Planet SoC

Day 2 Updates

Wed, 05/30/2007 - 04:00 — jeff

Last week I completed a new msim_send() implementation in my MySpaceIM protocol plugin for Pidgin, allowing for a more object-oriented method of sending protocol messages. Messages are encapsulated in a GList of structs (MsimMessage), and manipulated using msim_msg_* functions. This is a much cleaner technique for sending messages than g_strdup_printf()ing the raw protocol string and sending it off.

Today I updated my branch to Pidgin 2.0.1, using `mtn explicit_merge t:v2.0.1 h:im.pidgin.soc.2007.msimprpl im.pidgin.soc.2007.msimprpl` Merged cleanly for the most part. Pidgin 2.0.1 includes the RC4 cipher in libpurple, which will simplify msimprpl since I won't need to include the RC4 cipher code from Samba in the plugin.

This project is slowly gaining visibility, and more users are asking for Win32 binaries to easily use the MySpaceIM plugin on WinPidgin without having to compile it themselves. I currently have to reboot into Windows to build the libmsim.dll using Cygwin and Mingw, but this is tedious at best (I prefer to stay in one OS). Played around a bit with setting up a virtual machine to run Windows (with some success), but there may be a better option: cross-compiling.

I setup mingw on my Ubuntu machine as described on BuildingWinPidgin. The plan is to be able to compile Win32 binaries for the MySpaceIM protocol plugin on my Linux machine directly, eliminating the need to boot into Windows to build each binary release. Eventually everything could be automated but I'm not there yet. Whatever it takes, I'm sure that Windows users will appreciate frequent Win32 binary releases.

Received the GSoC gift and finished it. Thanks Google!

I'm undecided on how frequently I'll write in this blog. I'm used to weekly status reports from previous jobs, but of course I prefer programming instead. We'll see.

Update 2007-06-10: changed to use "feed" input format instad of "filtered HTML", so that underscores in function names will not be interpreted as italics (presumably part of Markdown syntax).

Tags: explicit_merge   google   mingw   msimprpl   mtn   pidgin   Pidgin   ubuntu   winpidgin
Source: jeff's blog
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Comments

MySpace IM

Wed, 05/30/2007 - 10:09 — Anonymous

Nice! Can't wait to get this working in Pidgin. I've wanted this feature forever! Keep up the great work!

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.deb?

Hey, since you are Linux native, are you going to release an easy to install .deb or something eventually? I'm switching most people I know over to Ubuntu anyway!

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Actually, duh...

After reading your comments, I'd much rather have a link to a precompiled .dll. For Ubuntu. :D

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