Smuxi - 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:	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. ServiceStack and SignalR are candidates to reach this goal. A playground which interfaces this web API needs to provide can found here: https://live.gnome.org/Smuxi/Protocol/Zero		

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