

Re: Simple email pop3/smtp source – I get a bind error

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.networks/2008-05/msg00117>

- *From:* Test <test@nil.invalid.com>
 - *Date:* Wed, 14 May 2008 12:29:14 +0300
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"Volodymyr M. Shcherbina" <v_scherbina@xxxxxxxxxxxxxxxxxx> wrote:

You still need to connect to server to trigger a "LIST" command. Take a look at these implementations, it might help you:

http://www.codeproject.com/KB/IP/win32_pop3.aspx
<http://www.codeproject.com/KB/IP/cpop3conn.aspx>

Good luck,

Here's the full working code cut down for brevity. I've edited it from your example. It works well with other connections except when trying to get replies from my mail server. I have "mail.whatever.fi" but it's not a real address.

I am fairly new to socket programming btw.

when I took out "if (bind(..) { .. })" part I get error too.

```
DWORD WINAPI Thread1 (PVOID pvoid)
{
    SOCKET listens;
    SOCKET accepts;
    struct sockaddr_in service={0};
    struct hostent *h;

    listens = socket(AF_INET, SOCK_STREAM, IPPROTO_TCP);
    if (listens == INVALID_SOCKET)
        return 0;
    service.sin_family=AF_INET;
    h=gethostbyname("mail.whatever.fi");
    service.sin_addr.s_addr=inet_addr(inet_ntoa(((struct in_addr *)h->h_addr)));
    service.sin_port=htons(110);
    if (bind(listens, (SOCKADDR*)&service, sizeof(service)) == SOCKET_ERROR)
    { //this error comes up, bind fails
        errexit:
    }
```

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```
closesocket(listens);
ExitThread(0);
return 0; //not really necessary since ExitThread does it.
}
if (listen(listens, 1) == SOCKET_ERROR)
goto errexit;
while (1)
{
accepts = accept(listens, NULL, NULL);
if (accepts == INVALID_SOCKET)
{
closesocket(accepts);
goto errexit;
}
else
{ //all good exit anyway since this is just a test for connections
closesocket(accepts);
goto errexit;
}
}
return 0;
}
.
```