Instructions for Linux

here are some detailed instructions for Linux (tested on SL5 and OpenSuse). The required **svn** client should be available on any standard Linux installation.

```
svn list svn+ssh://svn.cern.ch/reps/siddbd/trunk
```

should say

```
Chapter_Benchmarking/
Chapter_Calorimetry/
Chapter_ConceptOverview/
Chapter_Costs/
Chapter_ElectronicsDAQ/
Chapter_ForwardSystems/
Chapter_Introduction/
Chapter_MDI/
Chapter_Magnet/
Chapter_MuonSystem/
Chapter_SimReco/
Chapter_Summary/
Chapter_Tracker/
Chapter_Vertex/
DBDMain/
```

then just do

```
svn co  svn+ssh://svn.cern.ch/reps/siddbd/trunk <Your chosen Directory Name>
```

then cd into this directory

```
cd <Your chosen Directory Name>
```

and do an ls, you should see

```
Chapter_Benchmarking     Chapter_ElectronicsDAQ  Chapter_MDI         Chapter_Tracker
Chapter_Calorimetry      Chapter_ForwardSystems  Chapter_MuonSystem  Chapter_Vertex
Chapter_ConceptOverview  Chapter_Introduction    Chapter_SimReco     DBDMain
Chapter_Costs            Chapter_Magnet          Chapter_Summary
```

now to compile the DBD, you 'll need a Latex installation and Python

On more recent Linux distributions, you'll find **texlive** and it will work finde (Version of Texlive 2010) or newer

if you are stuck with SL5 (default at CERN, DESY, etc.) you may need a more recent version of Latex, so try

/afs/cern.ch/sw/XML/TL2011/2011/bin/x86_64-linux/pdflatex

this needs to be activated in compile.py

then proceed

```
cd DBDMain
python compile.py
acroread DBD.pdf &
```

and that is all.

More Details on Building &Editing the DBD can be found he