eigenlabs

EigenD System Release Notes

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Release: **1.4.3-experimtental**
Release Category: Experimental

Download location: http://www.eigenlabs.com/downloads/releases

Release Chronology:

- Release 1.4.1   24th May 2011
- Release 1.4.2   13th July 2011
- Release 1.4.3   2nd September 2011

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1 – Introduction

The 1.4 branch is built from the Open Source Release which can be found on GitHub at http://github.org/Eigenlabs.

The 1.4 series is currently tagged as 'Experimental' which means that we are putting in new features which may break compatibility with other 1.4 releases.

The Primary aim of the 1.4 release is to support the Alpha and Tau instruments under Windows.

Please note that to install this release, you should have previously installed the resources package from the Eigenlabs site, or have a previous running installation of an older version. In addition, for Alpha and Tau support you need the latest version (1.0.6) of the Windows Drivers.

2 – Bugs fixed in this release

The 1.4.1 release contains all bug fixes up to Release 1.3.26

- Release 1.4.3-experimental

  - Fix to arranger not playing first event.
  - Fix to remember default setup across EigenD upgrades.
  - Fixes to EigenD wake from sleep.
  - Fixes to incremental setup loading.
  - Fixes to Tau percussion keys to MIDI connection in factory setup.
  - Updated integrated routing matrix document documentation.
  - Changed Audio Unit and MIDI converter program change and bank change bounds to be 0-127 instead of 1-128 for consistency.
  - EigenD doesn't need to be restarted anymore when custom scales are added.
  - Fixes to remember warning dialog ignores across EigenD restarts.
  - Fix to make VST plugins with generic GUIs work.
  - Fixes to make AU plugins with generic GUIs work in setups that aren't using an Apple AU already.
  - Pop up warning dialog when certain functionalities aren't available due to insufficient bandwidth on the USB bus on MacOSX.
  - Updated Pico and Alpha references guides based on the most recent factory setups, the Tau version will follow soon.
  - Fix to only upgrade old setups when no setups are present for the running version (could be experienced as being unable to delete setups).
  - Fixes to Stage connection code and addressing.
  - Fixes to Alpha/Tau keyboard replugging.
  - Unusable ports are now hidden in Stage.
  - Missing agent and port tooltips have been written for Stage.

- Release 1.4.2-experimental

  - Fix to for return to origin with per-note plugin parameters.

- Fix to RPC getValue which could create a deadlock situation.
- Fixed regression for the pre-instantiation of fast talkers.
- Various stability fixes.

3 – Bugs and known issues in this release

- No support for Headphones on Alpha and Tau as yet.

4 – Changes and Improvements

- Release 1.4.3-experimental:

  - Due to a prior bug in Stage, certain existing widgets might be disconnected and shown as greyed out or having a surrounding red rectangle. To reconnect these widgets, follow these instructions:
    - Unlock the Stage editing by clicking on the padlock icon at the top left corner of the window
    - Select the Edit tool which is the third tool in line
    - Left-click on the widget that has to be reconnected
    - Uncheck the 'enabled' flag in the widget properties dialog
    - Confirm by pressing OK
    - Select the Create tool which is the second tool in line
    - Wait for the agent list to load
    - Find the agent and port that the widget is supposed to be connected to
    - Drag and drop the port from the available agent list onto the widget
    - The widget will now be reconnected

- Release 1.4.2-experimental:

  - Added support for per-note AU/VST automation parameters.

    When a mapping is configured for an automation parameter, it can now be set as being per-note. This means that is will use the number of the automation parameter for notes that are played on MIDI channel 1 and increase the number of the automation parameter for each successive MIDI channel that is used. This can then be used to tie the automation parameter to the appropriate parts of a multi-timbral plugin.

  - Added belcanto verbs for sending specific MIDI CC messages to an AU host or MIDI convertor, for instance:

    ```
    audio unit 1 hey midi controller 5 to 64 set
    ```

- Release 1.4.1-experimental:

  Initial 1.4 release. Contains support for the Alpha and Tau on Windows.