



Enabling Grids for E-scienceE



Automating quattor builds

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Information Society
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- **We need automatic builds of quattor software**
 - To provide a public software repository (especially for ncm-components)
 - To make the release procedure easier
 - To see whether software builds
- **Sourceforge does not provide build facilities**
- **Adventures with ETICS**
 - Last year put some effort into adding ncm-components to ETICS
 - Should build latest version in head for each component
 - Still seems to work (see results [here](#))
 - Resulting packages can be hosted persistently
 - ETICS clients: awkward and slow (web), unstable (CLI) – in my experience
 - Not sure it can do regular scheduled builds yet
 - Not sure how to build all components within subsystem (with summary report)
 - Do we stick with it?
- **Is there a better solution?**
 - If we use different software, someone has to host it ...

- Script (gencompswebdoc) developed to extract documentation for components (see slightly outdated output [here](#))
- Needs to run regularly (outside SF – no cron support ATM)
 - Update checkout of components
 - Rerun script
 - Upload results to SF
- Should be extended to other core software and linked from wiki
- All documentation and status pages must be automatically derived from the code: any solution that relies on editing wikis **won't work**
 - We have the information: current version, *stable* and *latest* tags