



# dawcontrol

## Smart Scoring

An environment macro for Logic Pro

# Setup

Since there is some “trickery” involved in making this work it is important that you follow these setup-instructions, otherwise it won’t work and you’ll probably crash Logic at the same time (if you have a MIDI-loop in your setup). It is in no way hard to do.

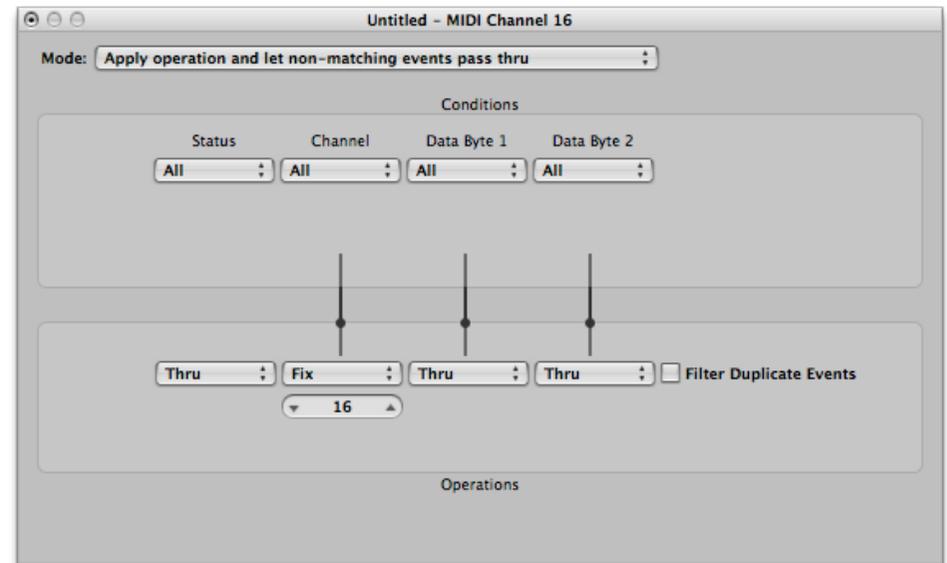
The following setup instructions are also available as video here:  
<http://www.youtube.com/user/ThomasMavian>

## Outside Logic

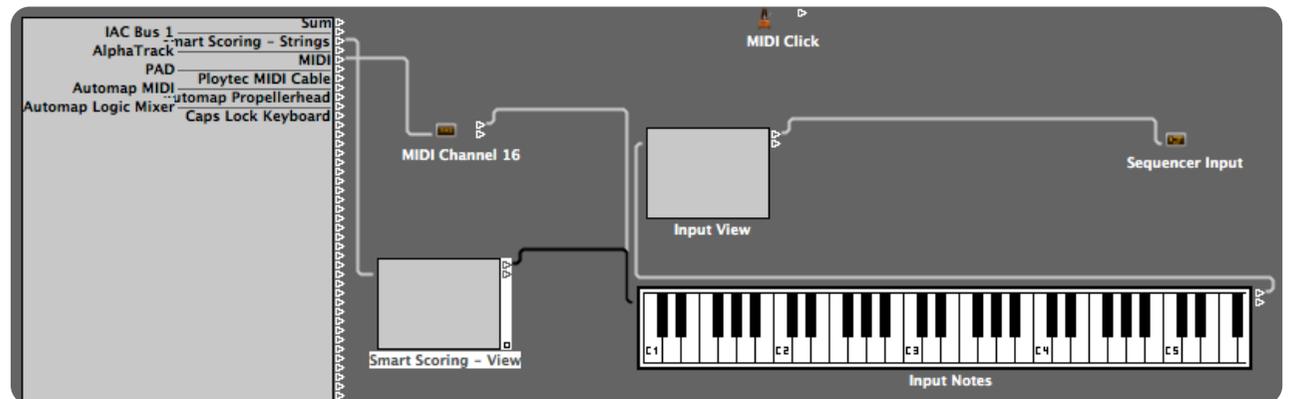
- 1) Launch **Audio MIDI Setup** (located in “Applications/Utilities”)
- 2) Create a **new IAC Bus**, name it “Smart Scoring”
- 3) **Quit** the application

## Inside Logic, part 1

- 1) Launch **Logic Pro**
- 2) Create a **New project** (or open your template of choice)
- 3) **Open the environment** (Command + 8)
- 4) Select the **Click & Ports** layer
- 5) Delete the **Sum** cable
- 6) Add a **new transformer**
- 7) Set it up to convert everything to **MIDI channel 16**
- 8) Cable your **input port** (or keyboard) to the transformer
- 9) Cable the transformer to **Input Notes**
- 10) Create a **new monitor** object
- 11) Cable the new IAC Bus named **Smart Strings** to the monitor
- 12) Cable the **monitor to the Input Notes** object



7) Transformer object settings



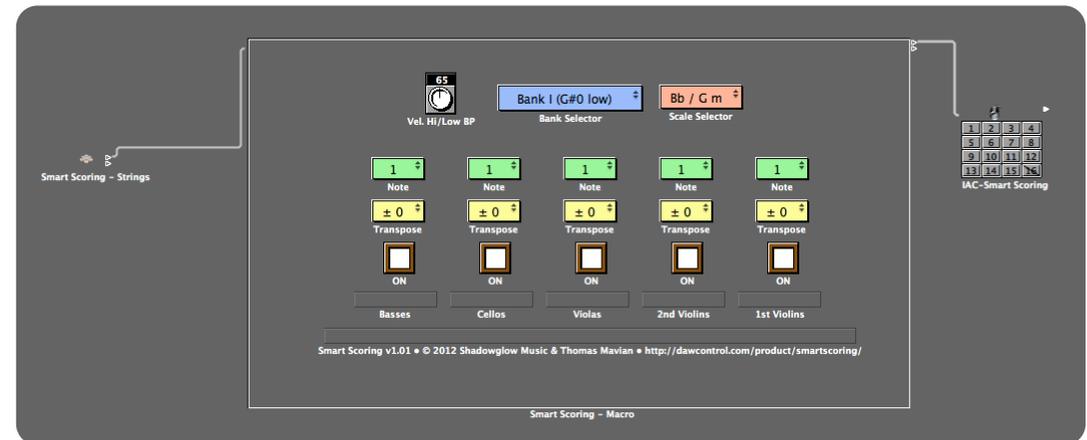
Finished environment (your input ports may vary)

## Setup, cont.

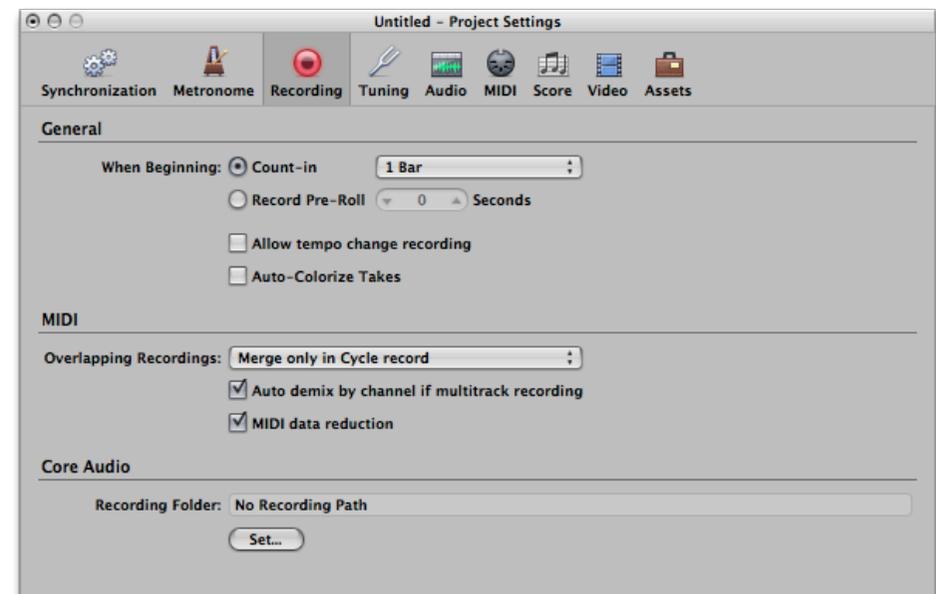
### Inside Logic, part 2

- 1) Open up the **Smart Scoring – Macro.logic** project
- 2) Open the **environment** (Command + 8)
- 3) Select the **Smart Scoring** layer
- 4) **Copy** the macro
- 5) **Close** the project
- 6) In your **project of choice**, open the environment
- 7) Create a **new layer**, name it Smart Scoring
- 8) **Paste** the macro
- 9) Create a **new Instrument** and rename it to whatever you like
- 10) Set it up as such: **Port = off, Channel = 16**
- 11) **Cable** it to the macro
- 12) Create a **new Multi-instrument** and name it
- 13) Cable the **output of the macro** to the Multi-instrument
- 14) Select the **Smart Scoring IAC Bus** for port
- 15) Enable **channel 1 to 15**, not channel 16
- 16) Open **Project Settings** -> **Recording**, click the box at Auto Demix by channel

Setup done!



*The input, macro and output in place*



*16) Make sure **Auto demix** is on*

# Usage

## Tracks

You need 5 tracks that can accept the data from the macro. The distribution of MIDI channels is as follows:

- 1st Violins, ch 1
- 2nd Violins, ch 2
- Violas, ch 3
- Cellos, ch 4
- Basses, ch 5

## Recording

When you want to record MIDI data onto the tracks, make sure you record enable them all and that you select the Smart Scoring - Input track last.

## Velocity breakpoint

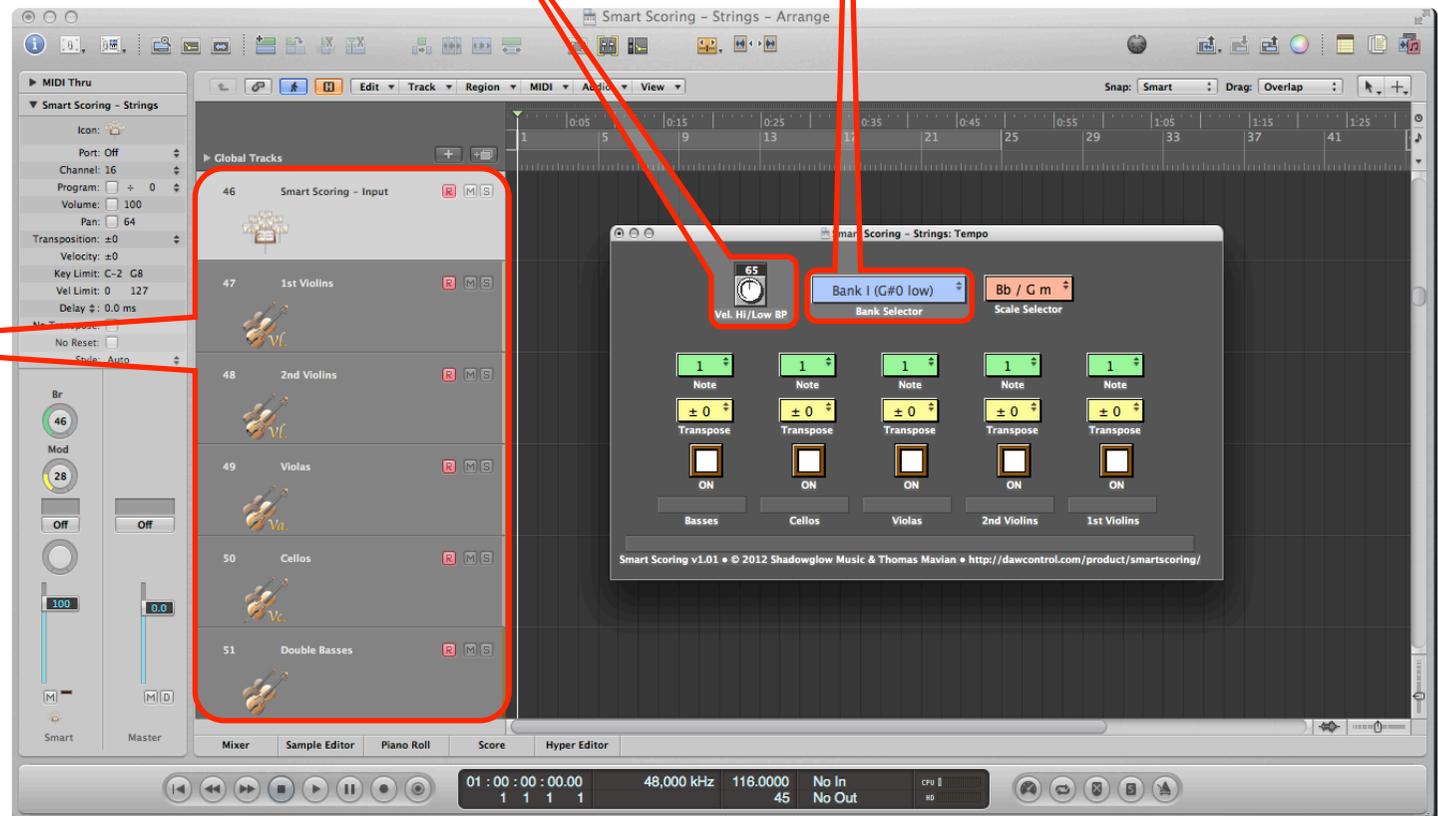
Set the velocity value for the breakpoint between the LOW and HIGH keyswitches.

## Memory bank

The 8 banks are selectable here or via a keyswitch.

## Keyswitches

Key	Low vel.	High vel.
G#0	Bank 1	Bank 5
A0	Bank 2	Bank 6
A#0	Bank 3	Bank 7
B0	Bank 4	Bank 8



# Important stuff (and somewhat boring)

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