
Subject: Re: Path including non-English character, buglog and usrlog file cannot be deleted

Posted by [kasome](#) on Thu, 28 Aug 2008 12:50:56 GMT

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I am so sorry replying late. Here is my some result.

When i put "ToUtf8(WideString(filename))" to the function "ToSystemCharsetW". i found something wrong when i try to delete and create file with Chinese filenames, so i try to trace the code. Finally, i find out the better solution.

just find the code in

c:\upp\uppsrc\Core\Log.cpp

```
bool LogStream::Delete()
{
    Close();
    if(*filename) {
        if( !FileDelete( filename ) ) {
            BugLog() << "Error deleting " << filename << ": " << GetLastErrorMessage();
            return false;
        }
        *filename = 0;
    }
    return true;
}
```

and fix as the following

```
bool LogStream::Delete()
{
    Close();
    if(*filename) {
        if( !FileDelete( FromSystemCharset(filename) ) ) {
            BugLog() << "Error deleting " << filename << ": " << GetLastErrorMessage();
            return false;
        }
        *filename = 0;
    }
    return true;
}
```

The function "FromSystemCharset" embbed in U++ and the function "WideString" is equivalent.

Because "FileDelete" should take UTF8 string as argument, and filename seem to just the ansi string, covert ansi string to utf8 by the function "FromSystemCharset" should solve the problem (e.g. the problem when path including non-English character, buglog and usrlog file cannot be deleted).

Now everything is work fine. (i hope so)

BTW, here is some test code i wrote to test the two function (in c:\upp\uppsrc\Core\Path.cpp) "FileDelete" and "DirectoryDelete" in processing file with the path including chinese characters, and it works very well in my OS. These two function has no problem when i test.

U++ is an amazing Tool. Thank you.

File Attachments

- 1) [PastedImage.jpg](#), downloaded 670 times
 - 2) [TestPath.rar](#), downloaded 295 times
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