ZeosDBO Installation Guide

ZeosLib Development Group

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You can download the current (CVS) version from http://www.zeoslib.net

1. Unpack the archive to a folder

2. Copy the required dlls from lib directory to the windows system directory (usually `Windows\System` or `winnt\system32`)

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`

5. If all the packages, listed above are successfully compiled you have to install the `ZComponent.bpl`. After that all ZEOS components are available in the IDE.

6. Create your own project and start adding the compoents 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 Zeos-Dbo.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 :

```
[Pascal Fatal Error] ZDbcMetadata.pas(3076): Internal error: SY876.
```

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.