Subject: Re: LaunchWebBrowser() problem and perhaps not the best solution
Posted by koldo on Thu, 15 Mar 2012 07:41:51 GMT

Hello Mirek

In fact WaitForSingleObject() is useless as it always wait the timeout.

However I realized that sometimes the string passed is released BEFORE the thread is really run so second call to ShellExecuteW() fails as LaunchWebBrowser() has ended before .

The proposed solution is this one:

```
void ShellExecuteOpen(char *str)
{
 ShellExecuteW(NULL, L"open", ToSystemCharsetW(str), NULL, L".", SW_SHOWDEFAULT);
 free((void *)str);
}

void LaunchWebBrowser(const String& url)
{
 if (int(ShellExecuteW(NULL, L"open", ToSystemCharsetW(url), NULL, L".",
SW_SHOWDEFAULT)) <= 32) {
  char *curl = (char *)malloc(url.GetLength()+1);
  strcpy(curl, url);
  HANDLE handle = CreateThread(NULL, 0,
(LPTHREAD_START_ROUTINE)&ShellExecuteOpen, (LPVOID)curl, 0, NULL);
  if (handle == NULL)
   return;
  CloseHandle(handle);
 }
}
```

The thread receives the string and releases it.