

Tasks undertaken as part of the engineering thesis

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AGH

Agenda



Characteristics of the new project architecture:

- Every module does only need minimal required dependencies to compile
- New architecture does bring valuable information about dependencies in the project and inter-module interactions
- Modules has been hierarchized. There are hierarchy levels and dependencies point only towards the lower level of hierarchy.



AGH New project architecture

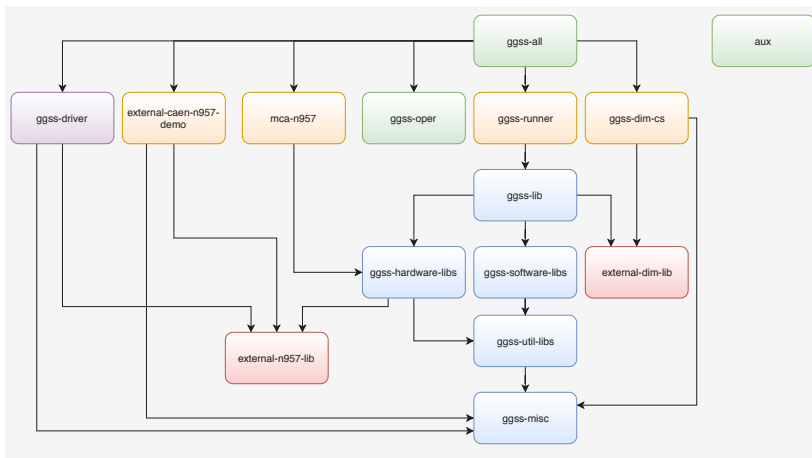


Figure: Architecture of the GGSS project



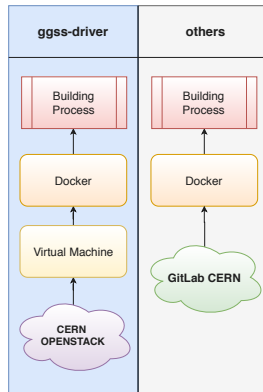
- Project has been migrated to GIT version control system. Every module has been divided into separate repository. Submodule feature has been used to achieve hierarchical structure and support fast setup of development environment.
- **atlas-trt-dcs-ggss** group has been created within which 20 repositories has been created.
- Issues, Milestones and Kanban Board are being used to organize and track work throughout development.



Following resources has been used to establish building environment:

- GitLab CERN resources - to run CI/CD on every single repository except ggss-driver which requires control over installed kernel version
- OpenStack CERN resources - to run CI/CD for ggss-driver

Docker image has been prepared to achieve fast and reliable environment.



Thank You! Questions?