

Forum:[Hack Forums](#)

Thread: [Error when compiling for libssh.](#)

Karma18 - February 9, 2017, 5:22 am

Hello hackforums, just reaching out to see if any experienced c coders could help me with this. I'm trying to compile with libssh and i'm receiving these errors.

```
Code prg.c:23:11: error: unknown type name 'SSH_SESSION'
int shell(SSH_SESSION* session)
          ^
```

```
prg.c: In function 'checkauth':
```

```
prg.c:54:5: error: unknown type name 'SSH_SESSION'
    SSH_SESSION* session;
    ^
```

```
prg.c:55:5: error: unknown type name 'SSH_OPTIONS'
    SSH_OPTIONS* options;
    ^
```

```
prg.c:67:59: error: 'AUTH_SUCCESS' undeclared (first use in this function)
    if (ssh_userauth_password(session, NULL, password) != AUTH_SUCCESS) {
                                                ^
```

prg.c:67:59: note: each undeclared identifier is reported only once for each function it appears in

Annabelle Lee - February 9, 2017, 5:53 am

How are you trying to compile? And can you post libssh?

Karma18 - February 9, 2017, 5:54 am

(Feb 9, 2017 06:53 AM)Annabelle Lee Wrote: [\[CITE\]](#) How are you trying to compile? And can you post libssh?

```
/* cp /usr/local/lib/libssh.so /usr/lib/
gcc -o update prg.c -I /usr/local/include -L /usr/local/lib/ -lssh -lpthread

*/
```

g4143 - February 9, 2017, 6:43 am

I just checked out their linking page its pretty straight forward.

http://api.libssh.org/stable/libssh_linking.html

Annabelle Lee - February 9, 2017, 7:18 am

(Feb 9, 2017 07:43 AM)g4143 Wrote: [\[CITE\]](#) I just checked out their linking page its pretty straight forward.

http://api.libssh.org/stable/libssh_linking.html

Yeah, too bad that helps almost zero amount.

g4143 - February 9, 2017, 7:59 am

Has anyone tried searching Stack OverFlow for the answer?

<http://stackoverflow.com/questions/32094511/how-to-include-libssh-to-my-project>

Annabelle Lee - February 9, 2017, 8:01 am

(Feb 9, 2017 08:59 AM)g4143 Wrote: [\[CITE\]](#) Has anyone tried searching Stack OverFlow for the answer?

<http://stackoverflow.com/questions/32094511/how-to-include-libssh-to-my-project>

Again this doesn't work. What I figured out is that the program is written for an older version of libssh and you need to change around some of the definitions/function calls to their updated versions. Hence it throws around errors. So far I got most of them gone, except for one, which I'm currently fixing.

g4143 - February 9, 2017, 9:50 am

(Feb 9, 2017 09:01 AM)Annabelle Lee Wrote: [\[CITE\]](#) Again this doesn't work. What I figured out is that the program is written for an older version of libssh and you need to change around some of the definitions/function calls to their updated versions. Hence it throws around errors. So far I got most of them gone, except for one, which I'm currently fixing. You seem to be working with more information than OP posted.

Annabelle Lee - February 9, 2017, 10:11 am

(Feb 9, 2017 10:50 AM)g4143 Wrote: [\[CITE\]](#) You seem to be working with more information than OP posted.

He PMed me on discord asking for help, hence I guess.