

Developer Area

Tools

The project makes use of the following software development tools:

- [JIRA](#): the ticketing system
- [Baltig](#): the software repository base on git technology
- [Cloud Veneto](#): the cloud infrastructure in Padova
- [Pandora](#): the object storage system of INFN

Any developer is supposed to have access to the previous services with all the permissions related to his/her role.

How-to and guides

- [Setup a build environment](#): starting from scratch, create the environment for the build system and test suite; it's a requirement for all other guides
- [The OpenCMT Image Builder](#): build and test the reconstruction software
- [The OpenCMT Castor Simulator](#): build and test the MUTOMCA simulation software
- [The OpenCMT Blast Furnace Simulator](#): build and test the BLEMAB simulation software
- [Track reconstruction for DT](#): build and run the track reconstruction software for Drift Tube detectors
- [Track reconstruction for SL](#): build and run the track reconstruction software for CMS Super-Layers
- [Useful tools](#): instructions for additional utility software tools