

Re: installing Lingua::LinkParser on Win32

Source: <http://coding.derkeiler.com/Archive/Perl/comp.lang.perl.misc/2005-07/msg01118.html>

- *From:* "Sisyphus" <sisyphus1@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 22 Jul 2005 18:17:49 +1000
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<natdavis_2000@xxxxxxxxxx> wrote in message
news:1121973403.429959.97250@xx

> Rob – I sure did download from there.
>
>>From my working directory in the blib\arch\auto\Lingua\LinkParser
> directory there is a lib file named LinkParser.lib, but is created when
> I run nmake.

That's not the '.lib' file that we need. We need a '.lib' file built using
the '.c' and '.h' files from the link41b.zip file.

I did the following:

- 1) Unzip link41b.zip to F:/link_parser
- 2) Copy the '.h' files from F:/link_parser/include to F:/link_parser/src
- 3) cd to the F:/link_parser/src folder
- 4) In F:/link_parser/src/resources.c change the 2 occurrences of '#if !defined(WIN32)' to '#ifndef _WIN32'. On my box at least, it seems that 'WIN32' is not defined, though _WIN32 is defined. (If resources.c compiles ok, then that's all that matters.)
- 5) run 'cl /MD -c *.c' (you'll get errors wrt constituent-example.c – I don't think that matters)
- 6) then run 'lib /out:linkparser.lib *.obj'

Then, in the Lingua::LinkParser source, place copies of the afore-mentioned '.h' files in the top level folder (same folder as the Makefile.PL), and change the Makefile.PL so that it consists simply of:

```
---start---  
use ExtUtils::MakeMaker;  
  
WriteMakefile(  
'NAME' => "Lingua::LinkParser",  
'VERSION_FROM' => "LinkParser.pm",  
'LIBS' => "-LF:/link_parser/link41b/src -linkparser",  
'OBJECT' => "LinkParser.o @objects",  
'DEFINE' => "",  
'INC' => "-L$LP_DIR/obj -I$LP_DIR/include"
```

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);
---finish---

You'll probably need to change the 'LIBS' entry to specify the path to your link41b/src folder. (You should also be able to delete the 'OBJECT', 'DEFINE' and 'INC' entries entirely if you wish – though it didn't seem to matter for me.)

Then open 'LinkParser.pm' and edit the value of \$DATA_DIR so that it specifies the location of the 'data' directory. In my case:

```
$DATA_DIR='F:/link_parser/link41b/data';
```

Then run 'nmake clean' (to get rid of any previously built makefile, blib, etc.), followed by 'perl Makefile.PL', and 'nmake'.

That should get the thing compiled ok – but the problems don't quite end there. When I run 'nmake test', I get:

```
Microsoft (R) Program Maintenance Utility Version 7.00.9466  
Copyright (C) Microsoft Corporation. All rights reserved.
```

```
F:\perlvc7\bin\perl.exe "-Ilib\lib" "-Ilib\arch" test.pl  
1..15  
ok 1  
Dictionary creation failed at test.pl line 19  
NMAKE : fatal error U1077: 'F:\perlvc7\bin\perl.exe' : return code '0xff'  
Stop.
```

Not quite sure why that is – looks to have something to do with the 'dictionary_create()' function. I'll leave that part of it up to you for the moment – but if you have trouble getting it sorted, then let us know, and I'll take a look. (I'll probably take another look later anyway – in which case I'll post again if I work out what's needed.)

Hth.

Cheers,
Rob

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- *Follow-Ups:*
 - ◆ *Re: installing Lingua::LinkParser on Win32*
◇ *From: Sisyphus*

- *References:*

Re: installing Lingua::LinkParser on Win32

◆ [installing Lingua::LinkParser on Win32](#)

◇ *From:* natdavis_2000

◆ [Re: installing Lingua::LinkParser on Win32](#)

◇ *From:* Sisyphus

◆ [Re: installing Lingua::LinkParser on Win32](#)

◇ *From:* natdavis_2000

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