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GeomConverter

GeomConverter takes care of creating the geometry description files required by other tools. All these files are created from a single compact geometry description (*compact.xml*).

Installation

Requirements

- JAVA 1.5 or higher
- Maven

Installing from Scratch

Check out the project from CVS:

```
export CVSROOT=:pserver:anonymous@cvs.freehep.org:/cvs/lcd
cvs login (just hit enter when prompted for password)
cvs co GeomConverter
```

Build it with maven:

```
cd GeomConverter
mvn -DskipTests=true clean install
```

Preinstalled Version on AFS

You can find a pre-installed version on the CERN-LCD AFS space.

```
/afs/cern.ch/eng/clic/software/GeomConverter/
```

Running GeomConverter

Go to the *target* directory in the GeomConverter installation directory and use the command line interface

```
java -jar GeomConverter-<version>-bin.jar [-o <format>] [<inputFile> [<outputFile>]]
```

or the GUI

```
java -jar GeomConverter-<version>-bin.jar
```

Output Formats

Format	Description
heprep	used by wired event display
lcdd	gdml based geometry description, used by SLIC
pandora	simplified geometry used by PandoraPFA

FAQ

This topic: CLIC > GeomConverter

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