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Thread: [Pastebin API using C \(win32api\)](#)

SIM-3437924 - May 11, 2021, 1:12 pm

Hello friends,

I've recently attempted to use the Pastebin API in a project i'm working on in C to utilise it as a C2 server. but I've had no such luck in making it work. Does anybody have any experience with this?? Or perhaps any pointers?? I've tried it with wininet but I guess winsock would be better (just for av evasion) but either one is fine.

Thanks in advance!

Doomslayer - May 23, 2021, 12:01 am

It's pretty easy to implement a HTTP request using TCP sockets. Plenty of examples online.

SIM-3437924 - May 30, 2021, 2:15 pm

(May 23, 2021 12:01 AM)Doomslayer Wrote: [\[CITE\]](#) It's pretty easy to implement a HTTP request using TCP sockets. Plenty of examples online.

Could you list any examples? I found examples of GET requests but not so much for POST requests.

Doomslayer - May 30, 2021, 3:21 pm

(May 30, 2021 02:15 PM)AndyScott Wrote: [\[CITE\]](#) Could you list any examples? I found examples of GET requests but not so much for POST requests.

First result on google.

<https://stackoverflow.com/questions/22077802/simple-c-example-of-doing-an-http-post-and-consuming-the-response>

SIM-3437924 - June 5, 2021, 9:45 am

(May 30, 2021 03:21 PM)Doomslayer Wrote: [\[CITE\]](#) First result on google.

<https://stackoverflow.com/questions/22077802/simple-c-example-of-doing-an-http-post-and-consuming-the-response>

Hi, thank you for the link, it was very informative.

However my problems still remains, see the code below:

```
Code char* HttpRequest() {  
    HINTERNET hInternet = InternetOpenA("YourUserAgent", INTERNET_OPEN_TYPE_DIRECT,  
    NULL, NULL, 0);
```

```
    if (hInternet == NULL)  
    {  
        return "InternetOpenA failed(hInternet)";  
    }  
    else
```

```

{
    HINTERNET hConnect = InternetConnectA(hInternet, "pastebin.com", 80, NULL, NULL,
INTERNET_SERVICE_HTTP, 0, NULL);

    if (hConnect == NULL)
    {
        return "InternetConnectA failed(hConnect == NULL)";
    }
    else
    {
        const char* parrAcceptTypes[] = { "*/*", NULL };

        HINTERNET hRequest = HttpOpenRequestA(hConnect, "POST", "api/api_post.php", NULL, NULL,
parrAcceptTypes, 0, 0);

        if (hRequest == NULL)
        {
            return "HttpOpenRequestA failed(hRequest == NULL)";
        }
        else
        {
            char* hdrs = "Content-Type: application/x-www-form-urlencoded";
            char* frmdata =
"api_dev_key=MyAPIKey&api_option=paste&api_paste_code=TESTDATA&api_paste_private=0&a
pi_paste_name=TEST&api_paste_expire_date=N";

            BOOL bRequestSent = HttpSendRequestA(hRequest, hdrs, strlen(hdrs), frmdata, strlen(frmdata));

            if (!bRequestSent)
            {
                return "!bRequestSent    HttpSendRequestA failed";
            }
            else
            {
                char strResponse[4096];
                const int nBuffSize = 1024;
                char buff[nBuffSize];

                BOOL bKeepReading = TRUE;
                DWORD dwBytesRead = -1;
                DWORD BytesAvailable = 0;
                do
                {
                    InternetQueryDataAvailable(hRequest, &BytesAvailable, 0, 0);
                    bKeepReading = InternetReadFile(hRequest, buff, BytesAvailable, &dwBytesRead);
                    strncat(strResponse, buff, dwBytesRead);
                } while (BytesAvailable && dwBytesRead != 0);

                return strResponse;
            }
            InternetCloseHandle(hRequest);
        }
    }
}

```

```
InternetCloseHandle(hConnect);  
}  
InternetCloseHandle(hInternet);  
}
```

}(Code taken and modified from [here](#))

This code is meant to create a paste on pastebin.

When returned, the output is "Bad API request, use POST request, not GET". So I seem to be making a GET request rather than a POST request... any suggestions on how to fix this?

BlueMoon1001 - July 1, 2021, 6:48 pm

I HIGHLY suggest using CURL. It is a mature library for http requests, literally made for this kind of task. You won't even have to call 1 winsock API function when you use CURL.

sigmasmom - July 2, 2021, 12:02 pm

This'll do you well and works for me.

<https://pastebin.com/b9fjki1y>