



Enabling Grids for E-scienceE

# European FP7 Project for Quattor

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[www.eu-egee.org](http://www.eu-egee.org)



Information Society  
and Media



- **Current situation**
- **FP7 Infrastructure Calls**
- **Project Description**
- **Interest?**
- **Schedule**

- **Quattor Community Exists!**
  - Provides basic support for new and existing users.
  - Community runs tutorials occasionally.
  - Have developers in place for maintenance.
- **Missing Manpower**
  - Developers usually only fix ‘urgent’ or ‘trivial’ things.
  - No effort to make significant changes to quattor toolkit.
  - Often basic things like documentation are left undone.
  - No dedicated effort to work on code quality.

- **In September, there will be FP7 Infrastructure calls for projects related to the European Grid Infrastructure.**
  - European Grid Infrastructure (probably targeted call)
  - User Community Support
  - Grid Middleware
    - gLite development
    - Build and test infrastructure
    - *Tools for service deployment and machine maintenance.*
- **Any project in this call would need to have a strong relation to EGI. Quattor use is high on EGEE infrastructure and expect this won't be a problem.**

- **Institutional Requirements**
  - Need to identify a lead partner.
  - Must involve typically, at least 3-5 different countries.
  - Partners must be legal bodies or Joint Research Units.
  - Both academic and commercial partners are permitted.
  
- **Project Requirements**
  - Scale of funding must fit in the call guidelines.
  - Usually significant matching effort required.
  - Must have JRA, NA, and SA components.
  - Must include dissemination and sustainability plans.

- **Improve quality and efficiency of quattor toolkit for grid infrastructure management.**
- **Add functionality to allow efficient control of full machine lifecycle and of diverse (e.g. virtualized) resources.**

- **Networking Activities (NA)**
  - Management/Quality Control
  - Dissemination/Training
- **Service Activities (SA)**
  - Build and test infrastructure.
  - Release management.
- **Joint Research Activities (JRA)**
  - Improvement of current quattor tools.
  - Control of cloud or virtualized resources.
  - Full lifecycle management.
  - Investigation of IPv6 problems and benefits.

- **Need to identify partners:**
  - Must cover all major parts of the quattor toolkit.
  - Commercial partners would be especially welcome!
- **Must define roadmap:**
  - What features are needed?
  - What is the timescale for achieving them?
- **Determine plans for:**
  - Dissemination.
  - Sustainability.
- **Schedule:**
  - Identify partners by June.
  - Detailed outline of project by September.
  - Finalize project description and financial aspects by December.