

I assume you selected 'gcc', 'Make', etc development tools during installing cygwin. These are needed for compiling the project. Select as many packages from the list as you can.

I assume you installed 'cygwin' in `C:\cygwin`. If another location used, then change 'C:\cygwin' to that location in the following text.

Follow the steps to compile the project in Cygwin [in Windows]:

1. Copy the attached source code archive 'myspider-1.0.tar.gz' to
`C:\cygwin\home\munazip`
2. Copy the attached 'w3c-libwww-5.4.0-1.tar.bz2' to
`C:\cygwin\home\munazip`
3. Open the 'cygwin' shell. As you sent me screenshot of it.
4. Extract the files from source archive with the following command, in cygwin:
`tar -xzf myspider-1.0.tar.gz`
5. Extract the files from 'w3c-libwww-5.4.0-1.tar.bz2' with following command:
`tar -C / -xjf w3c-libwww-5.4.0-1.tar.bz2`
6. Now change to the extracted source directory with following command:
`cd myspider-1.0`
7. To compile the project, type the following:
`make -f Makefile.cygwin`
You will see some commands are executing after you press ENTER after above
If no error message is displayed, the compilation finished successfully.
For sure that the executable is generated, type:
`ls myspider.exe`
If you see its name, then compilation was successful!
8. To execute the program, type the following:
`./myspider http://www.brad.ac.uk/internal/`

Remember that the spider by default crawls the whole site starting with the given link, so if there are 10000 pages, the matrix will be 10000x10000 and it may take much memory because all the visited links are put in binary-search-tree to be sure that we don't visit the same page twice or the spider doesn't fall into infinite loop in crawling.

So, this is always better to set some limited number of pages to visit. For example, to get a 25x25 matrix, you'll execute the spider as following:

```
./myspider http://www.brad.ac.uk/internal/ 25
```

That's it. I gave you screenshot for 20x20 matrix. To stop crawling press 'Ctrl-C'.

Wish your success in the compiling the project.

If you see any error message during compilation, please send me screenshot of your cygwin shell.