

Smuxi Issues [FROZEN ARCHIVE] - Feature # 814: HTTP/REST/JSON Web API

Status:	New	Priority:	Normal
Author:	Mirco Bauer	Category:	Engine
Created:	02/26/2013	Assigned to:	Mirco Bauer
Updated:	09/14/2015	Due date:	
Complexity:	High		
Subject:	HTTP/REST/JSON Web API		
Description:	<p>Smuxi needs to replace the .NET Remoting API with a Web API as .NET Remoting is deprecated, is not supported on mobile .NET platforms (like MonoDroid and MonoTouch) and limits frontends to a .NET based or enabled programming language. For this reason a modern and cross-language web API is needed that makes use of current web standards like HTTP, REST and JSON.</p> <p>ServiceStack and SignalR are candidates to reach this goal.</p> <p>A playground which interfaces this web API needs to provide can be found here: https://live.gnome.org/Smuxi/Protocol/Zero</p>		

History

05/14/2015 09:16 AM - Mirco Bauer

- Target version set to 1.1

07/05/2015 12:00 PM - Mirco Bauer

For push notifications WebSockets are also a candidate.

C# WebSockets client+server implementation licensed under MIT:

<https://github.com/sta/websocket-sharp>

07/21/2015 05:32 PM - Mirco Bauer

The issue of no message IDs should be addressed before this. This is critical for querying the engine for older messages in a reliable way:

https://github.com/meebey/smuxi/commits/experiments/message_buffer_timestamps

09/14/2015 06:34 PM - Mirco Bauer

Some API drafting:

<https://public.pad.fsfe.org/p/smuxi-rest>