Subject: Some feature requests
Posted by mdelfede on Thu, 03 Jan 2008 00:26:07 GMT
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DEBUGGER :

Persistent watches :
watches should be persistent at least between runs
better could be persistent watches even on ide restart
the best would be watches (and other debug stuffs) stored on a user file

Persistent breakpoints :
the same as previous point

Conditional and passcount breakpoints

Stack dumps on request
useful to trace code calls

Better variable evaluation :
Evaluating r of type 'Rect &' should show r contents, not r address

Class/struct member following :
Classes/structs members should be clickable and fields opened as new watches

ASSIST:

a way to embed external html help files (with indexing maybe)

CODE EDITOR:

code reformatting
I could try to add it myself, with some help...
I've already done something with AStyle package elsewhere

Ciao

Max

Subject: Re: Some feature requests
Posted by gertwin on Fri, 25 Jan 2008 11:54:23 GMT
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Are there plans for implementing (some of) these features?

I like to add some request:

- Drag and drop of variables from the editor to the watch/explorer window.
Drag and drop to the explorer window works but it moves the text and not copies it (i can use ctrl but moving text uit of the edit window?).

- Pointing at a variable in the editor in debug mode pops up a tooltip with the value.

- When text is selected in the editor the text is copied into the search field of the find dialogs and help topic.

- Ability to search in the help topic text.

Subject: Re: Some feature requests
Posted by mirek on Tue, 29 Jan 2008 12:39:39 GMT
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gertwin wrote on Fri, 25 January 2008 06:54Are there plans for implementing (some of) these features?

Yes. TheIDE is the primary target for this year

Mirek

Subject: Re: Some feature requests
Posted by cbpporter on Wed, 30 Jan 2008 13:58:49 GMT
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I would add another request which I would really like to have: after a failed ASSERT, TheIDE should open the file which failed the assert a the correct line if possible, instead of opening Util.cpp. You already have file name and line number, so I don't think this would be so difficult.

Subject: Re: Some feature requests
Posted by mirek on Wed, 20 Feb 2008 08:51:44 GMT
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cbpporter wrote on Wed, 30 January 2008 08:58I would add another request which I would really like to have: after a failed ASSERT, TheIDE should open the file which failed the assert a the correct line if possible, instead of opening Util.cpp. You already have file name and line number, so I don't think this would be so difficult.

Well, not as simple as it seems. These "line & number" are in another process

Also, usually, it has no benefit. The line where ASSERT fails is most of time NOT the line or file where is the problem. You need stack trace to find it.

Solution is to run in debug mode, then use stack droplist to find it....

Mirek

Subject: Re: Some feature requests
Posted by mr_ped on Wed, 20 Feb 2008 09:43:57 GMT
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Would not to move 1 level up in call-stack solve this?
(I mean to simulate user clicking on call-stack and moving 1 level up)
I would also like this behavior more than the current one.

Subject: Re: Some feature requests
Posted by mirek on Tue, 26 Feb 2008 20:43:06 GMT
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In 95% it is not even one up, but even higher.

OTOH, your suggestion makes sense. Now only how to detect that the exception a result of ASSERT....

Mirek

Subject: Re: Some feature requests
Posted by mr_ped on Wed, 27 Feb 2008 10:37:30 GMT
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Simply... you end (in current version) in the source file inside ASSERT ...

(yes, I'm really suggesting to hard-code this)
Actually the ASSERT maybe can call some U++ debug function to set some flag "assert_is_going_throw_exception".

I don't know.. I don't like either way, it feels too dirty to me, but you look to be more practical, so

maybe you will take it if it works.

Subject: Re: Some feature requests
Posted by mdelfede on Wed, 27 Feb 2008 11:17:42 GMT
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Well, I'm wondering if Upp can distinguish if a program is run inside debugger or not.
If the answer is YES, you can make ASSERT a macro that checks it and drops a breakpoint-on-the-fly on source line.
No need to unwind stack or more complicated stuffs.....

Max

Subject: Re: Some feature requests
Posted by mirek on Wed, 27 Feb 2008 17:04:54 GMT
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mr_ped wrote on Wed, 27 February 2008 05:37Simply... you end (in current version) in the source file inside ASSERT ...

(yes, I'm really suggesting to hard-code this)
Actually the ASSERT maybe can call some U++ debug function to set some flag "assert_is_going_throw_exception".

I don't know.. I don't like either way, it feels too dirty to me, but you look to be more practical, so maybe you will take it if it works.

Well, I am practical, therefore I know it will not help much anyway:) I guess I will rather spend time with something more interesting...

Mirek