

## JDownloader - Feature #2932

### Add port 443 redirection to proxy page

01/31/2011 09:37 AM - drbits

<b>Status:</b>	New	<b>Start date:</b>	01/31/2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	General	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	040 - FarfarAway		
<b>Resolution:</b>			
<b>Description</b>			
<p>Even when not using a proxy, JDownloader should be able to automatically communicate HTTP via port 443 (HTTPS without the URL change). This is necessary for several reasons:</p> <ol style="list-style-type: none"><li>1) Most of the world's population cannot trust their ISP. Even in the USA, ISPs can no longer be trusted not to transfer connection information without a warrant.</li><li>2) SSL2 and SSL3 connections only require significant overhead for the "Hello" phase of the connection. The "One-time-pad" encryption has minor CPU requirements and no additional IO requirements.</li><li>3) Many of the hosts support SSL2 for all users or for all premium users. This includes Hotfile.</li><li>4) SSL is faster and more reliable than proxies.</li></ol> <p>Technical details are in Developer Description.</p> <p>Note: Because RapidShare AG has a special rate structure for SSL (charging over 10 times the actual cost for SSL calculations), the SSL setting should still remain in the Rapidshare Host Settings.</p> <p>Target version 1.10.</p>			
<b>Related issues:</b>			
Related to Feature # 1471: use ssl.megaupload.com (option)		<b>Closed</b>	<b>03/22/2010</b>
Related to Feature # 2116: HTTPS is not available on all sites that support it.		<b>Rejected</b>	<b>07/30/2010</b>