Subject: Custom build steps upgrade
Posted by mirek on Fri, 25 Nov 2011 22:47:45 GMT
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Getting ready for W++ development, I decided that we need something to move "website related" (based on extensions) files from package to .exe directory.

A good candidate was "Custom build steps", so I have upgraded it to achieve this task by adding embedded "cp" command and a couple of new variables.

The required task can now be achieved by

cp $(PATH) $(EXEDIR)/$(PACKAGE)/$(RELPATH)

List of actual Custom build steps features is available in its definition dialog in theide...

Mirek

Subject: Re: Custom build steps upgrade
Posted by Mindtraveller on Fri, 02 Dec 2011 07:44:59 GMT
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Mirek, is it the same ability which was discussed here?
http://www.ultimatepp.org/forum/index.php?t=msg&th=6413&
amp;start=0&S=5f0c9d23efc859f2c62f67bbad3a2389

Subject: Re: Custom build steps upgrade
Posted by mirek on Fri, 02 Dec 2011 08:46:53 GMT
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Mindtraveller wrote on Fri, 02 December 2011 02:44Mirek, is it the same ability which was discussed here?
http://www.ultimatepp.org/forum/index.php?t=msg&th=6413& amp;
amp;start=0&S=5f0c9d23efc859f2c62f67bbad3a2389

If I understand you well, then well, yes. Nice to hear that it had solved another problem

One more note: 'cp' creates all required target folders.

Subject: Re: Custom build steps upgrade
Posted by Mindtraveller on Fri, 02 Dec 2011 08:57:55 GMT
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I've just updated U++ from SVN, recompiled TheIDE and tried this feature:

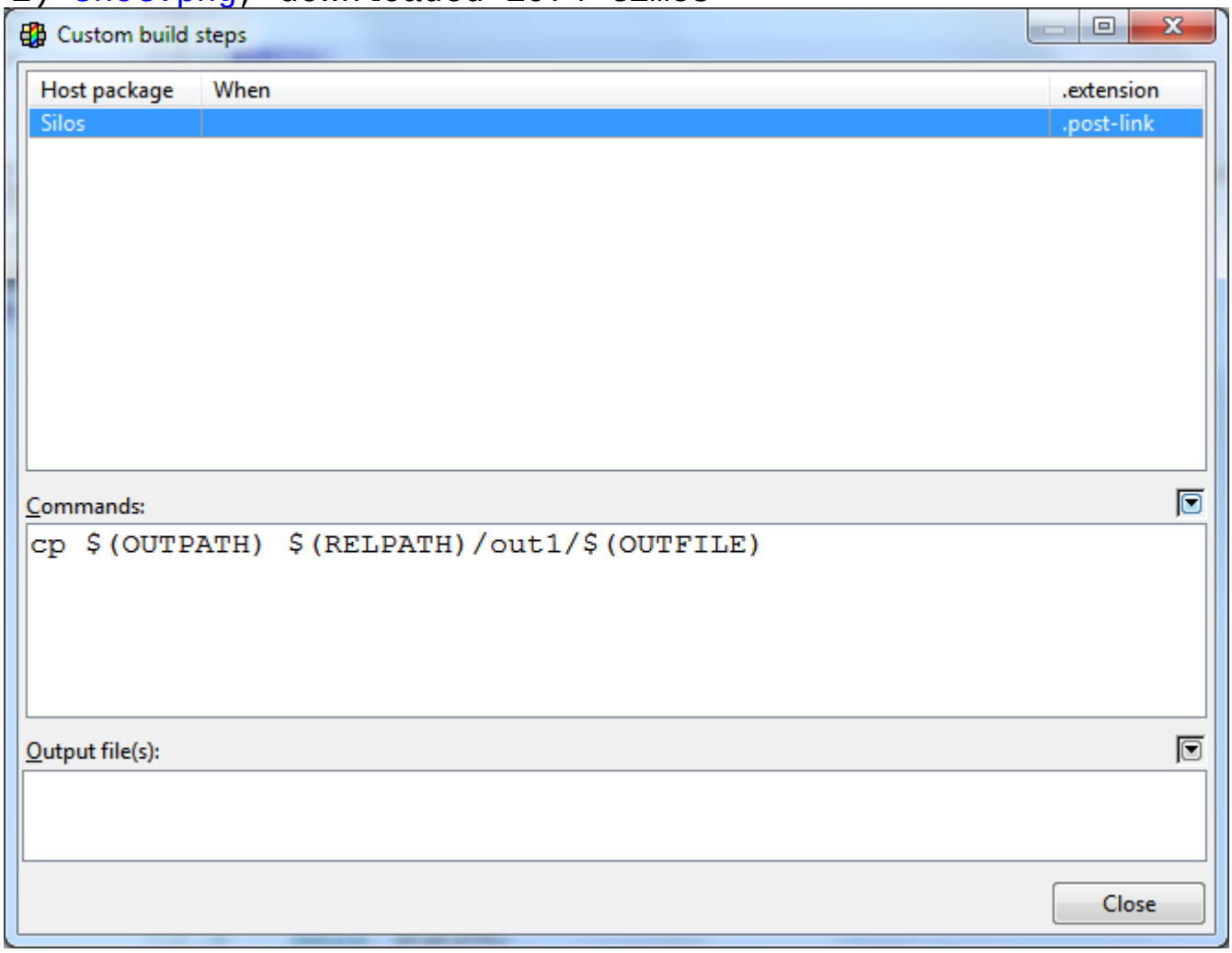
It gave me following output after linking:
.post-link
cp .post-link/out1/Silos.exe

And regretfully it is not the thing which is needed. The command needed is something like
cp c:\upp\out\PROJECTS\MSC9.Debug.Debug_Full.Gui.Io.Mt\Silos.exe f:/SOURCES/Silos/out

The second directory f:/SOURCES/Silos/out shouldn't be entered as full path into TheIDE/"Custom build steps"/"Commands". Instead there must be something like $(PROJECT)/out
Is it possible to do this?

File Attachments

1) shot.png, downloaded 1074 times



Subject: Re: Custom build steps upgrade
Posted by mirek on Fri, 02 Dec 2011 10:13:35 GMT
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What about EXEPATH, EXEDIR, EXEFILE instead?

OUT* is tied to "current file", which is problem for "phony" filename...

Subject: Re: Custom build steps upgrade
Posted by Mindtraveller on Fri, 02 Dec 2011 11:00:03 GMT
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mirek wrote on Fri, 02 December 2011 13:13What about EXEPATH, EXEDIR, EXEFILE instead?

OUT* is tied to "current file", which is problem for "phony" filename...
If I understand you correctly, EXEPATH,EXEDIR,EXEFILE doesn't fit here, because I wish to copy output binary to some directory inside my project sources directory.
I.e. project resides in "f:/SOURCES/Silos" direcory.
And there is "f:/SOURCES/Silos/TEST_OUTPUT" directory where we keep a number of config files and data. So I wish that a new binary is copied there as automatic build step. The problem is TheIDE doesn't understand $(PROJECT) macro and custom post-link command cp $(EXEPATH) $(PROJECT)/TEST_OUTPUT is executed by TheIDE as cp C:\upp\out\PROJECTS\MSC9.Debug.Debug_Full.Gui.Io.Mt\Silos.exe /TEST_OUTPUT

Subject: Re: Custom build steps upgrade
Posted by mirek on Fri, 02 Dec 2011 11:55:09 GMT
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Mindtraveller wrote on Fri, 02 December 2011 06:00mirek wrote on Fri, 02 December 2011 13:13What about EXEPATH, EXEDIR, EXEFILE instead?

OUT* is tied to "current file", which is problem for "phony" filename...
If I understand you correctly, EXEPATH,EXEDIR,EXEFILE doesn't fit here, because I wish to copy output binary to some directory inside my project sources directory.

Ah, I see, sorry. For me it is from project to output binary dir...

I guess there is a little problem, as there can be more than single assembly. But perhaps a macro for FIRST assembly folder would do?

Mirek

Subject: Re: Custom build steps upgrade

Posted by Mindtraveller on Fri, 02 Dec 2011 14:41:34 GMT
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I'm not sure if I correctly understand what these assemblies (you mentioned in this context) are. You mean the package with custom build steps may be included into multiple assemblies? If so, then, no problem, the desired macro should define root directory of package sources, it is the same regardless the assembly. Even better approach is to add macro defining root directory for current main package sources.

Subject: Re: Custom build steps upgrade
Posted by Mindtraveller on Sat, 03 Dec 2011 18:32:08 GMT
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To summarize our discussion, is it possible to add package-relative macro to TheIDE?
This would be REALLY very convenient for team developpment.
Thansk in forward.
If I may be in help, please tell. I'm highly interested in this feature for current project, so I'll do everything that is needed (programming, testing, whatever).

Subject: Re: Custom build steps upgrade (publish step)
Posted by Sender Ghost on Sun, 04 Dec 2011 00:49:26 GMT
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Hello, Pavel.

After reading your discussion with Mirek, I created publish step for TheIDE, which invoked after successful linking, if exists.

Example usage for your case:

cp $(EXEPATH) $(DIR)/TEST_OUTPUT/$(EXEFILE)

In the attachment you could find the patch and changed files for TheIDE, relative to 4239 revision.

To note:
Just an idea of implementation.

File Attachments
1) PublishStep_r4239.zip, downloaded 412 times

Subject: Re: Custom build steps upgrade
Posted by mirek on Sun, 04 Dec 2011 09:44:21 GMT
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Mindtraveller wrote on Sat, 03 December 2011 13:32To summarize our discussion, is it possible to add package-relative macro to TheIDE?

I have now changed the behaviour so that DIR macro for .pre-link, .post-link now returns main package folder.

I believe this should solve your problem.

Subject: Re: Custom build steps upgrade
Posted by Mindtraveller on Sun, 04 Dec 2011 16:16:30 GMT
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Thanks to all of you, Mirek and Sender Ghost! This will be the most helpful changes.
