Subject: Context goto with Format(char *, int)
Posted by gprentice on Sat, 06 Nov 2010 09:32:57 GMT

In examples button.cpp there is this line
    label = Format("Number of button clicks %d", count);

Alt J (context goto) with the cursor on Format takes me to
String   Format(Date date)
when it presumably should go to
String Format(const char *s, const Vector<Value>& v)
in format.cpp.

Does context go to resolve overloads at all or does it just pick the first one?

Graeme

Subject: Re: Context goto with Format(char *, int)
Posted by dolik.rce on Mon, 08 Nov 2010 19:44:31 GMT

If I'm not mistaken then Assist++ doesn't check function signatures. It is one of many trade-offs to achieve reasonable speed. So yes, it goes to first matching name.

In cases like this, when Alt+J doesn't do the job it is usually simpler to use Ctrl+J, type in the identifier and choose the correct function. Actually thinking of it now, it should be pretty simple to prefill the search box with the word under caret to save the typing part...

Honza

Subject: Re: Context goto with Format(char *, int)
Posted by gprentice on Tue, 09 Nov 2010 10:04:56 GMT

ok. I guess it would take a fair bit of work to resolve the overloading. It's not something you would expect in a free tool. Slickedit comes up with a dialog listing overloaded functions when you "go to" an overloaded function instead of resolving the overloading. I don't know how hard it would be for U++ to determine that the word under the cursor is a function call and list only functions with a matching name. In the case of Format, Ctrl J/Navigate doesn't narrow down the choices enough. Like you say, pre-filling the search like the find dialog does would be nice. Maybe there could be Ctrl+Shift+J command that listed only functions with a matching name in the global navigate dialog.

Graeme