Subject: More new functions
Posted by koldo on Wed, 22 Oct 2008 21:25:26 GMT
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Hello all

I propose you some new functions tested in GNU/Linux Ubuntu (Gnome), XP and Vista.
Please give me your feedback and feel free to fix everything:

String GetExtExecutable(const char *ext);

// GetExtExecutable("pdf") will return the name of the program
// that by default open pdf files.
// In XP/Vista it will return the program with the full path

bool LaunchFile(const String& file);

// LaunchFile("Sheet.xls") will open the file with the
// program asigned by default to open xls files

int LaunchCommand(const char *cmd, void (*readCallBack)(String &));

// LaunchCommand("mplayer myclip.avi", MyCallback) will launch
// the command line program with args without opening a window, and
// all the output will be sent to MyCallback(String &) function

int LaunchCommand(const char *cmd, String &ret);

// LaunchCommand("mplayer myclip.avi",str) will do the same
// but sending the output to String str

String GetDesktopFolder();
String GetProgramsFolder();
String GetAppDataFolder();
String GetMusicFolder();
String GetPicturesFolder();
String GetVideoFolder();
String GetPersonalFolder();
String GetTemplatesFolder();
String GetDownloadFolder();

// These functions return the folder assigned for Desktop,
// Program Files, etc.
// (from now please do not do this:

```
//      AppendFileName(GetHomeFolder(), "Desktop");
//  to refer to the Desktop folder or using
//      "C:\\Program Files" ...
//  in many languages is wrong
// It does not handle firefox download folder as it has been
//  impossible for me to know where it is (until now)


bool FileCat(const char *file, const char *appendFile);

// FileCat("FirstFile", "SecondFile") just append SecondFile
//   from the end of FirstFile
```

As you may see some of them use in Linux Portland XdgUtils in the background.
I think it is a strong portable widespread source of information.

If somebody is interested I have a small class that works like
LaunchCommand but opening a command window that handles \r and
\n properly (to be used for example with mencoder).

Best regards
Koldo

File Attachments

1) More funs.cpp, downloaded 934 times