BWSSoftstepper
Bitwig Control Script for the Softstep 1 or 2
Vers. 0.0.3
By David Rival | Systemexklusiv 2022
Written as Java extension

Check out this introduction Video;
https://youtu.be/jUpwnU9GnyM

Motivation

I wanted to have a looper in Bitwig where I can control a bunch of clips, arm tracks, delete fails, mute/unmute in a way one can easy record different versions with all the crucial tasks controlled with the feet. I couldn't find a script which fit to my needs therefore I came up with this one. I hope you will enjoy it :-)

To me as Java-Programmer it was great news that one can code controller scripts in Java in Bitwig! Also Bitwig opposed to Ableton Live made a console in their Host Software and opened a DEBUG_PORT to make coding feel as it should be. With the help of master Moßgraber it was like a breeze to get up and running funky java code in the Bitwig ecosystem yay :-D. I always wanted to have a good responsive tailored script for the nice Softstep controllers therefore I came up with this script.

Installation

1. Get the latest release
   1. Copy that file in the following location depending on your OS:
      Windows: %USERPROFILE%\Documents\Bitwig Studio\Extensions\
      Mac: ~/Documents/Bitwig Studio/Extensions/
      Linux: ~/Bitwig Studio/Extensions/
   2. Since Bitwig Studio 4.3 you can simply drag and drop the file on it's main window and the file will be automatically copied in the correct folder!
2. Get the softstep- preset which is needed to for the control script and load it up to the controller in standalone-mode vie SoftStep Editors
   1. Go here and install SoftStep Editors https://www.keithmcmillen.com/downloads/
   2. import the preset BWSSoftstepper, put it in the setlist of the editor and click on "Send To Softstep". You should see its Name "BWS" on the display-
3. Open Bitwig Studio and open the Dashboard. Select Settings and Controllers.
   click on Add controller, select the manufacturer, Keith McMillen and the controller Softstep and click on Add.
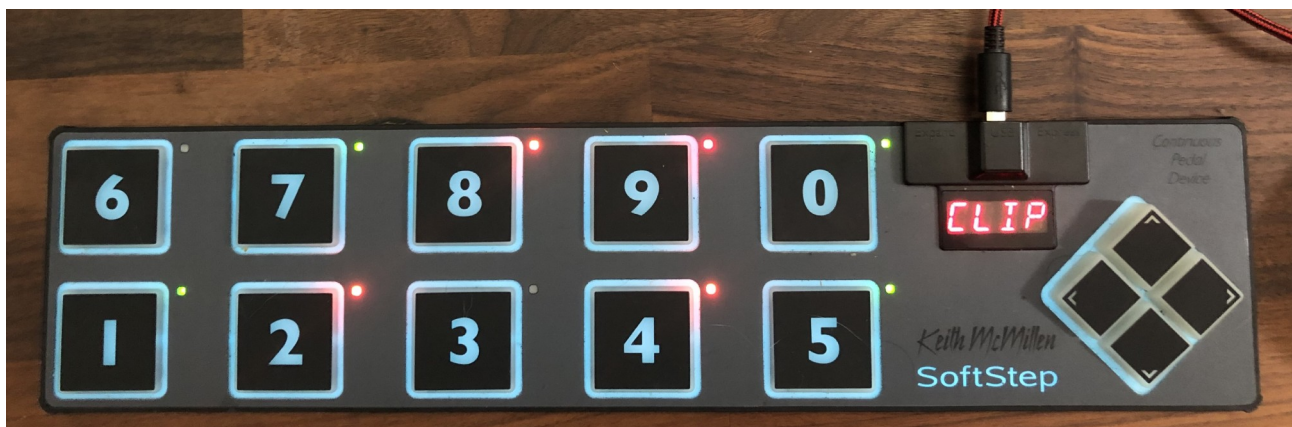
IMPORTANT: note that the extension does not start until you configured the necessary in- and outputs!

StartUp

Make sure that the BWSSoftstepper.softsteppreset is selected on the Softstep 1 or 2. You should see "CLIP" in the 4 digit display of the Softstep. You begin in CLIP-Mode.

Clip Mode

[6] press: toggle Mute Track Long press :Stop Clip	[7] press: Arm Track Long press :Delete all Clips in Bank	[8] Bank left	[9] Bank right	[10]Track Up	Big Navigation Controll up = Clip Mode down = User Mode
[1]Clipslot 1 play/record Long press : Delete Clip	[2] Clipslot 1 play/record Long press : Delete Clip	[3] Clipslot 1 play/record Long press : Delete Clip	[4] Clipslot 1 play/record Long press : Delete Clip	[5] Track Down	Pedal always on Ch1 CC Data1 50

Switching Modes

Use the Up and Down of the big right-hand 4-Way Control on the Softstep to switch modes. Its a bit jittery currently. First press up – nothing happens – but then pressing down will switch to USER-Mode and Up will go back to CLIP-Mode. BTW in Standalone-Mode the left/right directions switch the internal presets list of the Softstep. Make sure ou are using the one for the control script!

USER Mode

[6] press: toggle free assignable	[7] press: toggle free assignable	[8] press: toggle free assignable	[9] press: toggle free assignable	[10] press: toggle free assignable	Big Navigation Controll up = Clip Mode down = User Mode
[1] press: pressure free assignable	[2] press: pressure free assignable	[3] press: pressure free assignable	[4] press: pressure free assignable	[5] press: pressure free assignable	Pedal always on Ch1 CC Data1 50

Thanks

Big Thanks to Jürgen Moßgraber
(https://mossgrabers.de/) for making amazing software and tutorials
Thanks to Nikolaus Gradwohl who wrote a nice JS script for the Softstep which helped me a lot.
Here he wrote about it
https://www.local-guru.net/blog/2018/11/30/Bitwig-Studio-Controllerscript-for-SoftStep2-

the Code is here

Checkout my music and channel here

https://www.youtube.com/user/systemexklusiv/videos
https://www.facebook.com/david.rival.10297/
https://www.instagram.com/systemexklusiv/