Subject: FileSel: sort by file modification time
Posted by pvictor on Tue, 11 Jun 2019 06:56:47 GMT
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Hi,

It would be fine to have an option to sort files in the list by modification time.
It helps when you need to find the most recently changed file in a folder, containing hundreds of files.

Best regards,
Victor

Subject: Re: FileSel: sort by file modification time
Posted by pvictor on Thu, 13 Jun 2019 11:37:49 GMT
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Hi,

As no one of top guys responded, I made it myself.
The attachment contains changed files from CtrlLib.
The source files are from version 13386.

Best regards,
Victor

File Attachments
1) CtrlLib.zip, downloaded 186 times

Subject: Re: FileSel: sort by file modification time
Posted by mirek on Mon, 17 Jun 2019 09:52:39 GMT
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Sorry for delay, I wanted to resolve it more completely. In trunk...

Subject: Re: FileSel: sort by file modification time
Posted by Tom1 on Tue, 30 Jul 2019 10:09:00 GMT
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Hi,

The above change broke my external initialization access to sortbyext...

Could we have these two added to FileSel? :

```
FileSel& Sort(int kind)       { sortby.SetData(kind); return *this; }
FileSel& Columns(int n)       { list.Columns(n); return *this; }
```

Best regards,

Tom

Subject: Re: FileSel: sort by file modification time
Posted by Tom1 on Tue, 30 Jul 2019 10:48:01 GMT
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Hi,

On the second thought, instead of the above, could we simply have this added to FileSel.h:
#define FILELISTSORTVERSION 2

This way I could tell apart which version of file list sorting I'm dealing with. The rest can be handled in an inherited class allowing access to list.Columns too... This approach allows backward compatibility for my code with earlier Upp versions.

Best regards,

Tom

EDIT: Looking at the large picture, is there or could it be possible to have a builder injected "#define UPPSVNREVISION xxxxx" so I could refer to that in any piece of code? This would completely resolve the above and all similar compatibility issues where support for different Upp versions is required.

Subject: Re: FileSel: sort by file modification time
Posted by mirek on Tue, 30 Jul 2019 11:52:03 GMT
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Applied both.

SVN revision is already available (e.g. see TheIDE about box, Version: field) in bmSVN_REVISION. The trouble is that it is not available always (as the source do not need to be svn based).

Subject: Re: FileSel: sort by file modification time
Posted by Tom1 on Tue, 30 Jul 2019 12:38:32 GMT
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Hi Mirek,

Thanks! Now it all works with both old and new FileSel.

If I use:
#include <build_info.h>
bmSVN_REVISION returns my own code's SVN revision number, but in this case I would need to know Upp revision number. How can I do that?

Best regards,

Tom

Subject: Re: FileSel: sort by file modification time
Posted by mirek on Tue, 30 Jul 2019 14:01:57 GMT
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Tom1 wrote on Tue, 30 July 2019 14:38Hi Mirek,

Thanks! Now it all works with both old and new FileSel.

If I use:
#include <build_info.h>
bmSVN_REVISION returns my own code's SVN revision number, but in this case I would need to know Upp revision number. How can I do that?

Best regards,

Tom

You are right, that is not possible to use...

Mirek