

# RESPONSE APP - VERSION 0.1 DOCUMENTATION

## Stimulus

A python code base that generates a file containing experimental details. Requires Python 2.6/2.7. To use, run the following command from the command line:

```
python make_scene_list.py
```

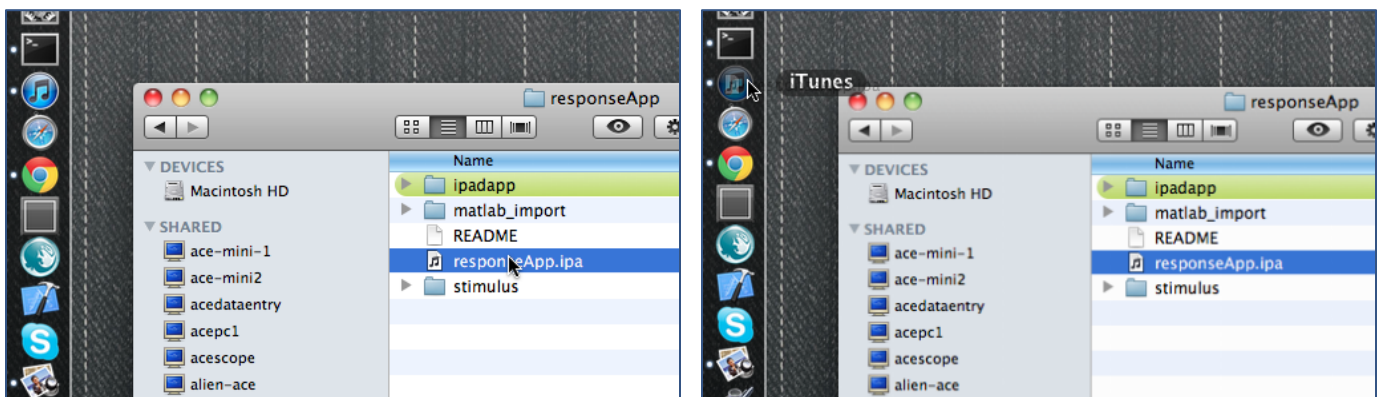
## ResponseApp for Ipad

A native ipad application that reads the stimulus file and presents the experiment.

### 1. Build Instructions

To build, open the XCode project on an Apple computer with XCode 4+ installed, select appropriate developer credentials and build. App has all dependencies embedded within project (TouchJSON).

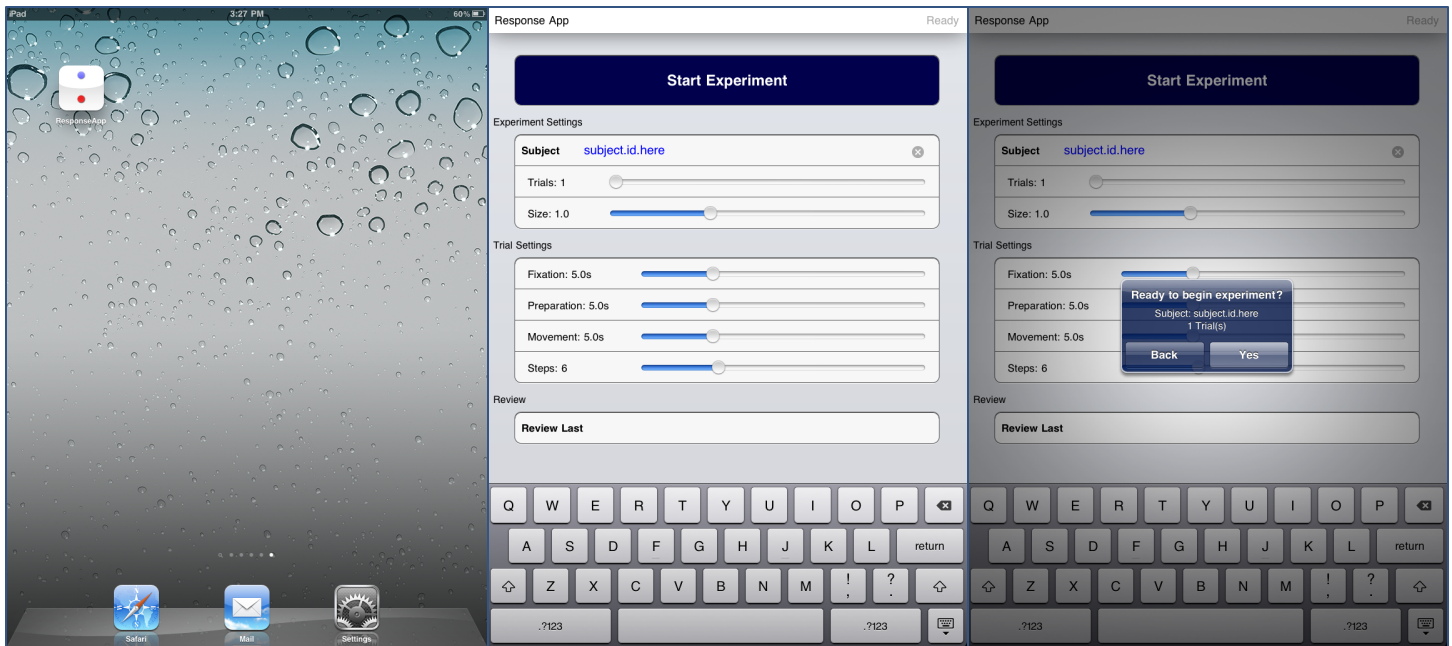
### 2. Install Instructions



To install pre-compiled binary using a Apple/Windows desktop, first connect the ipad. Next, drag and drop the file (responseApp.ipa) into iTunes. The responseApp should appear under the 'Applications' list on the left side. Drag and drop the responseApp to the ipad icon on the left to initiate transfer.

### 3. Using the app

Start tap on the ResponseApp icon. Connect stereo jack to BNC connector on recording device. Select appropriate experimental conditions and enter subject ID. Tap Start Experiment.



### 4. Transferring data from the app

Connect the ipad to the Apple/Windows desktop. Open iTunes.



## Matlab Import

This code provides an example usage to convert data from the recording format into a matlab structure. See comments in import\_from\_matlab.m file for further details.