Subject: Has "file index" any fans?
Posted by mirek on Sat, 11 Oct 2008 23:26:18 GMT
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I am now referring to that ArrayCtrl on the left side of CodeEditor in theide with global names of current file.

I am now thinking that it either is obsoleted by new "navigator" bar or perhaps is should be obsoleted by something like navigator "current file" mode.

Mirek

Subject: Re: Has "file index" any fans?
Posted by chickenk on Sun, 12 Oct 2008 07:26:44 GMT
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In my opinion, here are 2 functionalities in File Index that would be good to find in the new browser (which is really, really great by the way):

1. Shortcuts to set the focus on the "search in scope" and "search type or header" fields, like F12 was set for File index search. Furthermore, I just noticed while trying that if the File index pane is closed, pressing F12 does not make it appear and set the focus. That would be a really pleasant behaviour, and for the browser as well of course.

2. In the file index, when the focus is on the search field,the behaviour is nice: I can navigate within results with up and down arrows, and press Enter to let the code editor go to the symbol definition. That is not the case (yet) in the browser pane, and that would be really nice. I found myself adding new lines instead of going to the symbol, because I was addicted and used to using this functionality from File index.

If I can found these in Browser++, then actually File Index will be obsoleted IMHO.

My 2 cents...

regards,
Lionel

Subject: Re: Has "file index" any fans?
Posted by mirek on Sun, 12 Oct 2008 08:55:44 GMT
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chickenk wrote on Sun, 12 October 2008 03:26In my opinion, here are 2 functionalities in File Index that would be good to find in the new browser (which is really, really great by the way):

1. Shortcuts to set the focus on the "search in scope" and "search type or header" fields, like F12

was set for File index search. Furthermore, I just noticed while trying that if the File index pane is closed, pressing F12 does not make it appear and set the focus. That would be a really pleasant behaviour, and for the browser as well of course.

BTW, I have added third field, "Find", that searches across all scopes. The shortcut key was planned to go there...

Quote:
2. In the file index, when the focus is on the search field,the behaviour is nice: I can navigate within results with up and down arrows, and press Enter to let the code editor go to the symbol definition. That is not the case (yet) in the browser pane, and that would be really nice. I found myself adding new lines instead of going to the symbol, because I was addicted and used to using this functionality from File index.

The only problem of this is that we have now two lists to deal with (scope + items in the scope).

Well, maybe the right solution is to add "<current file>" to the scope, then stay there for F12?

Any further ideas are welcome.

Mirek

Subject: Re: Has "file index" any fans?
Posted by captainc on Sun, 12 Oct 2008 13:48:12 GMT
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I like the idea of being able to see at a glance what is in the current file and the order that it is in, but I think it should be changed to look more like the new Ctrl+N area. Also, currently, it references commented out code.

One thing that would be useful is doing something like SPE (Stani's Python Editor) that allows you to look at a list of what is in the current file, but that list has custom formatting that you can put in for your reference.
For example, inserting a code line like this:
// --#00CCFF My Comment
Would create a line in the File Index list that is colored light blue and contains the message My Comment

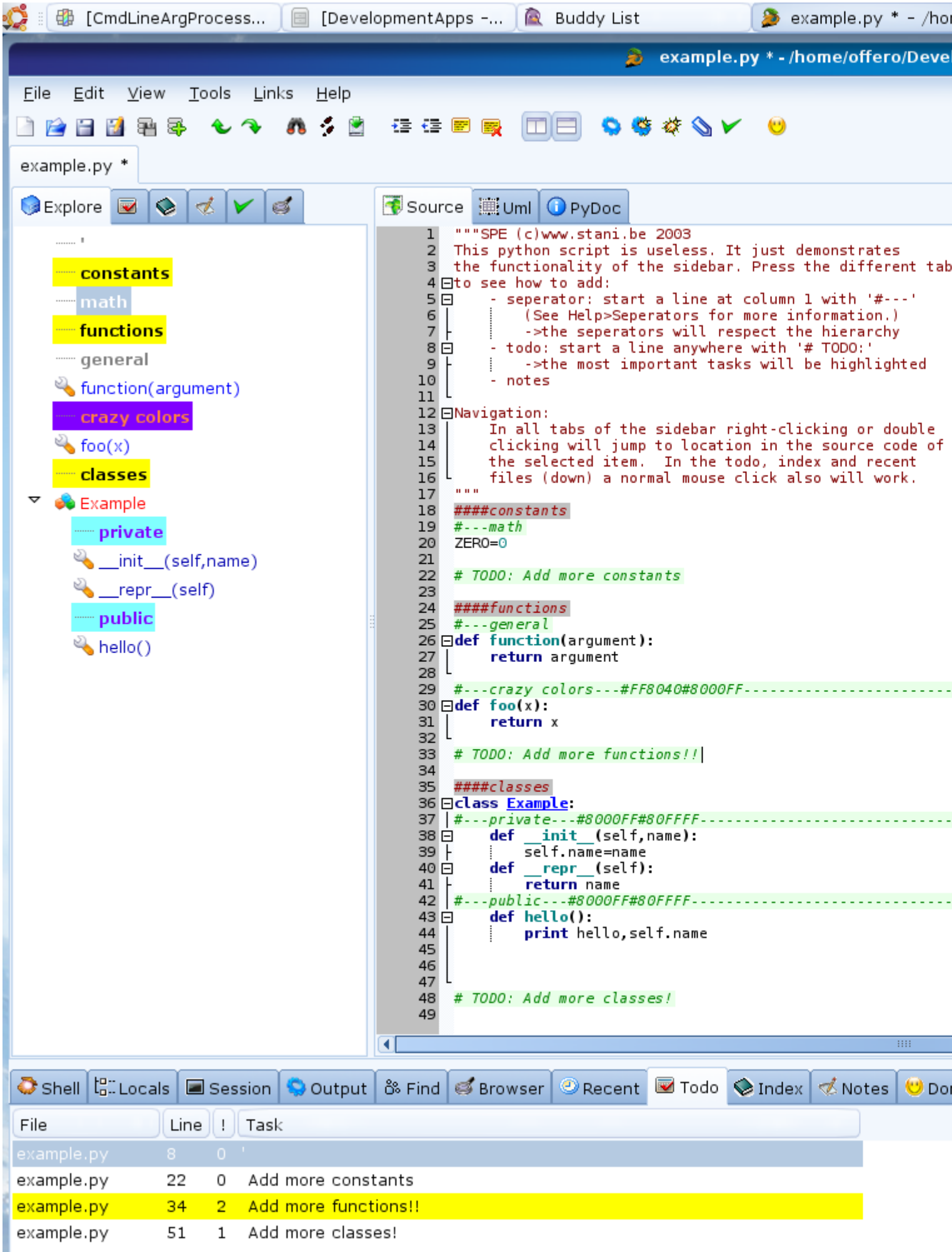
// TODO: My Todo Message
Would color the line some predefined color and create bold and italicized text with the todo message.

//----
Might create a horizontal ruler in the list

See attached screenshot...

File Attachments

1) spe.png, downloaded 811 times

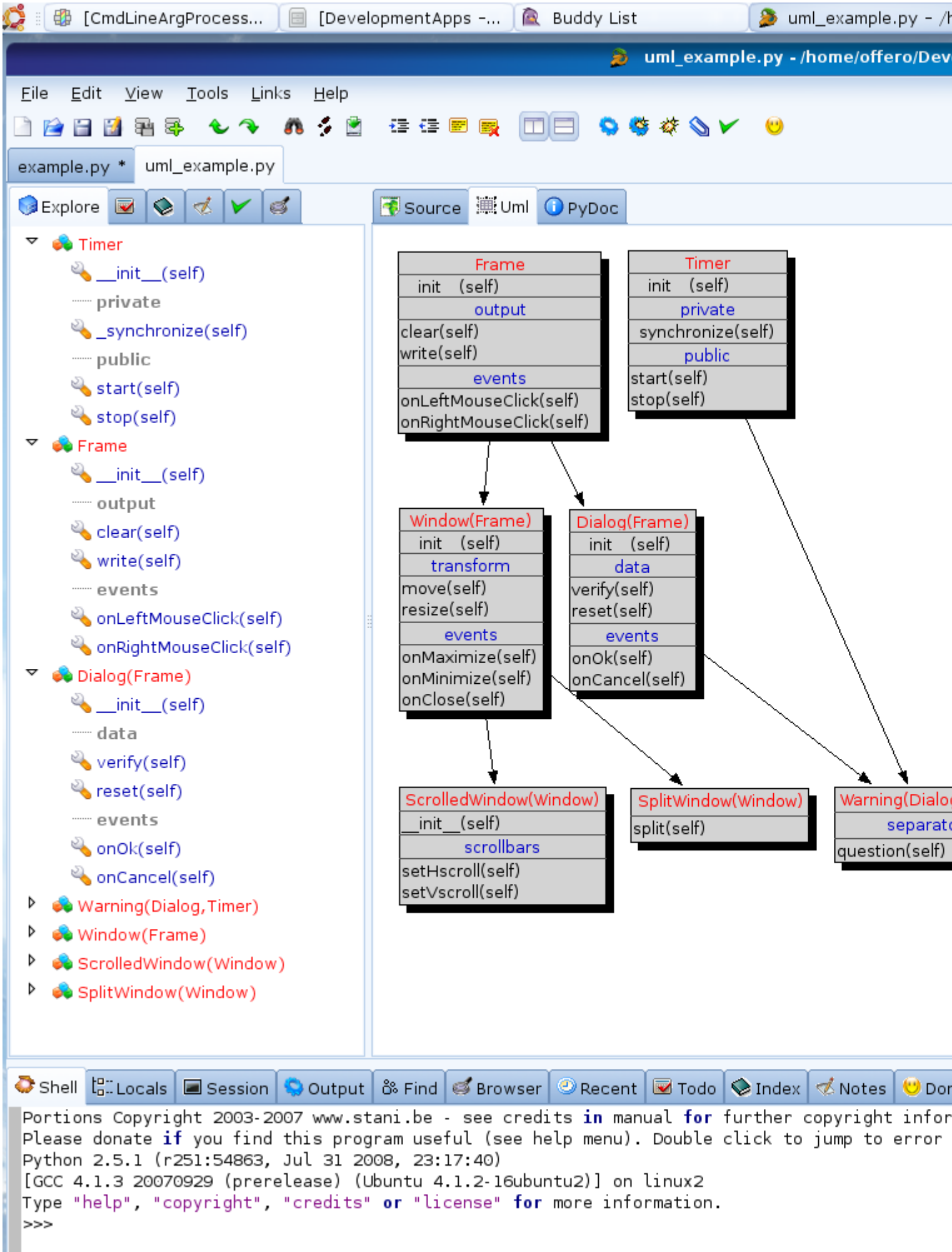

[CmdLineArgProcess...
[DevelopmentApps -...
Buddy List
example.py * - /hor
example.py * - /home/offero/Deve
File Edit View Tools Links Help
example.py *
Explore
Source Uml PyDoc
constants
math
functions
general
function(argument)
crazy colors
foo(x)
classes
Example
private
__init__(self,name)
__repr__(self)
public
hello()
"""SPE (c)www.stani.be 2003
This python script is useless. It just demonstrates
the functionality of the sidebar. Press the different tab
to see how to add:
- seperator: start a line at column 1 with '#---'
(See Help>Seperators for more information.)
->the seperators will respect the hierarchy
- todo: start a line anywhere with '# TODO:'
->the most important tasks will be highlighted
- notes
Navigation:
In all tabs of the sidebar right-clicking or double
clicking will jump to location in the source code of
the selected item. In the todo, index and recent
files (down) a normal mouse click also will work.
"""
####constants
#---math
ZERO=0
# TODO: Add more constants
####functions
#---general
def function(argument):
return argument
#---crazy colors---#FF8040#8000FF----------
def foo(x):
return x
TODO: Add more functions!!
####classes
class Example:
#---private---#8000FF#80FFFF----------
def __init__(self,name):
self.name=name
def __repr__(self):
return name
#---public---#8000FF#80FFFF----------
def hello():
print hello,self.name
TODO: Add more classes!
Shell Locals Session Output Find Browser Recent Todo Index Notes
File Line ! Task
example.py 8 0 '
example.py 22 0 Add more constants
example.py 34 2 Add more functions!!
example.py 51 1 Add more classes!

Subject: Re: Has "file index" any fans?
Posted by captainc on Sun, 12 Oct 2008 13:51:40 GMT
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Also, as an additional idea, while this might be a big task, one really cool thing that SPE does is generate class diagrams. Maybe it would be easier to do with the new C++ parser. Check out the attached screenshot.

File Attachments

1) spe_uml.png, downloaded 826 times


[CmdLineArgProcess...
[DevelopmentApps -...
Buddy List
uml_example.py - /h
uml_example.py - /home/offero/Dev
File Edit View Tools Links Help
example.py *
uml_example.py
Explore
Source
Uml
PyDoc
Timer
__init__(self)
private
_synchronize(self)
public
start(self)
stop(self)
Frame
__init__(self)
output
clear(self)
write(self)
events
onLeftMouseClick(self)
onRightMouseClick(self)
Dialog(Frame)
__init__(self)
data
verify(self)
reset(self)
events
onOk(self)
onCancel(self)
Warning(Dialog,Timer)
Window(Frame)
ScrolledWindow(Window)
SplitWindow(Window)
Frame
init (self)
output
clear(self)
write(self)
events
onLeftMouseClick(self)
onRightMouseClick(self)
Timer
init (self)
private
synchronize(self)
public
start(self)
stop(self)
Window(Frame)
init (self)
transform
move(self)
resize(self)
events
onMaximize(self)
onMinimize(self)
onClose(self)
Dialog(Frame)
init (self)
data
verify(self)
reset(self)
events
onOk(self)
onCancel(self)
ScrolledWindow(Window)
__init__(self)
scrollbars
setHscroll(self)
setVscroll(self)
SplitWindow(Window)
split(self)
Warning(Dialo
separat
question(self)
Shell
Locals
Session
Output
Find
Browser
Recent
Todo
Index
Notes
Portions Copyright 2003-2007 www.stani.be - see credits in manual for further copyright infor
Please donate if you find this program useful (see help menu). Double click to jump to error
Python 2.5.1 (r251:54863, Jul 31 2008, 23:17:40)
[GCC 4.1.3 20070929 (prerelease) (Ubuntu 4.1.2-16ubuntu2)] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>>

Subject: Re: Has "file index" any fans?
Posted by kodos on Sun, 12 Oct 2008 17:38:22 GMT
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I like the idea of the new "navigator", but how can we
 - open layout files
 - create/add/remove files from the project
without the old file explorer?

And I think it would be nice if the navigator had some more filter options like just showing things from current package or from the nest the main package is in.

Subject: Re: Has "file index" any fans?
Posted by mirek on Sun, 12 Oct 2008 17:57:13 GMT
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kodos wrote on Sun, 12 October 2008 13:38
 - create/add/remove files from the project
without the old file explorer?

Wait a moment, packages / files are of course still there. These are fundamentals of U++ development, these will never go anywhere.

We are speaking about "File index" from the Assist menu - a list of code items (functions, methods) of current file.

Mirek

Subject: Re: Has "file index" any fans?
Posted by mirek on Sun, 12 Oct 2008 18:00:09 GMT
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captainc wrote on Sun, 12 October 2008 09:51Also, as an additional idea, while this might be a big task, one really cool thing that SPE does is generate class diagrams. Maybe it would be easier to do with the new C++ parser.

I was thinking about something like that, but I am afraid it really can work only when number of attributes/methods is limited...

Of course, we can show class names only, but...

Mirek

Subject: Re: Has "file index" any fans?
Posted by kodos on Sun, 12 Oct 2008 18:47:52 GMT
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luzr wrote on Sun, 12 October 2008 19:57
Wait a moment, packages / files are of course still there. These are fundamentals of U++ development, these will never go anywhere.

We are speaking about "File index" from the Assist menu - a list of code items (functions, methods) of current file.

Mirek

Ah ok sorry for the misunderstanding
Then I vote for the new one
But as I said a few more filter options would be nice.

Subject: Re: Has "file index" any fans?
Posted by captainc on Sun, 12 Oct 2008 19:15:18 GMT
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luzr wrote on Sun, 12 October 2008 14:00
I was thinking about something like that, but I am afraid it really can work only when number of attributes/methods is limited...
What do you mean? Why limited?

Subject: Re: Has "file index" any fans?
Posted by mirek on Sun, 12 Oct 2008 20:56:32 GMT
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captainc wrote on Sun, 12 October 2008 15:15luzr wrote on Sun, 12 October 2008 14:00
I was thinking about something like that, but I am afraid it really can work only when number of attributes/methods is limited...
What do you mean? Why limited?

Well consider Ctrl having about 200 methods and 50 member variables. If you put all of them into the box, it will be much bigger than screen.

Mirek

Subject: Re: Has "file index" any fans?

Posted by captainc on Sat, 25 Oct 2008 20:02:21 GMT
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Well, what about making it generate them on the spot only for user's packages and not for packages in uppsrc.

Subject: Re: Has "file index" any fans?
Posted by mirek on Sun, 26 Oct 2008 06:53:15 GMT
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captainc wrote on Sat, 25 October 2008 16:02Well, what about making it generate them on the spot only for user's packages and not for packages in uppsrc.

Based on presumption that user classes are much more simple?

Mirek

Subject: Re: Has "file index" any fans?
Posted by captainc on Tue, 28 Oct 2008 00:15:10 GMT
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Exactly. But you could start out simple and just have class names showing relationships and when you double click on a class it will take you to its header file.

Also, maybe a dependency graph would be really cool; showing your package's files and their dependency hierarchy (header includes). This could be beneficial to pinpoint unnecessary and circular dependencies. Many of us have been in include hell before...(though I didn't know better then). It would allow you to see just how deep the chain really is!

Subject: Re: Has "file index" any fans?
Posted by Mindtraveller on Thu, 30 Oct 2008 13:52:25 GMT
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Excuse if it is not right place.
A little idea about improving navigator usability. I`m talking about top navigator pane - where all types and headers are situated.
After using it for a limited time I found inconvenient that my package` classes and types are mixed with a huge amount of classes and types from U++ packages like Core.
I propose dividing topmost pane. I mean make two panes one below another. One pane contains my package types, and other contains everything from "base" packages included.
As alternative we could have a "filter" switch button, which will be in pushed state by default. This will show my package types only. If one clicks it - all the types will be displayed.

Subject: Re: Has "file index" any fans?
Posted by captainc on Thu, 30 Oct 2008 14:01:56 GMT
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Quote:I found inconvenient that my package` classes and types are mixed with a huge amount of classes and types from U++ packages like Core.
I ran into the same issue, I found that my own references were being "drowned" by Upp packages. Something like a toggle button would be helpful, but what criteria do you filter by? All packages in uppsrc directory?

Subject: Re: Has "file index" any fans?
Posted by Mindtraveller on Thu, 30 Oct 2008 14:04:45 GMT
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Filter criteria is simple: all types defined not in active package must be filtered.

Also << and >> navigator buttons will be handy. I mean web browser analogy - go to previous visited item.

Subject: Re: Has "file index" any fans?
Posted by mr_ped on Thu, 30 Oct 2008 14:59:46 GMT
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I suggest active assembly, not package. As my projects often consist of several packages tightly coupled, so it makes little sense to use just single package in such case.

Subject: Re: Has "file index" any fans?
Posted by Mindtraveller on Thu, 30 Oct 2008 15:04:56 GMT
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This makes three-buttons multibutton switch: everything, active assembly, active package.

P.S. I think it is still important to filter uppsrc packages. Even in assembly filter mode.

Subject: Re: Has "file index" any fans?
Posted by mirek on Thu, 30 Oct 2008 22:26:06 GMT
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Mindtraveller wrote on Thu, 30 October 2008 10:04Filter criteria is simple: all types defined not in active package must be filtered.

Also << and >> navigator buttons will be handy. I mean web browser analogy - go to previous visited item.

I think Alt+Left / Right should work quite well here now.

Mirek

Subject: Re: Has "file index" any fans?
Posted by Mindtraveller on Fri, 31 Oct 2008 00:42:48 GMT
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Thanx! Navigation works properly.

Subject: Re: Has "file index" any fans?
Posted by Mindtraveller on Fri, 07 Nov 2008 13:52:29 GMT
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New filter switch looks like working properly. Thanks very much, Mirek!

I`d like to ask about the way items are sorted inside scope list. Why don`t we do simple alphabetical sorting?

Subject: Re: Has "file index" any fans?
Posted by mirek on Fri, 07 Nov 2008 16:09:25 GMT
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Mindtraveller wrote on Fri, 07 November 2008 08:52New filter switch looks like working properly. Thanks very much, Mirek!

I`d like to ask about the way items are sorted inside scope list. Why don`t we do simple alphabetical sorting?

It is sorted based on the order in the header - this seems more useful to me, as I like to group methods there.

Of course, I can add alphanumeric sorting too (in ToDo now - will that list ever start shrinking?

Mirek

Subject: Re: Has "file index" any fans?
Posted by captainc on Fri, 07 Nov 2008 22:46:36 GMT

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Quote:in ToDo now - will that list ever start shrinking?
Haha, keep dreaming!
Seriously though, thanks for your efforts and for putting up with us being so 'picky' (no pun intended, well maybe).

Subject: Re: Has "file index" any fans?
Posted by Mindtraveller on Sat, 08 Nov 2008 01:17:30 GMT
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Yes, I want to say how important your efforts are. I mean most of all you three "core team" developers and of course U++ community. For me, U++ is a breath of fresh air in a world of heavy and overcoded things. Effectiveness, elegance, great support - all make Ultimate++ really unique platform. Since the first day I keep learning U++ and it seems I mastered only small piece of it. I believe in a great potential of this platform.

For the last year I used U++ as the main development platform for industrial automation, GUI config & database management utility, web site development, differential equations solving, kernel mode driver front-end, eye-train utility. For now this is much more than "favourite library". This is my main development platform I use. With U++ I not only help people with eye seeing correction, but earn money on my main job and even start own small business with site startup based on U++.

Thank you, everyone who make U++ as it is.