Connected synths

This package contains experimental implementation of connected synths

# How to create a connection between 2 synths?

## Setup

You need to have your AnnotationStorage and the SynthLinker service running. (go to utils folder and run \_launch.bat in both folder). You also need to have a local webserver pointing to the root of the OpenSourcePS2 folder.

Example:

Let’s connect these 2 synths:

<http://photosynth.net/preview/view/11a0c938-ea81-47c2-a140-65cba367d169?startat=20> (walk)

<http://photosynth.net/preview/view/048b48f0-db27-4a30-a6ff-39b24243bedc?startat=26> (spin)

|  |  |
| --- | --- |
| [C:\wamp\www\spins_viewer\OpenSourcePS2\utils\SynthLinker\connections\11a0c938-ea81-47c2-a140-65cba367d169_20__to__048b48f0-db27-4a30-a6ff-39b24243bedc_26\source\l0\img0020.jpg](http://photosynth.net/preview/view/11a0c938-ea81-47c2-a140-65cba367d169?startat=20) | [C:\wamp\www\spins_viewer\OpenSourcePS2\utils\SynthLinker\connections\11a0c938-ea81-47c2-a140-65cba367d169_20__to__048b48f0-db27-4a30-a6ff-39b24243bedc_26\target\l0\img0028.jpg](http://photosynth.net/preview/view/048b48f0-db27-4a30-a6ff-39b24243bedc?startat=26) |
| [Source (walk above)](http://photosynth.net/preview/view/11a0c938-ea81-47c2-a140-65cba367d169?startat=20) | [Target (spin around)](http://photosynth.net/preview/view/048b48f0-db27-4a30-a6ff-39b24243bedc?startat=26) |

**Start creating annotations:**

/demos/ps-highlight-creation.html?guid=11a0c938-ea81-47c2-a140-65cba367d169&startat=20

/demos/ps-highlight-creation.html?guid=SOURCE\_SYNTH\_GUID&startat=OPTIONAL\_IMAGE\_NUMBER

|  |
| --- |
| C:\Users\henastre\AppData\Local\Microsoft\Windows\INetCache\Content.Word\1_create_annotation.jpg |
| Create annotation and **save it!** |

|  |
| --- |
| C:\Users\henastre\AppData\Local\Microsoft\Windows\INetCache\Content.Word\2_edit_visibility.jpg |
| Edit visibility (optional) |

|  |
| --- |
| C:\Users\henastre\Documents\6_url.jpg |
| Go to target synth and move until you find best target image for the transition. Then display the info panel and copy the full URL containing ?startart=imageNumber information from the link icon (see capture above) |

|  |
| --- |
| C:\Users\henastre\AppData\Local\Microsoft\Windows\INetCache\Content.Word\3_provide_target_synth_url.jpg |
| Enter target synth full URL with ?startat=imageNumber information (make sure that you have saved the annotation before). Also after pasting the URL you need to click outside of the input box to trigger the onchange event and enable the connect button. |

*Rinse and repeat to create a graph of connected synths ☺.*

**You can view the connection at the following URL:**

*/demos/ps-virtual-tour-viewer.html?guid=11a0c938-ea81-47c2-a140-65cba367d169*

*/demos/ps-virtual-tour-viewer.html?guid=SOURCE\_SYNTH\_GUID*

Then you can also keep track of the connection you are making by watching the graph of connection being built with the graph debug viewer at:

*/demos/ps-virtual-tour-graph-viewer.html?guid=11a0c938-ea81-47c2-a140-65cba367d169*

*/demos/ps-virtual-tour-graph-viewer.html?guid=ENTRY\_POINT\_IN\_VIRTUAL\_TOUR\_GUID*

|  |  |
| --- | --- |
| C:\Users\henastre\AppData\Local\Microsoft\Windows\INetCache\Content.Word\4_see_graph_growing.png | C:\Users\henastre\AppData\Local\Microsoft\Windows\INetCache\Content.Word\5_see_graph_growing.png |
| The connection we have just created | Virtual tour composed of 7 synths |

## Expert users:

### Export a virtual tour (annotations + synth connections)

You can export a full virtual tour by clicking on the download json button on the graph debug viewer.

Then you can either use this directly with the SimpleStaticStorage or use it with the import tool bundle with AnnotationStorage (just save it into the dump folder and then run node import.js dump\my\_tour.json)

### Monitoring

You can track down the active list of synths connections requested at: <http://localhost:4000/requests>

You can also see the connection of a synth at <http://localhost:3000/synths/SOURCE_GUID>