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Subject: One last assist feature: Info about symbol at mouse cursor

Posted by [mirek](#) on Mon, 31 Oct 2022 12:02:28 GMT

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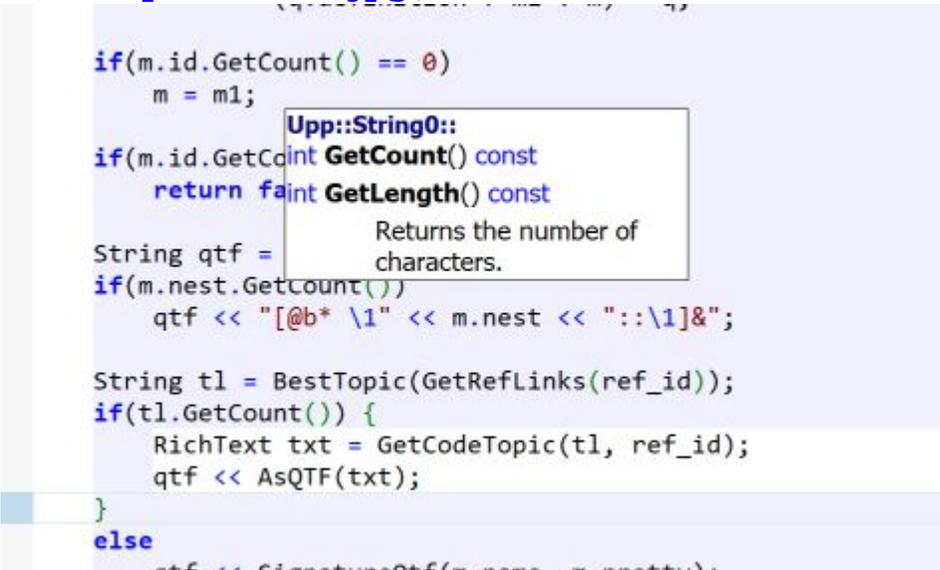
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The request for this feature (together with request for working autocomplete) sort of started the whole libclang refactoring, so here we go:

## File Attachments

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1) [Clipboard01.jpg](#), downloaded 507 times



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Subject: Re: One last assist feature: Info about symbol at mouse cursor

Posted by [Klugier](#) on Mon, 31 Oct 2022 16:12:12 GMT

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Hello Mirek,

Glad to see that we have it! Good job and thank you for this amazing contribution!

Klugier

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Subject: Re: One last assist feature: Info about symbol at mouse cursor

Posted by [Klugier](#) on Mon, 31 Oct 2022 18:27:36 GMT

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Hello,

I just found one issue. The Assist++ documentation dialog is taking all available space from the left to right. It is problematic when you have two windows side by side. It is a common scenario for wider screen with 21:9 or 36:9 proportions. Screenshot with the issue attached.

I would expect documentation popup will be within TheIDE window. Also, did you consider changing background color popup. White on white is not the best option and the popup could differentiate itself with different background.

Klugier

## File Attachments

1) [UppUltrawide.png](#), downloaded 235 times

The screenshot shows an IDE interface. On the left is a file explorer with a tree view of source files. The file 'Methods.cpp' is selected and highlighted. On the right is a code editor showing C++ code. A tooltip is visible over the code, displaying the definition of the 'Upp::String' class: 'class String : public Moveable<String, AString<String>>'. The tooltip also contains a description: 'String is a value class that contains an array of characters... cases is to convert it to WString (and eventually back a... String is also often used to store raw binary data. WString is similar to String, but it uses 32 bit encoding'.

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Subject: Re: One last assist feature: Info about symbol at mouse cursor  
Posted by [mirek](#) on Tue, 01 Nov 2022 08:29:45 GMT

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Klugier wrote on Mon, 31 October 2022 19:27Hello,

I just found one issue. The Assist++ documentation dialog is taking all available space from the left to right. It is problematic when you have two windows side by side. It is a common scenario for wider screen with 21:9 or 36:9 proportions. Screenshot with the issue attached.

I would expect documentation popup will be within TheIDE window. Also, did you consider changing background color popup. White on white is not the best option and the popup could differentiate itself with different background.

Klugier

Position should be now better. If it needs more finetuning, check CodeEditor::SyncTip.

Mirek

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Subject: Re: One last assist feature: Info about symbol at mouse cursor

Posted by [Klugier](#) on Tue, 01 Nov 2022 09:23:01 GMT

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Hello Mirek,

It works better. Thanks!

Klugier

### File Attachments

1) [UppAssistDialogImproved.png](#), downloaded 423 times

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```
GUI | CLANGx64 Debug | Methods.cpp x UppHub.cpp x
1 #include "ide.h"
2
3 struct UppHubNest : Moveable<UppHubNest> {
4     int tier = -1;
5     String name;
6     Vector<String> packages;
7     String description;
8     String repo;
9     String website;
10    String status = "unknown";
11    String category;
12    String list_name;
13    String readme;
14    String branch;
15 };
16
17 class String : public Moveable<String, AString<String0> >
18 {
19     re String is a value class that contains an array of characters (or bytes). It is designed to have fast copy opera
20     provides non-mutable access to the array of characters. String can store 8 bit encoded string or an UTF-8
21     with raw 8 bit values - there are not automatic conversions performed e.g. in operator[]. If you need to ac
22     cases is to convert it to WString (and eventually back after processing).
23
24     String is also often used to store raw binary data.
25
26     WString is similar to String, but it uses 32 bit encoding. String and WString share a number of common fu
27 {
28     if (HasGit ())
29     {
30         return;
31     }
32
33     Loge () << UPP_FUNCTION_NAME << "(): Git is not available!";
34     ErrorOK (
```

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Subject: Re: One last assist feature: Info about symbol at mouse cursor

Posted by [mirek](#) on Tue, 01 Nov 2022 10:57:54 GMT

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I have tried to do something about background as well. Actually a good opportunity to make error tips and info tips (and debugger tips) different.

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Subject: Re: One last assist feature: Info about symbol at mouse cursor

Posted by [Lance](#) on Tue, 01 Nov 2022 22:34:11 GMT

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Great job! Thanks, Mirek!

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