
Subject: Re: HTTPS?

Posted by [rylek](#) on Fri, 01 Dec 2006 19:36:28 GMT

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Hi!

This is a short snippet of code I use in a commercial application to get the SSL sockets up and running. I suppose it solves a very specific situation but I hope you'll be able to use it at least to stumble upon some ideas.

Regards

Tomas

```
socket.Clear();
if(encrypt) {
    if(!ssl_context) {
        ssl_context = new SSLContext;
        if(!ssl_context->Create(SSLv3_client_method())) {
            WhenConsole(NFormat("Error creating SSL context: %s", SSLGetLastError()), 0);
            return false;
        }
        if(!IsNull(certificate_file) || !IsNull(private_key_file)) {
            String cdata = LoadFile(certificate_file);
            if(IsNull(cdata)) {
                WhenConsole(NFormat("Error reading certificate file '%s'.", certificate_file), 0);
                return false;
            }
            String pdata = LoadFile(private_key_file);
            if(IsNull(pdata)) {
                WhenConsole(NFormat("Error reading private key file '%s'.", private_key_file), 0);
                return false;
            }
            if(!ssl_context->UseCertificate(cdata, pdata)) {
                WhenConsole(NFormat("Invalid certificate '%s' / private key '%s': %s",
                    certificate_file, private_key_file, SSLGetLastError()), 0);
                return false;
            }
        }
    }
}
SSLClientSocket(socket, *ssl_context, host, port, true, NULL, timeout_msecs);
}
else
    ClientSocket(socket, host, port, true, NULL, timeout_msecs);
if(!socket.IsOpen()) {
    WhenConsole(NFormat(t_("Error opening socket %s:%d: %s\n"), host, port,
        Socket::GetErrorText()), 0);
```

```
return false;  
}
```
