

Re: Command Line Compiler Config File

Source:

<http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.non-technical/2007-03/msg04461.html>

- *From:* Bruce <bvanderw@xxxxxxxxxxxxxxxx>
 - *Date:* Mon, 26 Mar 2007 17:51:04 -0400
-

I'm quite happy to use dcc32.cfg files at this point. I have global settings in the dcc32.cfg file in the dcc32.exe folder, and project specific settings in the dcc32.cfg file in the project folder.

I just wanted to make sure that the command line compiler is not pulling settings from anywhere else. I have my debug configuration in the IDE, and my release configuration in the dcc32.cfg files.

--Bruce

On 25 Mar 2007 19:01:54 -0800, "Bruce McGee" <bmcgee@xxxxxxxxxxxx> wrote:

Bruce wrote:

I have always used the command line compiler to do automated and release builds. I couldn't find anything on the command line compiler in the help file, so I wanted to make sure I was understanding this correctly and that nothing has changed.

My understanding is that DCC32.exe uses the DCC32.cfg file that is in the same folder as DCC32.exe, and you can override and/or add new compiler settings by placing a DCC32.cfg file in the same folder as your project <projectname>.dpr file.

At one point, a <projectname>.cfg file was also created by the IDE, and I found I had to delete that file before doing a build to prevent the command line compiler from using the IDE settings in that file. I don't think this file is being created anymore (at least I don't see it in D2007).

I'm assuming this is the extent of it, and that the command line compiler does not try to pull compiler settings out of the bdsproj or dproj files.

Do I have this correct?

Re: Command Line Compiler Config File

The .cfg file is used to create the new .dproj files for Delphi 2007 when you load older projects, but it isn't used when compiling from either the command line or IDE. There is still a dcc32.cfg that gets used, but you can turn that off using the `--no-config` switch.

The IDE reads its build settings from the .dproj file (of course), but the command line compiler doesn't.

In the environment options, you can set the IDE compiler to show you the full DCC32 command line you would use to get the same compile and use that in your batch file.

Another option might be to create your different build configurations in the IDE and use MSBuild from the command line. You need to set some environment variables first:

```
set path=%path%;C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727
set path=%path%;C:\Program Files\CodeGear\RAD Studio\5.0
set path=%path%;C:\Documents and Settings\All Users\Documents\RAD Studio\5.0
set BDS=C:\Program Files\CodeGear\RAD Studio\5.0
set FrameworkDir=C:\WINDOWS\Microsoft.NET\Framework\
set FrameworkVersion=v2.0.50727
```

This will build the default configuration:

```
msbuild MyProj.dproj
```

And this will specifically build the "Release" configuration:

```
msbuild MyProj.dproj /property:configuration=Release
```

Finally, there is my favourite option: FinalBuilder. It currently supports MSBuild projects, and will have specific support added for Delphi 2007 shortly.

Of course, the downside is that if you have a big investment in .cfg files, they will have to be converted.