Instructions for Windows

here are some detailed instructions for Windows (Tested on Windows 7)

Prerequisites

first download and install a few packages (which are usually not installed on your Windows)

- Install Python 2.7.x (You need this to run the build script)
- Install Tortoise SVN Provides Windows with svn access
- Install MikTeX Tex Compiler, Editor and Viewer

Check out of the DBD

TortoiseSVN is a Windows Explorer Extension, so wherever you want your SiD-DBD copy to reside, make a right click and choose

svn checkout

This should bring up the following screen

-	Checkout	x
	Repository	
	URL of repository:	
	svn+ssh://svn.cern.ch/reps/siddbd/trunk	
	Checkout <u>d</u> irectory:	_
	C: \Users \marcel \Documents \siddbd	
	Checkout Depth	
	Omit e <u>x</u> ternals	
	Revision	
	<u>H</u> EAD revision	
	<u>R</u> evision Show log	
	OK Cancel Help	

If this is the first time accessing this repository, enter the following in the repository URL field

https://svn.cern.ch/reps/siddbd/trunk

Press ok, it will ask you for your CERN account name and password and then check-out the latest version

(I) It may prompt you several times for your password, this is a feature of svn (doesn't cache passwords) not a problem

if you're successful, you should see the following window

Action	Path	Mime type	
Command	Checkout from svn+ssh://svn.cern.ch/reps/siddbd/trunk, revision HEAD, Fully recursive, Externals included		
Added	C: \Users\marcel\Documents\siddbd\Chapter_MDI		
Added	C: \Users \marcel \Documents \siddbd \Chapter_MDI \mdi. tex		
Added	C: \Users \marcel \Documents \siddbd \Chapter_Magnet		
Added	C: \Users \marcel \Documents \siddbd \Chapter_Magnet \magnet.tex		
Added	C: \Users\marcel\Documents\siddbd\Chapter_Vertex		
Added	C:\Users\marcel\Documents\siddbd\Chapter_Vertex.tex		
Added	C:\Users\marcel\Documents\siddbd\Chapter_Introduction		
Added	C: \Users \marcel \Documents \siddbd \Chapter_Introduction \introduction.tex		
Added	C: \Users \marcel \Documents \siddbd \Chapter_ConceptOverview		
Added	C: \Users \marcel \Documents \siddbd \Chapter_ConceptOverview \conceptoverview.tex		
Added	C:\Users\marcel\Documents\siddbd\Chapter_MuonSystem		
Added	C:\Users\marcel\Documents\siddbd\Chapter_MuonSystem\muonsystem.tex		
Added	C: \Users \marcel \Documents \siddbd \Chapter_Benchmarking		
Added	C: \Users \marcel \Documents \siddbd \Chapter_Benchmarking \benchmarking.tex		
Added	C: \Users \marcel \Documents \siddbd \DBDMain		
Added	C: \Users \marcel \Documents \siddbd \DBDMain \SiDlogo.jpg		
Added	C: \Users \marcel \Documents \siddbd \DBDMain \compile.py		
Added	C: \Users \marcel \Documents \siddbd \DBDMain \dbd_definitions.tex		
Added	C:\Users\marcel\Documents\siddbd\DBDMain\heppennames2.sty		
Added	C: \Users \marcel \Documents \siddbd \DBDMain \DBD.tex		
Added	C: \Users \marcel \Documents \siddbd \DBDMain \titlepage.tex		
Added	C:\Users\marcel\Documents\siddbd\Chapter_Calorimetry		
Added	C:\Users\marcel\Documents\siddbd\Chapter_Calorimetry\calorimetry.tex		
Added	C:\Users\marcel\Documents\siddbd\Chapter_Costs		
kBytes tra	nsferred in 0 minute(s) and 33 second(s)		
dded:37			

when you did enter the siddbd directory, you'll see the following structure

iganize 👻 👩 Oper	n Share with 👻 E-mail Burn	New folder			8== 👻 🛄
🕇 Favorites 🔜 Desktop	Documents library				Arrange by: Folder 🔻
Downloads	Name	 Date modified 	Туре	Size	
📃 Recent Places	svn.	13/01/2012 10:30	File folder		
	Bibliography	13/01/2012 10:30	File folder		
Libraries	Chapter_Benchmarking	13/01/2012 10:30	File folder		
Documents	Chapter_Calorimetry	13/01/2012 10:30	File folder		
	Chapter_ConceptOverview	13/01/2012 10:30	File folder		
Videos	Chapter_Costs	13/01/2012 10:30	File folder		
Videos	Chapter_ElectronicsDAQ	13/01/2012 10:30	File folder		
Computer	Chapter_ForwardSystems	13/01/2012 10:30	File folder		
	Chapter_Introduction	13/01/2012 10:30	File folder		
- Data (Er)	🌛 Chapter_Magnet	13/01/2012 10:30	File folder		
	崣 Chapter_MDI	13/01/2012 10:30	File folder		
a RECOVERT (3.)	Chapter_MuonSystem	13/01/2012 10:30	File folder		
Network	🜛 Chapter_SimReco	13/01/2012 10:30	File folder		
	💑 Chapter_Summary	13/01/2012 10:30	File folder		
	💑 Chapter_Tracker	13/01/2012 10:30	File folder		
	🌛 Chapter_Vertex	13/01/2012 10:30	File folder		
	DDDM	13/01/2012 10:30	File folder		

The green checkmark indicates, that you are in sync with the repository.

Detailed instructions on building the DBD on Windows can be found here

Using https instead of svn+ssh

This is a recent feature of the CERN svn system which avoids TortoiseSVN asking you for your password several times

instead of svn+ssh:// use https://