Subject: BUG + FIX: FileSelNative shows default filename as some trash characters
Posted by zsolt on Sat, 03 Sep 2022 02:19:12 GMT
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On windows, using MSC it shows trash, with CLANG: nothing.

To reproduce and test:

```
#include <CtrlLib/CtrlLib.h>

using namespace Upp;

GUI_APP_MAIN
{
 FileSelNative fs;
 fs
  .Type(t_("CSV files"), "*.csv")
  .AllFilesType()
  .ActiveDir("c:\\tmp")
  .DefaultExt("csv")
  .Set("ABCDEF.csv");
 if(!fs.ExecuteSaveAs())
  return;

 PromptOK("Filename:&&" + DeQtf(~fs));

}
```

The fix:

```
@@ -191,33 +191,33 @@ bool FileSelNative::Execute(bool open, const char *dlgtitle) {
  ofn.lpstrInitialDir = W32(activedir);
  ofn.lpfnHook = sCenterHook;
  int bufsize = ofn.nMaxFile = (multi ? 32000 : _MAX_PATH);
  Buffer<char16> buffer(bufsize);
  *(ofn.lpstrFile = buffer) = 0;
  if(!filename.IsEmpty())
  {
-  String out;
+  Vector<char16> out;
   for(int i = 0; i < filename.GetCount(); i++)
   {
    if(*ofn.lpstrInitialDir == 0 && FindFile().Search(AppendFileName(GetFileDirectory(filename[i]),
"*")))
     ofn.lpstrInitialDir = W32(GetFileDirectory(filename[i]));
    if(!open || FileExists(filename[i]))
    {
```

```
     String fn = GetFileName(filename[i]);
     if(!IsNull(fn))
     {
      if(multi && fn.Find(' ') >= 0)
-      out << W32(String() << '\"' << fn << '\"');
+      out.Append( ToSystemCharsetW('\"' + fn + '\"'));
      else
-      out << W32(fn);
-     out.Cat(0);
+      out.Append(ToSystemCharsetW(fn));
+     out.Add(0);
     }
    }
   }
-  int l = min(out.GetLength(), bufsize - 1);
+  int l = min(out.GetCount()*2, bufsize - 1);
   memcpy(buffer, out, l + 1);
  }

  if(dlgtitle)
   ofn.lpstrTitle = W32(dlgtitle);
  else if(open)
   ofn.lpstrTitle = W32(t_("Open.."));
```

Subject: Re: BUG + FIX: FileSelNative shows default filename as some trash characters
Posted by Klugier on Sat, 03 Sep 2022 08:42:43 GMT
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Hello Zsolt,

Can you create Pull Request for that change? I know from my own experience that some changes on forum after some time might get lost. The procedure of creating PR is easy, you creating your own form with separate branch and then create PR. You can find more information about our GIT repository on this site.

Klugier

Subject: Re: BUG + FIX: FileSelNative shows default filename as some trash characters
Posted by zsolt on Sat, 03 Sep 2022 14:57:35 GMT
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Hello, I created one:
https://github.com/ultimatepp/ultimatepp/pull/90