Subject: Environment variables code page
Posted by Zbych on Sat, 25 Jul 2009 11:05:22 GMT
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Hi,

GetEnv function uses FromSystemCharset to convert code page, but environment variables in windows use OEM not ANSI code page. I think that there should be another function - FromOEMCharset (defined only in section PLATFORM_WIN32) and GetEnv should be split in two versions (windows and posix).

App.cpp, line ~10:

```
#ifdef PLATFORM_WIN32
String GetEnv(const char *id)
{
 return FromOEMCharset(getenv(id));
}
```

[...]

App.cpp line ~20:

```
#ifdef PLATFORM_POSIX

String GetEnv(const char *id)
{
 return FromSystemCharset(getenv(id));
}
```

[...]

Util.cpp line ~620:

```
String FromOEMCharset(const String& src)
{
 WStringBuffer b(src.GetLength());
 int q = MultiByteToWideChar(CP_OEMCP, MB_PRECOMPOSED, ~src, src.GetLength(),
(WCHAR*)~b, src.GetLength());
 if(q <= 0)
  return src;
 b.SetCount(q);
 return WString(b).ToString();
}
```