

How to compile ILCSoft?

 This is only needed when no central repository is available such as afs or cvmfs.

This package is generally only required for testbeam to have a local ILCSoft version. A superbuild package has been developed to install the minimum required software for testbeam. This package take care of downloading and building the necessary packages and creates a script `init_ilcsoft.sh` for initialisation. You can find the package here: <https://github.com/CALICETB>

Pre-requirements

- python-dev
- libbz2-dev
- g++ 4.8 minimum
- ROOT pre-requirements : <https://root.cern.ch/build-prerequisites>
- CMake 2.8 minimum
- git
- OpenSSL
- subversion with neon/serf modules
- perl > 5.14
- python > 2.6
- JDK/JRE (Java development toolkit)
- glut libraries --> freeglut3-dev
- libncurses5-dev (ubuntu 14)
- libxrender-dev (ubuntu 14)

Installation

The installation is pretty simple. After installing the pre-requirements, do

```
cd <workspace>
git clone https://github.com/CALICETB/ILCSoftInstall.git ILCSoftInstall
cd ILCSoftInstall
mkdir build
cd build
cmake ..
make
```