ZeosDBO Installation Guide
ZeosLib Development Group
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You can download the current (SVN) version from svn://www.firmos.at/zeos/trunk/
The development/testing branch is at svn://www.firmos.at/zeos/branches/testing/
Snapshots can be found at http://zeosdownloads.firmos.at/downloads/snapshots/


1. Unpack the archive to a folder (not for SVN versions, of course)
2. Copy the required dlls for your database client to the windows system directory (usually Windows\System or winnt\system32) or use the database client installer.
   Attention : think about licence issues when working with the database client libraries. Not all software is freely distributable in all situations. These libraries are NOT a part of the zeoslib packages.
3. Add the build Directory of the package you are about to install to Delphi's library path.
4. Locate the package directory associated with your compiler and open the ZeosDbo.bpg project group. Load the project and compile the following components in the order listed (or just choose compile all from Project-Menu):
   • ZCore.bpl
   • ZParseSql.bpl
   • ZPlain.bpl
   • ZDbc.bpl
   • ZComponent.bpl
5. If all the packages, listed above are successfully compiled you have to install the ZComponentDesign.bpl. After that all ZEOS components are available in the IDE. 
   If the ZComponentDesign.bpl package isn't available for your compiler (eg. for fpc/lazarus), you should just install the ZComponent.bpl
6. Create your own project and start adding the components through the IDE and set connection properties. For a quick tutorial, use the example provided with the project or browse the resources on the web page.

Observations:

1. When installing the library under C++ Builder (any version) it is highly recommended to remove any previously installed version of ZEOSDBO.
   To do that you should first close C++ Builder (as some of these files may be locked) and remove the (ZCore|ZParseSql|ZPlain|ZDbc|ZComponent).bpl|.tds|.bpi|.lib) files from $(BCB)\Projects\Lib and $(BCB)\Projects\Bpl (where $(BCB) is something like C:\Program Files\Borland\CBuilder[4-6]).
2. When compiling the library from ZeosDbo.bpg under C++ Builder you may receive some warnings like 'Unable to find package import XXX.bpi' and you may have to press Cancel multiple times to continue.
We're trying to get rid of this annoying behaviour, but until then here are some possible ways to avoid it, if needed:

a. Open, compile and install the packages (*.bpk) in the appropriate order (see Installation step #3) - i.e without using ZeosDbo.bpg.

b. Open a command line in \packages\CBuilder[4-6] and do a manual make - like this: make -f ZeosDbo.bpg. This requires the PATH and LIB environment variables to be set properly, like this:

   SET BCB=d:\borland\cbuilder6
   SET PATH=%BCB%\bin
   SET LIB=%BCB%\lib

   Then open ZeosDbo.bpg in the IDE and install the packages the usual way.

3. While installing ZEOSDBO under C++ Builder version 4 from the IDE, you may get this error when compiling the ZDbc package:


   Currently, there is no known solution to this problem. Therefore, it is recommended to compile Zeoslib from the command line (issuing a make -f ZeosDBO.bpg from the directory /packages/cbuilder4 should accomplish this) and then to install the packages through menu Component->Install Packages.