Subject: Auto-completion for external headers
Posted by idaho on Sat, 30 May 2009 00:52:40 GMT
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Hi, folks,

Perhaps, someone has already asked this question but I couldn't find a solution - if there is one. Is it possible to auto-complete symbols from OS-specific headers, like <windows.h>, e.g? Not a big issue, of course, but it would certainly come handy at times.

Thanks in advance.

Subject: Re: Auto-completion for external headers
Posted by mirek on Mon, 01 Jun 2009 17:47:52 GMT
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idaho wrote on Fri, 29 May 2009 20:52Hi, folks,

Perhaps, someone has already asked this question but I couldn't find a solution - if there is one.

Under development.

The problem is that external headers are usually macro-heavy and macros cause big problems if you want to be fast.

Anyway, it is coming. I hope it will be working at the end of year, hopefully much sooner.

Mirek

Subject: Re: Auto-completion for external headers
Posted by cbpporter on Wed, 10 Jun 2009 09:10:56 GMT
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Actually there is a workaround. You can create a package based the library you want to use and with a little luck it will work fine. It can be a dummy package (i.e. only headers).

Subject: Re: Auto-completion for external headers
Posted by mirek on Thu, 11 Jun 2009 17:34:10 GMT
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cbpporter wrote on Wed, 10 June 2009 05:10Actually there is a workaround. You can create a

package based the library you want to use and with a little luck it will work fine. It can be a dummy package (i.e. only headers).

Thats true and it is also true that in one point in the past, I was experimenting with "automatic external header package".

Anyway, all of that failed, because system headers are usually extremely full of macros -> results of parsing were nil.

That is why I believe we must deal with macros first, then do external headers.

Mirek

Subject: Re: Auto-completion for external headers
Posted by cbpporter on Thu, 11 Jun 2009 21:34:55 GMT
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Couldn't we have in the first phase a weak preprocessor that only preprocesses external headers in order to determine the program structure and without these macros affecting .cpp files? I mean preprocess <stdio.h> and all it's includes, parse once that file to determine what functions it contains, cache and make that list available to .cpp files without actually having those macros effect the way Assiste++ sees out .cpp files? This implementation would be much easier.

Subject: Re: Auto-completion for external headers
Posted by mirek on Thu, 11 Jun 2009 21:45:38 GMT
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cbpporter wrote on Thu, 11 June 2009 17:34Couldn't we have in the first phase a weak preprocessor that only preprocesses external headers in order to determine the program structure and without these macros affecting .cpp files? I mean preprocess <stdio.h> and all it's includes, parse once that file to determine what functions it contains, cache and make that list available to .cpp files without actually having those macros effect the way Assiste++ sees out .cpp files? This implementation would be much easier.

I think I will go "full solution"...

Mirek
