

slicPandora Old Build Instructions

Old Build Instructions



Deprecated

The build instructions below are out of date and don't work anymore.

```

# ROOT
export ROOTSYS=/path/to/root/directory
export PATH=$ROOTSYS/bin:$PATH

# Build ilcutil
svn co http://svnsrv.desy.de/public/ilctools/ilcutil/trunk ilcutil
cd ilcutil
cmake .
make install
export ILCUTIL_DIR=`pwd`
# Back to work dir.
cd ..

# Checkout PandoraPFANew
# Head checkout.
#svn co http://svnsrv.desy.de/public/PandoraPFANew/PandoraPFANew/trunk PandoraPFANew
# Use tag v00-05.
svn co http://svnsrv.desy.de/public/PandoraPFANew/PandoraPFANew/tags/v00-05 PandoraPFANew
export PandoraPFANew_DIR=`pwd`/PandoraPFANew

# Build PandoraMonitoring
#Head checkout.
#svn co http://svnsrv.desy.de/public/PandoraPFANew/PandoraMonitoring/trunk PandoraMonitoring
svn co http://svnsrv.desy.de/public/PandoraPFANew/PandoraMonitoring/tags/v00-04 PandoraMonitoring
cd PandoraMonitoring
mkdir build
cd build
cmake -DROOT_DIR=$ROOTSYS -DILCUTIL_DIR=$ILCUTIL_DIR -DPandoraPFANew_DIR=$PandoraPFANew_DIR ..
make install
cd ..
export PandoraMonitoring_DIR=`pwd`
cd ..

# Setup Java
export JAVA_HOME=/path/to/java/directory
export PATH=$JAVA_HOME/bin:$PATH

# Build LCIO
cvs -d :pserver:anonymous@cvs.freehep.org:/cvs/lcd co -r v01-51 lcio
cd lcio
mkdir build
cd build
cmake -DINSTALL_DOC=OFF -DBUILD_32BIT_COMPATIBLE=OFF ..
make install
cd ..
export LCIO_DIR=`pwd`
cd ..

# Build PandoraPFANew
cd PandoraPFANew
mkdir build
cd build
cmake -DILCUTIL_DIR=$ILCUTIL_DIR -DPandoraMonitoring_DIR=$PandoraMonitoring_DIR ..
make install
cd ../../..

# Build slicPandora
cvs -d :pserver:anonymous@cvs.freehep.org:/cvs/lcd co slicPandora
cd slicPandora
mkdir build
cd build
cmake -DROOT_DIR=$ROOTSYS -DCMAKE_MODULE_PATH=$ILCUTIL_DIR/cmakemodules -DLCIO_DIR=$LCIO_DIR \
-DPandoraPFANew_DIR=$PandoraPFANew_DIR -DPandoraMonitoring_DIR=$PandoraMonitoring_DIR ..
make install

```

The slicPandora project should now be built successfully with the binary installed to **slicPandora/bin/PandoraFrontend**.

If compilation or linking errors occur, then check that the dependencies were installed successfully.

Build Instructions Without Monitoring



Deprecated

The build instructions below are out of date and don't work anymore.

The SlicPandora binary can also be built without monitoring, which removes the ROOT and PandoraMonitoring dependencies. This makes the executable more suitable for running in batch environments.

```
# Build ilcutil
svn co http://svnsrv.desy.de/public/ilctools/ilcutil/trunk ilcutil
cd ilcutil
cmake .
make install
export ILCUTIL_DIR=`pwd`
cd ..

# PandoraPFANew
svn co http://svnsrv.desy.de/public/PandoraPFANew/PandoraPFANew/trunk PandoraPFANew
cd PandoraPFANew
mkdir build
cd build
cmake -DILCUTIL_DIR=$ILCUTIL_DIR ..
make install
cd ..
export PandoraPFANew_DIR=`pwd`
cd ..

# Setup Java
export JAVA_HOME=/path/to/java/directory
export PATH=$JAVA_HOME/bin:$PATH

# Build LCIO
cvs -d :pserver:anonymous@cvs.freehep.org:/cvs/lcd co -r v01-51 lcio
cd lcio
mkdir build
cd build
cmake -DINSTALL_DOC=OFF -DBUILD_32BIT_COMPATIBLE=OFF ..
make install
cd ..
export LCIO_DIR=`pwd`
cd ..

# Build slicPandora
cvs -d :pserver:anonymous@cvs.freehep.org:/cvs/lcd co slicPandora
cd slicPandora
mkdir build
cd build
cmake -DCMAKE_MODULE_PATH=$ILCUTIL_DIR/cmakemodules -DLCIO_DIR=$LCIO_DIR -DPandoraPFANew_DIR=$PandoraPFANew_DIR ..
make install
```