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Subject: Assist autocompletion list incomplete in 12567 nightly (Win64 host with mingw)

Posted by [xrysf03](#) on Sun, 25 Nov 2018 21:09:05 GMT

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Dear U++ authors and fellow users,

I'm a noob to U++, I've only been playing with it today, on a Win64 host with mingw.

After some initial difficulties, during the afternoon I've been running U++ in two versions side by side: the 2018.1 release (=rev. 11873) and a recent nightly rev. 12567 (did not check out the src from SVN, as the built-in checkout tool didn't seem to work). I created two folders called `upp_RevNr` under `C:\Program Files\`. To be sure, for problem reproduction, I've erased my earlier attempts and started over from scratch = unpacked the two distribution 7z archives into empty directories and clicked my way through the "new package" creation in either version.

See the attached two screenshots.

In either version of TheIDE, I have created a new GUI project, from the template called "CtrlLib application with main window". And I'm trying "assist" within the main window class (any method, e.g. the constructor will do), starting with `this->`, trying to get a list of all the relevant members (variables and methods).

In the 12567 nightly, "assist" = the hinting/autocompletion engine, appears to miss some parent classes in the hierarchy, as a result of which the "autocompletion hints list" is pretty short in 12567. In 2018.1 release, the hints list is like two pages long, and contains e.g. the method `Title()`, used to set the main window title bar text. In 12567, the method `Title()` does not get listed among the hints. But, if I use the method in code, the program does compile+link and the `Title()` method clearly works.

I've tried comparing the config of Assist within TheIDE in both U++ versions and it is the same...

Any ideas are welcome. If this is a noob question, I am neither surprised nor offended :)

I sure am amazed at how complex and powerful U++ is. It's a revelation to me.

### File Attachments

1) [assist.zip](#), downloaded 298 times

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Subject: Re: Assist autocompletion list incomplete in 12567 nightly (Win64 host with mingw)

Posted by [mirek](#) on Mon, 26 Nov 2018 12:45:53 GMT

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Should be now fixed. The reason why this happened: Assist++ is semiheuristic for several reasons. There is some really convoluted code in CtrlCore to support various platform (Linux, Win32). We are now working on MacOS X support and the new code got Assist++ confused... (namespace issue).

Now in trunk, should be in nightly tomorrow.

Thanks for pointing this out, I would probably be missed otherwise.

Mirek

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Subject: Re: Assist autocompletion list incomplete in 12567 nightly (Win64 host with mingw)

Posted by [xrysf03](#) on Mon, 26 Nov 2018 12:57:20 GMT

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Always glad to help :) especially to the genuine wizard himself.

Yes I've read about "Assist" on the project website and I have a faint idea about the challenges of "hinting" on the fly, I recall the years of debate around this kind of thing in the VIM.

I wish I could get this sort of response time for commercial software and hardware that I have to support.

Frank

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Subject: Re: Assist autocompletion list incomplete in 12567 nightly (Win64 host with mingw)

Posted by [xrysf03](#) on Tue, 18 Dec 2018 21:01:57 GMT

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BTW I've just checked in 12610 nightly that Assist autocompletion works like a charm again.

Thank you :)

Frank

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