



Ankit Agarwal <ankit.agarwal365@gmail.com>

Lab: making bison to work on WIN

4 messages

Compiler Design <bit.compiler.2014@gmail.com>

Wed, Jan 29, 2014 at 3:47 PM

Bcc: ankit.agarwal365@gmail.com

(1) See <http://userpages.monmouth.com/~wstreett/lex-yacc/lex-yacc.html>.

Download the bison.simple file.

(2) In CMD prompt,
set BISON_SIMPLE=<full path to bison.simple>

(3) Write the flex and bison files as discussed, with the following
additional function in <file>.y

```
int yyerror ()
{
    printf ("ERROR\n");
}
```

You can think this as similar to need of writing the dummy yywrap
function in the lex file.

This should work.

Meanwhile, see http://www.mingw.org/wiki/HOWTO_Specify_the_Location_of_Libraries_for_use_with_MinGW

It gives how to specify the library path on CMD line on WIN system.

Similar to

```
gcc <file>.tab.c -ly -lfl
```

on UNIX based systems.

(a) -ly: -l stands for library, y stands for yacc (of whose bison is
an open-source, slightly changed version)

(b) lfl: -l again stands for library, fl stands for flex.

If this works, you can remove the yywrap (in <file>.l) and yyerror (in
<file>.y) function

*** Please do all 9 programs of the previous email. They are to
expose you to usage of bison. We will start with C-grammar this week.

Arun

Ankit Agarwal <ankit.agarwal365@gmail.com>

Wed, Jan 29, 2014 at 5:38 PM

To: Compiler Design <bit.compiler.2014@gmail.com>

Sir,

I have made the required changes in my program. But i am now getting some error during compiling "a.tab.c" file. I
have attached the .l and .y file and also a snapshot of the error generated during execution.

The "a.tab.c" file compiles successfully when i remove the printf command from the action of line command.

[Quoted text hidden]

—

Ankit Kumar Agarwal
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3 attachments



Error.JPG
47K

 **a.y**
1K

 **bison_1.l**
1K

Ankit Agarwal <ankit.agarwal365@gmail.com>
To: Compiler Design <bit.compiler.2014@gmail.com>

Wed, Jan 29, 2014 at 5:46 PM

Sir,

That was a warning,so there's no harm. Program executed successfully. Got the required outputs.

Ankit

[Quoted text hidden]

Compiler Design <bit.compiler.2014@gmail.com>
To: Ankit Agarwal <ankit.agarwal365@gmail.com>

Wed, Jan 29, 2014 at 7:26 PM

Thanks...

Please inform others also that to incorporate this procedure...

[Quoted text hidden]