
Subject: Example websocket SSL

Posted by [lovmy](#) on Tue, 29 May 2018 14:18:43 GMT

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Hello,

do you have a example of code for websocket server with SSL (wss://) ?

Thank you !

Subject: Re: Example websocket SSL

Posted by [kasome](#) on Fri, 31 May 2019 03:53:29 GMT

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Hi, lovmy

The following example should work.

```
#include "Core/Core.h"
```

```
using namespace Upp;
```

```
// Open demo.html in browser, run this app, push the button...
```

```
CONSOLE_APP_MAIN
```

```
{  
    StdLogSetup(LOG_COUT | LOG_FILE);
```

```
    TcpSocket server;  
    if (!server.Listen(8888)) {  
        LOG("Failed to start listening on 8888..");  
        return;  
    }
```

```
    for (;;) {  
        TcpSocket socket;  
        WebSocket ws;  
        if (socket.Accept(server)) {  
            LOG("Connection accepted");  
            socket.SSLCertificate(LoadFile(GetDataFile("server.crt")),LoadFile(GetDataFile("server.key")),false);  
            if (!socket.StartSSL()) {  
                LOG("Failed to start SSL: " << socket.GetErrorDesc());  
                continue;  
            }  
        }
```

```
while (socket.SSLHandshake());
if (socket.IsError()) {
    LOG("SSL handshake failed: " << socket.GetErrorDesc());
    continue;
}
LOG("SSL established");
if (ws.WebAccept(socket)) {
    LOG("Accepted connection");
    LOG(ws.Receive());
    ws.SendText("Hello browser!");
}
}
if (ws.IsError())
    LOG("ERROR: " << ws.GetErrorDesc());
}
}
```

File Attachments

1) [websocketSSL.rar](#), downloaded 306 times
