

## Smuxi - Feature # 180: Please implement FiSH IRC encryption algorithm for smuxi

<b>Status:</b>	New	<b>Priority:</b>	Normal
<b>Author:</b>	Sebastian Schnur	<b>Category:</b>	Engine IRC
<b>Created:</b>	05/25/2009	<b>Assigned to:</b>	
<b>Updated:</b>	10/11/2012	<b>Due date:</b>	
<b>Complexity:</b>	High		
<b>Subject:</b>	Please implement FiSH IRC encryption algorithm for smuxi		
<b>Description:</b>	<p>The FiSH encryption algorithm is already integrated in Xchat and irssi and it's BETA in mirc. Might be nice to get that ready for smuxi too.</p> <p>The Official FiSH page: <a href="http://fish.secure.la/">http://fish.secure.la/</a></p>		

### History

**11/25/2009 08:32 PM - Peter L.**

+1 for me.

**01/05/2010 02:57 AM - Mirco Bauer**

- Complexity set to High

**09/01/2010 10:39 AM - Mirco Bauer**

A MIT/X11 licensed (according to <http://www.bouncycastle.org/csharp/licence.html>) blowfish implementation:

[http://www.bouncycastle.org/viewcvs/viewcvs.cgi/\\*checkout\\*/csharp/crypto/src/crypto/engines/BlowfishEngine.cs?rev=HEAD&content-type=text/plain](http://www.bouncycastle.org/viewcvs/viewcvs.cgi/*checkout*/csharp/crypto/src/crypto/engines/BlowfishEngine.cs?rev=HEAD&content-type=text/plain)

**09/02/2010 02:03 PM - Mirco Bauer**

There is also a GPL v2-only licensed blowfish implementation available, but it's not suitable for Smuxi as Smuxi is licensed under GPL 2+ (2 or later):

<http://www.koders.com/csharp/fidD5E0D7AC50858EA8F7131E8CD2746F3471A1B953.aspx>

**09/02/2010 02:03 PM - Mirco Bauer**

- Category set to Engine IRC

**10/11/2012 05:19 PM - Peter L.**

Blowfish CBC encryption is currently implemented in many places, for example in Quassel and as an extension for various IRC clients like irssi, XChat and mIRC via Mircryption