JSAP Tutorial: Build and deploy web audio effects

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Introduction

Aims of this tutorial:

- Learn how the JSAP standard works
- How to deploy JSAP into your projects
- Build your first JSAP plugin (start thinking of ideas).
- Learn how to load plugins into the host and operate

JSAP Overview

Each JSAP plugin is made up of several objects:

- `BasePlugin` - The inherited object which defines every required interaction of the JSAP instance.
  - `ParameterManager` - Built and accessed as `this.parameters`, holds all the constructors for parameters and interface for manipulating them.
  - `PluginFeatureInterface` - Allows for sharing of audio features between plugins (not going to cover today).
  - `PluginUserInterface` - For building of plugin GUI. Can hold several suitable options and interfaces.

These are all built for you on construction.

Get JSAP

Please clone the following GitHub resource:
`https://github.com/nickjillings/jsap-wac-tutorial`
This will give you the latest JSAP, jsap-plugins and jsap-sandbox environments.
Then open the file `helloworld.js` in your editor, and start the given python server (or any othe localhost service you have).