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")),fa
lse);
   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.Recieve());
    ws.SendText("Hello browser!");
   }
  }
  if (ws.IsError())
   LOG("ERROR: " << ws.GetErrorDesc());
 }
}
```

File Attachments

1) websocketSSL.rar, downloaded 403 times