

Building a release

Tools used, ETICS, missing tools
SA3

- **This requires various tools (or mechanisms)**
- **Many are provided by ETICS**
- **But there are others too**
- **Discussion on the practicalities, not the process**
- **Responsibilities of SA3**
 - Release/Update definition and distribution
 - Integration
 - Configuration
 - Certification
 - Development
 - Support

- Requirement Capture and TCG
- EMT and communication of status (in all directions)
- Savannah and release definition
- Distribution
 - apt/yum/rpms
 - Meta-rpms
 - Tarballs and userland installations
 - Shares or AFS distros
- Repository management, glitesoft mirror
- Documentation, wikis, versioning docs
- Release announcements and archiving

- Builds (mostly) done using the “**gLite build system**”
- Gradually being moved to **ETICS**, similar functionality, but more flexible and more easily accessible information (which tag of this component has been used in that build?)
- Integration builds done “**on-demand**” with content agreed by EMT and gLite coordination meetings
- **Nightly** and **continuous** builds done on SLC3 (ia32 and ia64), SLC4 (ia32, x86_64), Windows XP
- **Not all code** compiles, several problems with external dependencies (see also porting session)
- Need to understand better **requirements** for developers build and porting, how can the ITeam and ETICS help?

- Xen
- **What mechanisms need to be put in place to run a distributed testbed?**
 - Access control
 - “Fabric management”
 - Configuration management
 - Node allocation

- **BDII and gip**
- **RGMA log file publishers**
- **Job monitoring utils**
- **Lots of glue**
 - profile, gridmap
- **Yaim and its community**
 - Includes gLite config modules

- **GGUS and user interaction**
 - Assignment and search within support unit
 - Targeted notifications
 - Removal of a person from a ticket
 - TPM
 - Earlier ticket assignment, ROCs
 - Should GGUS become (another) a place to log issues such as portability problems?

- **ETICS issues**
 - User interface not yet ready, configuration info must be inserted by ETICS team (however, CLIs and web app coming in July)
 - Test automation of gLite requires more functionality than initially planned (root execution, interactive access). Work is in progress, but how long can SA3 wait for it?
- **Savannah (?)**
 - Which patch fixes which bug which was tagged with which tag when? Are you sure?
- **Relocatable releases**
 - ETICS?
- **Documentation**
- **Announcements**
- **Yaim and configuration**
- **GGUS**

- **Node type distribution and native system – the balance will change**
- **Simplify, but what is wrapping what? python/bash? What's the simplest way to simplify?**
- **Admin familiarity**
- **Community support and devolution**
- **Interoperability**