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Subject: Filtering packages problem?

Posted by [Mindtraveller](#) on Thu, 30 Oct 2008 23:17:24 GMT

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It looks like Select package dialog doesn't show all the packages available. And there are two problems with it.

1. Selecting main package dialog seems to filter some packages. It looks like some packages can only be seen with "All packages" checked. For example, bazaar/SysExec. If you select bazaar assembly, you won't see it. But it is there. Clicking "all packages" shows all "hidden" packages, but all packages collected together is a mess.

2. Second issue is about adding dependency package to current package under development. Selecting Project>Add package to ... has no "all packages" checkbox. And so it can't show any "hidden" package to add it. Let take as example bazaar/SysExec again. It seems impossible to add this package as it is not shown.

Am I right and this is a bug? Or is it some kind of feature?

It is important issue and you all have likely met it before.

P.S. Problem could happen because of some old cache files, but I couldn't find where to look for.

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Subject: Re: Filtering packages problem?

Posted by [captainc](#) on Thu, 30 Oct 2008 23:25:42 GMT

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Maybe it is any package without a `CONSOLE_APP_MAIN` or `GUI_APP_MAIN` function?

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Subject: Re: Filtering packages problem?

Posted by [Mindtraveller](#) on Fri, 31 Oct 2008 00:41:48 GMT

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Yes, it is "helper" package with helper functions.

It is strange TheIDE disallows adding of these packages.

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Subject: Re: Filtering packages problem?

Posted by [bytefield](#) on Fri, 31 Oct 2008 08:41:47 GMT

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I think it is a feature because you usually don't edit packages(libs) which doesn't have `*_APP_MAIN` unless you are the developer of that package and having such a package visible for usual users of theide may trick them to consider that every packages from every assembly are resulting in executables. If you browse the forum you will see there was such cases when users tried to build an executable from e.g. DockCtrl which is a "lib", so these packages should be

hidden in "Select main package" and be shown just with "Add package to \*". You may hide a package from "Select main package" dialog by removing its GUI flag IIRC and it will appear in "Add package to \*".

I've tried your example with SysExec package and it is showed in "Add package to \*" but not in "Select main package", so i think this is the right way for packages.

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Subject: Re: Filtering packages problem?

Posted by [Mindtraveller](#) on Thu, 06 Nov 2008 21:55:09 GMT

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bytefield wrote on Fri, 31 October 2008 11:41 I think it is a feature because you usually don't edit packages(libs) which doesn't have \*\_APP\_MAIN unless you are the developer of that package and having such a package visible for usual users of the IDE may trick them to consider that every packages from every assembly are resulting in executables.

I generally agree with you, but how can I make it visible for me as a developer? Only by adding file with \_APP\_MAIN to package? I think it is rather non-obvious feature. May be it will be better to add explicit (packages list visibility) checkbox to Package config?

bytefield wrote on Fri, 31 October 2008 11:41 I've tried your example with SysExec package and it is showed in "Add package to \*" but not in "Select main package", so i think this is the right way for packages. Strange, I'm still unable to add this package to my working package as it's not in list, even in Add package to \*. Could you please tell what may be wrong? May be it is something with bazaar.var file?

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Subject: Re: Filtering packages problem?

Posted by [mr\\_ped](#) on Fri, 07 Nov 2008 07:49:51 GMT

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Do you have bazaar added to your current assembly your main package resides in?

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Subject: Re: Filtering packages problem?

Posted by [mirek](#) on Fri, 07 Nov 2008 09:13:50 GMT

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Mindtraveller wrote on Thu, 30 October 2008 19:17 It looks like Select package dialog doesn't show all the packages available. And there are two problems with it.

1. Selecting main package dialog seems to filter some packages. It looks like some packages can only be seen with "All packages" checked. For example, bazaar/SysExec. If you select bazaar assembly, you won't see it. But it is there. Clicking "all packages" shows all "hidden" packages, but all packages collected together is a mess.

Well, that is why it does not show all packages, correct?

Only packages that have "main configuration" and are in the last nest are displayed.

Quote:

2. Second issue is about adding dependency package to current package under development. Selecting Project>Add package to ... has no "all packages" checkbox. And so it can't show any "hidden" package to add it. Let take as example bazaar/SysExec again. It seems impossible to add this package as it is not shown.

Actually, "add package" should work as if "Display all" is active. It therefore "the mess". That is why there is the "Search field" (I do not see any better solution now).

Mirek

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Subject: Re: Filtering packages problem?

Posted by [Mindtraveller](#) on Fri, 07 Nov 2008 12:32:05 GMT

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luzr wrote on Fri, 07 November 2008 12:13 Actually, "add package" should work as if "Display all" is active. But for me it doesn't show i.e. bazaar/SysExec.

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Subject: Re: Filtering packages problem?

Posted by [Mindtraveller](#) on Fri, 07 Nov 2008 12:33:38 GMT

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mr\_ped wrote on Fri, 07 November 2008 10:49 Do you have bazaar added to your current assembly your main package resides in? No. Why should it be added? I think manual adding bazaar/SysExec from TheIDE must do all the work. Shouldn't it?

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Subject: Re: Filtering packages problem?

Posted by [mr\\_ped](#) on Mon, 10 Nov 2008 11:35:30 GMT

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I think you need to specify all package directories in assembly to let U++ build process know, where it should look.

I'm not 100% sure, but I think if you have your package "myapp\App" using "uppsrc\Core", and you create new assembly which will list "uppsrcSVN" instead of "uppsrc", you can use the very same myapp\App package, but it will build+link with the Core from the new uppsrcSVN directory.

If the bazaar is not in assembly definition, theIDE will not look for packages there when adding package to current project.

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Subject: Re: Filtering packages problem?

Posted by [Mindtraveller](#) on Sun, 03 May 2009 15:39:50 GMT

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There is Quote:TheIDE can also be used to develop non-U++ applications. on the U++ main page. And I do use TheIDE for developing non-U++ applications (it helps me very much in many cases).

If you really position TheIDE as non+U++ development tool, I'd like to add something about this topic. There is a problem with package filtering: non-U++ applications don't have `CONSOLE_APP_MAIN/GUI_APP_MAIN` functions. So every time you start TheIDE it takes much time to load sources package, because you have to click "All packages" and wait for ALL packages to be read (it's all your packages + everything in uppsrc + bazaar). Then you have to find your package among all this list, which is not comfortable at all.

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Subject: Re: Filtering packages problem?

Posted by [cocob](#) on Sun, 03 May 2009 17:42:16 GMT

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I don't think the filter is base on `GUI_APP_MAIN` and `CONSOLE_APP_MAIN`. I think it checks if there is `mainconfig` on the `.upp` file. I have no problems with it.

```
mainconfig
"" = ""
```

cocob

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Subject: Re: Filtering packages problem?

Posted by [Mindtraveller](#) on Sun, 03 May 2009 20:31:30 GMT

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I think manually changing text file to have package shown in the list is not the best way to make work with non-U++ projects comfortable. But still this may be my mistake as creating non-U++ projects automatically adds `"" = ""` to `.upp`

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Subject: Re: Filtering packages problem?

Posted by [mirek](#) on Sun, 03 May 2009 20:39:16 GMT

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You can add main configuration by clicking on configuration field in toolbar, or Project/Main configuration.

Once package has at least one main configuration entry (and it can in fact be empty, which

designates simple console apps), it is listed in initial "Select package" dialog.

If you use predefined application template, it will do it for you.

Mirek

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Subject: Re: Filtering packages problem?

Posted by [mirek](#) on Sun, 03 May 2009 20:40:32 GMT

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P.S.: It is really unrelated to GUI\_APP\_MAIN and CONSOLE\_APP\_MAIN. They are not used in this process.

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