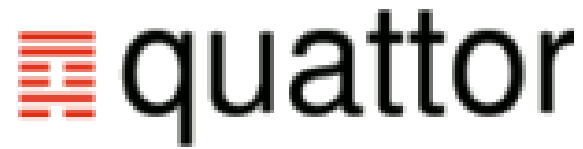


7th Quattor Workshop



Report of Contributions

Contribution ID: 0

Type: **Talk**

Pan Compiler

Thursday, March 12, 2009 9:00 AM (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.

Primary author: LOOMIS, Cal (CNRS/LAL)

Presenter: LOOMIS, Cal (CNRS/LAL)

Session Classification: General Developments

Contribution ID: 1

Type: **Talk**

Quattor in Amazon Cloud

Thursday, March 12, 2009 3:45 PM (30 minutes)

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

Primary author: LOOMIS, Cal (CNRS/LAL)

Presenter: LOOMIS, Cal (CNRS/LAL)

Session Classification: General Developments

Contribution ID: 2

Type: **Talk**

Introduction, Survey, Roadmap

Wednesday, March 11, 2009 1:00 PM (40 minutes)

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

Primary author: WILLIAMS, Nick (Morgan Stanley)

Presenter: WILLIAMS, Nick (Morgan Stanley)

Session Classification: Introduction

Contribution ID: 3

Type: **Talk**

NCM Component Updates

Thursday, March 12, 2009 11:30 AM (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).

Primary 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, March 12, 2009 2:00 PM (30 minutes)

A comparison of the two different systems

Primary 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, March 11, 2009 1:40 PM (10 minutes)

Presenter: JOUVIN, Michel (LAL / IN2P3)

Session Classification: Introduction

Contribution ID: 6

Type: **not specified**

Site Developments and Issues: UAM

Wednesday, March 11, 2009 1:50 PM (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, March 11, 2009 2:00 PM (10 minutes)

Primary author: LEFEBURE, Veronique (CERN)

Presenter: LEFEBURE, Veronique (CERN)

Session Classification: Introduction

Contribution ID: 8

Type: **not specified**

Site Developments and Issues: CNAF

Wednesday, March 11, 2009 2:10 PM (10 minutes)

Presenter: CHIERICI, Andrea (INFN-CNAF)

Session Classification: Introduction

Contribution ID: 9

Type: **not specified**

Site Developments and Issues: Grid Ireland

Wednesday, March 11, 2009 2:20 PM (10 minutes)

Presenter: Dr CHILDS, Stephen (Trinity College Dublin)

Session Classification: Introduction

Contribution ID: **10**

Type: **not specified**

Site Developments and Issues: Nikhef

Wednesday, March 11, 2009 2:30 PM (10 minutes)

Presenter: STARINK, Ronald (Unknown)

Session Classification: Introduction

Contribution ID: 11

Type: **not specified**

Site Developments and Issues: CNRS/LAPP

Wednesday, March 11, 2009 2:40 PM (10 minutes)

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

Session Classification: Introduction

Contribution ID: 12

Type: **not specified**

Site Developments and Issues: Morgan Stanley

Wednesday, March 11, 2009 2:50 PM (10 minutes)

Session Classification: Introduction

Contribution ID: 13

Type: **not specified**

Aquilon Drive-Through

Wednesday, March 11, 2009 3:50 PM (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, March 11, 2009 4:40 PM (20 minutes)

Presenter: Mr KENNY, Stuart (TCD)

Session Classification: Introduction

Contribution ID: 15

Type: **not specified**

Sourceforge migration: status and discussion

Thursday, March 12, 2009 12:15 PM (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, March 12, 2009 2:30 PM (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, March 12, 2009 9:30 AM (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, March 12, 2009 11:00 AM (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, March 13, 2009 11:15 AM (30 minutes)

Session Classification: Wrap-up

Contribution ID: 21

Type: **not specified**

Wrap-up

Friday, March 13, 2009 11:45 AM (20 minutes)

Session Classification: Wrap-up

Contribution ID: 22

Type: **not specified**

European FP7 Project for Quattor

Friday, March 13, 2009 9:00 AM (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.

Primary 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, March 13, 2009 9:30 AM (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.

Primary author: LOOMIS, Cal (CNRS/LAL)

Presenter: LOOMIS, Cal (CNRS/LAL)

Session Classification: Wrap-up

Contribution ID: 24

Type: **not specified**

Quattor Software Process

Friday, March 13, 2009 10:00 AM (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.

Primary author: LOOMIS, Cal (CNRS/LAL)

Presenter: LOOMIS, Cal (CNRS/LAL)

Session Classification: Wrap-up

Contribution ID: 25

Type: **not specified**

QWG Template Updates

Thursday, March 12, 2009 9:50 AM (30 minutes)

Presenter: JOUVIN, Michel (LAL / IN2P3)

Session Classification: General Developments

Contribution ID: 26

Type: **not specified**

QWG Monitoring Templates Discussion

Wednesday, March 11, 2009 5:00 PM (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, March 12, 2009 4:45 PM (40 minutes)

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

Session Classification: General Developments

Contribution ID: 28

Type: **not specified**

Virtualization

Thursday, March 12, 2009 4:15 PM (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, March 11, 2009 3:20 PM (20 minutes)

Status of Quattor usage in AUTH

Primary author: ZILASKOS, Dimitrios (AUTH-GRNET)

Presenter: ZILASKOS, Dimitrios (AUTH-GRNET)

Session Classification: Introduction

Contribution ID: **30**

Type: **not specified**

Future Features

Friday, March 13, 2009 10:30 AM (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, March 12, 2009 10:20 AM (25 minutes)

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

Session Classification: General Developments