Changes to Solocontutti V2.0

So much has changed in the new version that it doesn't fit on the website. This document explains what has been updated to produce V2.0.

Sound and Codecs

The most important thing about Solocontutti is that you get good quality sound, so we've put some more effort into that:
- Network glitches are handled better so that they are not as audible
- There is now a 2x compression option and a lossless option. The lossless option is completely uncompressed and requires a lot of bandwidth
- Support for the legacy codec has been dropped. This means that V2.0 is only compatible with versions 1.6.2 and up.

Layout

The layout has had a number of significant changes:
- The layout has been redesigned to have a smoother, cleaner look than the old version
- You can choose between the standard layout and the more complex "Pro" layout which gives access to a lot more features
- You can choose between several backgrounds
- The position of the metronome, plugin and master controls has been moved to the left edge to improve the logic of the layout
- In the settings a new "accessibility" tab has been added to give access to the accessibility options

Mixer controls

The mixer controls have a had a number of changes to make them more usable and offer more functionality:
- In pro mode the input gain control and the output faders for the input channels have been split. This allows you to properly set up the gain and the local mix as you wish
- The sliders are now correctly calibrated – so -20dB is now really -20dB and not just "a lot quieter"
- The input gain controls now use a 0dB gain calibrated to -18dBFS to simulate analogue headroom. More about this in the separate document "Solocontutti Audio Pathway"
- In pro mode the input gain controls have a noise gate function, which can be adjusted in the settings
- The boost is now +8dB instead of the previous +5dB.
- The pan control is now a proper balanced pan, rather than the simple version in the previous versions

- The master output can now be selected to either control the master volume of your device, or to add an extra attenuation stage tot the mixer. This is most useful when you are using external audio interfaces and can't control the output attenuation from the app.

Plugins

The app now supports the use of plugins in pro mode. On the Mac you can use VST3 or AU3 plugins, on Windows VST3. You can have up to 6 plugins per channel, assuming your device is powerful enough to handle this. There are also some standard internal plugins to allow you to add effects to the channels, even if you don't have your own plugins.

Accessibility

Some improvements have been made to the accessibility features of the app, based on user requests
- You can move sliders and knobs with 5x normal speed by holding down the Shift button whilst using the arrow keys.
- In the preferences pages there are now keyboard shortcuts to switch between tabs
- You can turn off the spoken notification when a user joins a session
- You can add an extra fader for the plugin so that you don't have to keep switching back to the DAW