issues: Grid Ireland**

*Wednesday 11 March 2009 14:20 (10 minutes)*

**Presenter:** Dr CHILDS, Stephen (Trinity College Dublin)

**Session Classification:** Introduction

Contribution ID: **10**

Type: **not specified**

## **Site Developments and Issues: Nikhef**

*Wednesday 11 March 2009 14:30 (10 minutes)*

**Presenter:** STARINK, Ronald (Unknown)

**Session Classification:** Introduction

Contribution ID: 11

Type: **not specified**

## **Site Developments and Issues: CNRS/LAPP**

*Wednesday 11 March 2009 14:40 (10 minutes)*

**Presenter:** FEDE, Eric (CNRS/IN2P3/LAPP)

**Session Classification:** Introduction

Contribution ID: 12

Type: **not specified**

## **Site Developments and Issues: Morgan Stanley**

*Wednesday 11 March 2009 14:50 (10 minutes)*

**Session Classification:** Introduction

Contribution ID: 13

Type: **not specified**

## Aquilon Drive-Through

*Wednesday 11 March 2009 15:50 (50 minutes)*

A live tour of the Aquilon toolset showing our usage of Quattor, including a brief look at the monitoring integration. No slides available for this session.

**Presenter:** Mr HERTLEIN, Wesley (Morgan Stanley)

**Session Classification:** Introduction

Contribution ID: 14

Type: **not specified**

## **Quattor and Monitoring Integration at Grid Ireland**

*Wednesday 11 March 2009 16:40 (20 minutes)*

**Presenter:** Mr KENNY, Stuart (TCD)

**Session Classification:** Introduction



Contribution ID: 15

Type: **not specified**

## Sourceforge migration: status and discussion

*Thursday 12 March 2009 12:15 (45 minutes)*

Update on status of sourceforge move.

Discussion on further migration (mailing lists, QWG, issue trackers, ...)

**Session Classification:** General Developments

Contribution ID: 16

Type: **not specified**

## Using quattor for inventory management

*Thursday 12 March 2009 14:30 (1 hour)*

Various solutions (CERN, TCD, MS, ...)

Use of quattor as DB versus integration of quattor with inventory DB (a la MS?)

**Presenters:** Mr D'AQUILA, Scott (Morgan Stanley); LEFEBURE, Veronique (CERN)

**Session Classification:** General Developments

Contribution ID: 17

Type: **not specified**

## **SCDB update**

*Thursday 12 March 2009 09:30 (20 minutes)*

**Presenter:** JOUVIN, Michel (LAL / IN2P3)

**Session Classification:** General Developments

Contribution ID: **18**

Type: **not specified**

## Other tools

quatview update  
anything else, ...

Contribution ID: **19**

Type: **not specified**

## **QWG: management of accounts and roles**

*Thursday 12 March 2009 11:00 (30 minutes)*

Issues relating to the management of accounts and VOMS roles in QWG.

**Session Classification:** General Developments

Contribution ID: 20

Type: **not specified**

## **Review of open bugs/requests**

*Friday 13 March 2009 11:15 (30 minutes)*

**Session Classification:** Wrap-up

Contribution ID: 21

Type: **not specified**

## Wrap-up

*Friday 13 March 2009 11:45 (20 minutes)*

**Session Classification:** Wrap-up

Contribution ID: 22

Type: **not specified**

## European FP7 Project for Quattor

*Friday 13 March 2009 09:00 (30 minutes)*

Although the community is doing a good job in maintaining the quattor toolkit, the community lacks resources to expand, streamline, and document it. This fall there will be an FP7 Infrastructures call related to software for the European Grid Infrastructure. This scope of this call will include more than just the gLite middleware and will likely have an explicit reference to deployment and management of grid services. Support gained from such a project would allow us to dedicate effort to improve significantly the toolkit. This discussion is to determine if there is interest in submitting such a proposal and if so, what the program of work should be.

**Author:** LOOMIS, Cal (CNRS/LAL)

**Presenter:** LOOMIS, Cal (CNRS/LAL)

**Session Classification:** Wrap-up



Contribution ID: 23

Type: **not specified**

## Improving Quattor's Accessibility

*Friday 13 March 2009 09:30 (30 minutes)*

Although a powerful systems management toolkit, quattor suffers from the impression that it is difficult to understand and to use, especially for people new to systems management. The aim of the discussion is to determine how the community can make the quattor toolkit easier to use and thus more accessible to system administrators.

**Author:** LOOMIS, Cal (CNRS/LAL)

**Presenter:** LOOMIS, Cal (CNRS/LAL)

**Session Classification:** Wrap-up

Contribution ID: 24

Type: **not specified**

## Quattor Software Process

*Friday 13 March 2009 10:00 (30 minutes)*

The quattor community already has in place some tools to help with software maintenance and development as well as an automatic build system. The standard tools (bug tracking, code versioning, etc.) will probably converge to a coherent set with the move to the SourceForge repository. However, additional techniques such as static analysis and consistent use of unit tests could help improve the overall quality of the quattor toolkit. This short presentation and following discussion aims to converge on additional tools and/or techniques that the community would like to use during the development and release process.

**Author:** LOOMIS, Cal (CNRS/LAL)

**Presenter:** LOOMIS, Cal (CNRS/LAL)

**Session Classification:** Wrap-up

Contribution ID: 25

Type: **not specified**

## QWG Template Updates

*Thursday 12 March 2009 09:50 (30 minutes)*

**Presenter:** JOUVIN, Michel (LAL / IN2P3)

**Session Classification:** General Developments

Contribution ID: 26

Type: **not specified**

## QWG Monitoring Templates Discussion

*Wednesday 11 March 2009 17:00 (25 minutes)*

- Integration of templates related to monitoring tools : who support them ? who use them ?  
For Nagios we have to different set of templates based on 2 slightly different approaches :  
how we evaluate them and if possible merge them ?

how information defined once in quattor can be used to configure both client and server for a range of monitoring services. For example, being able to configure a logical group of machines once and then have that translated into the appropriate lemon (or nagios or ganglia) configuration.

**Presenter:** JOUVIN, Michel (LAL / IN2P3)

**Session Classification:** Introduction

Contribution ID: 27

Type: **not specified**

## **General Q&A**

*Thursday 12 March 2009 16:45 (40 minutes)*

How other groups are getting things done. Panel-style?

**Session Classification:** General Developments

Contribution ID: **28**

Type: **not specified**

## Virtualization

*Thursday 12 March 2009 16:15 (30 minutes)*

OpenVZ and Xen both supported, in use by different groups. Possibly VMware to come. Is a more general model possible? Who maintains now?

**Session Classification:** General Developments

Contribution ID: 29

Type: **not specified**

## Site Developments and Issues: AUTH

*Wednesday 11 March 2009 15:20 (20 minutes)*

Status of Quattor usage in AUTH

**Author:** ZILASKOS, Dimitrios (AUTH-GRNET)

**Presenter:** ZILASKOS, Dimitrios (AUTH-GRNET)

**Session Classification:** Introduction

Contribution ID: **30**

Type: **not specified**

## **Future Features**

*Friday 13 March 2009 10:30 (30 minutes)*

What features are different people working, that others want to collaborate on? How do we track such work?

**Presenters:** WILLIAMS, Nick (Morgan Stanley); Mr D'AQUILA, Scott (Morgan Stanley)

**Session Classification:** Wrap-up



Contribution ID: **31**

Type: **not specified**

## **QWG Monitoring Templates**

*Thursday 12 March 2009 10:20 (25 minutes)*

Follow-up for the discussion on Monday, more focused on template management and maintenance

**Session Classification:** General Developments