



dawcontrol

Smart Scoring – FREE

An environment macro for Logic Pro

Record all in one take!
One note input, five note transposed output

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.

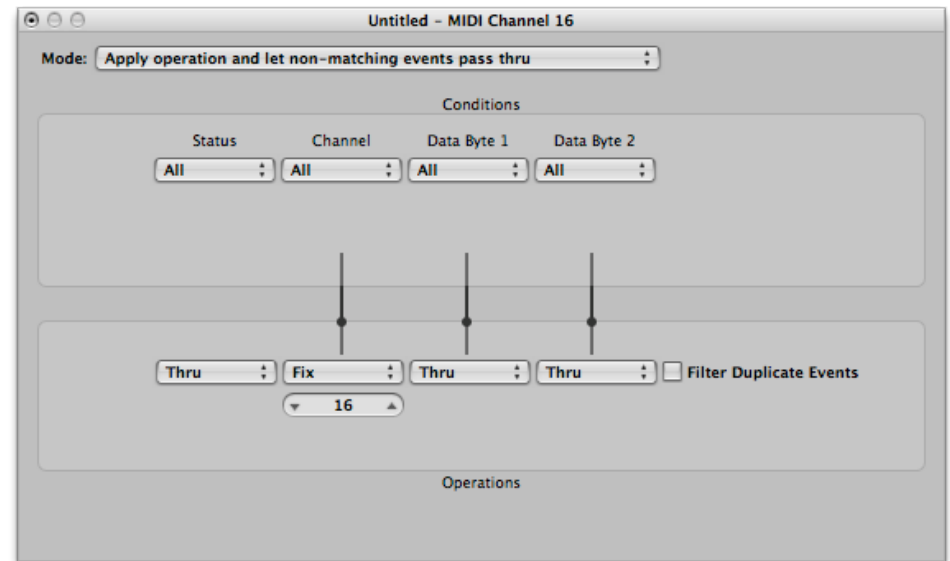
The following setup instructions are also available as video here:
<http://www.youtube.com/user/ThomasMavian>

Outside Logic

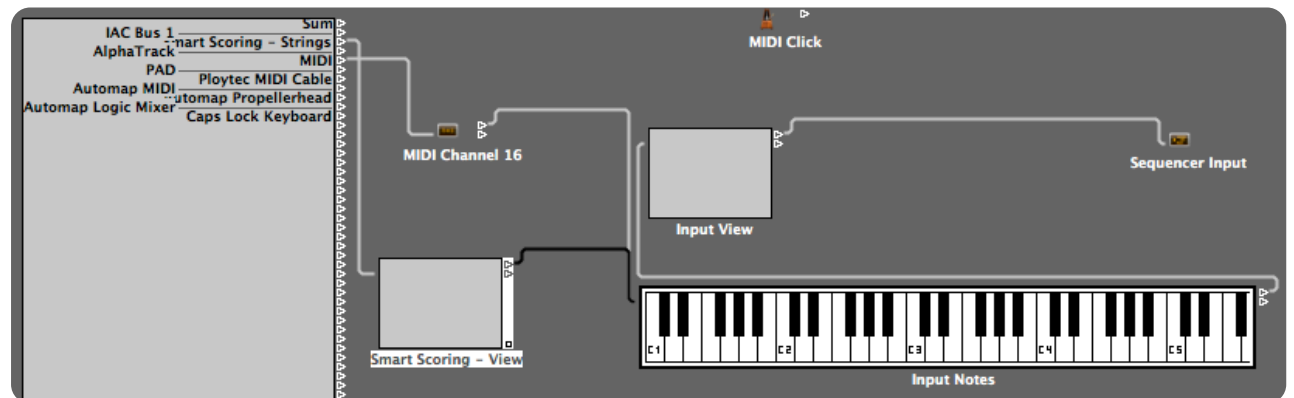
- 1) Launch **Audio MIDI Setup** (located in “Applications/Utilities”)
- 2) Create a **new IAC Bus**, name it “Smart Scoring”
- 3) **Quit** the application

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



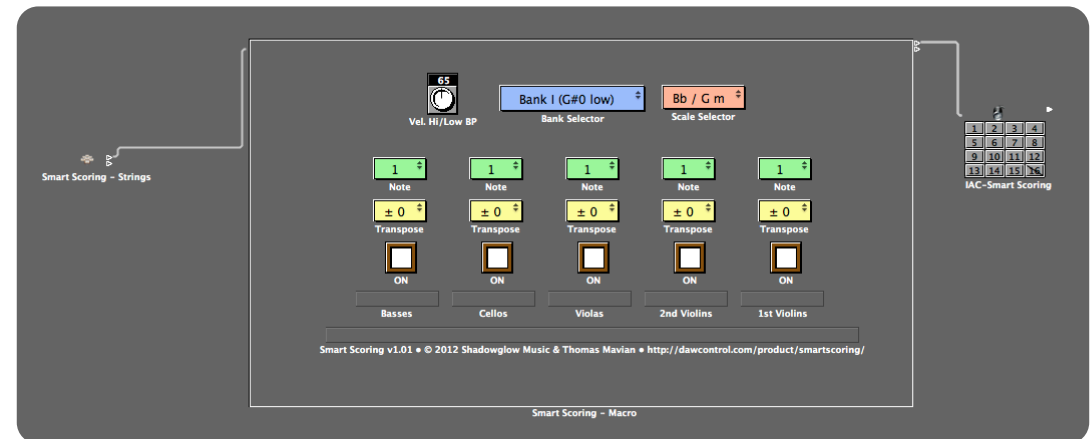
Finished environment (your input ports may vary)

Setup, cont.

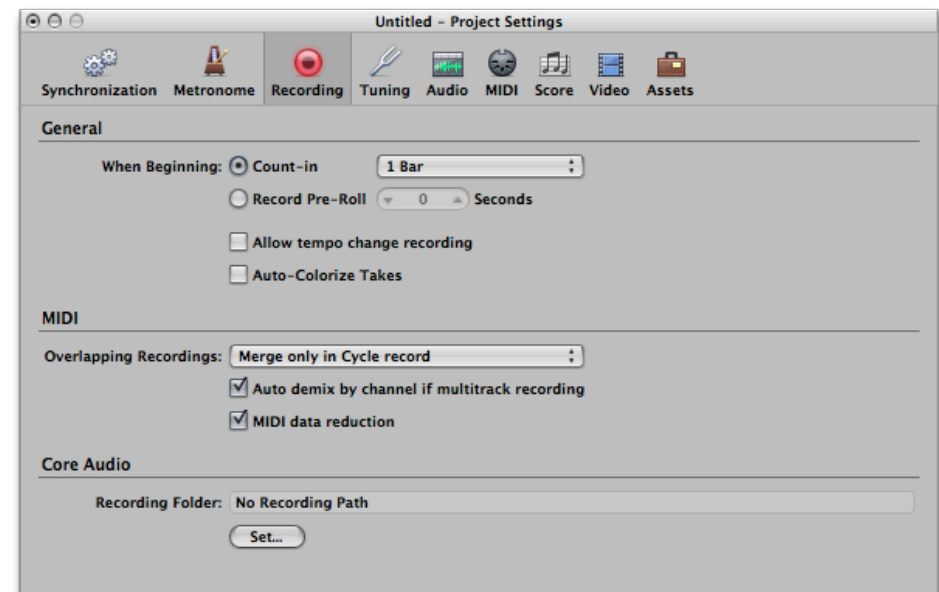
Inside Logic, part 2

- 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

NOTE!
Not all functions are available in this free version.

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

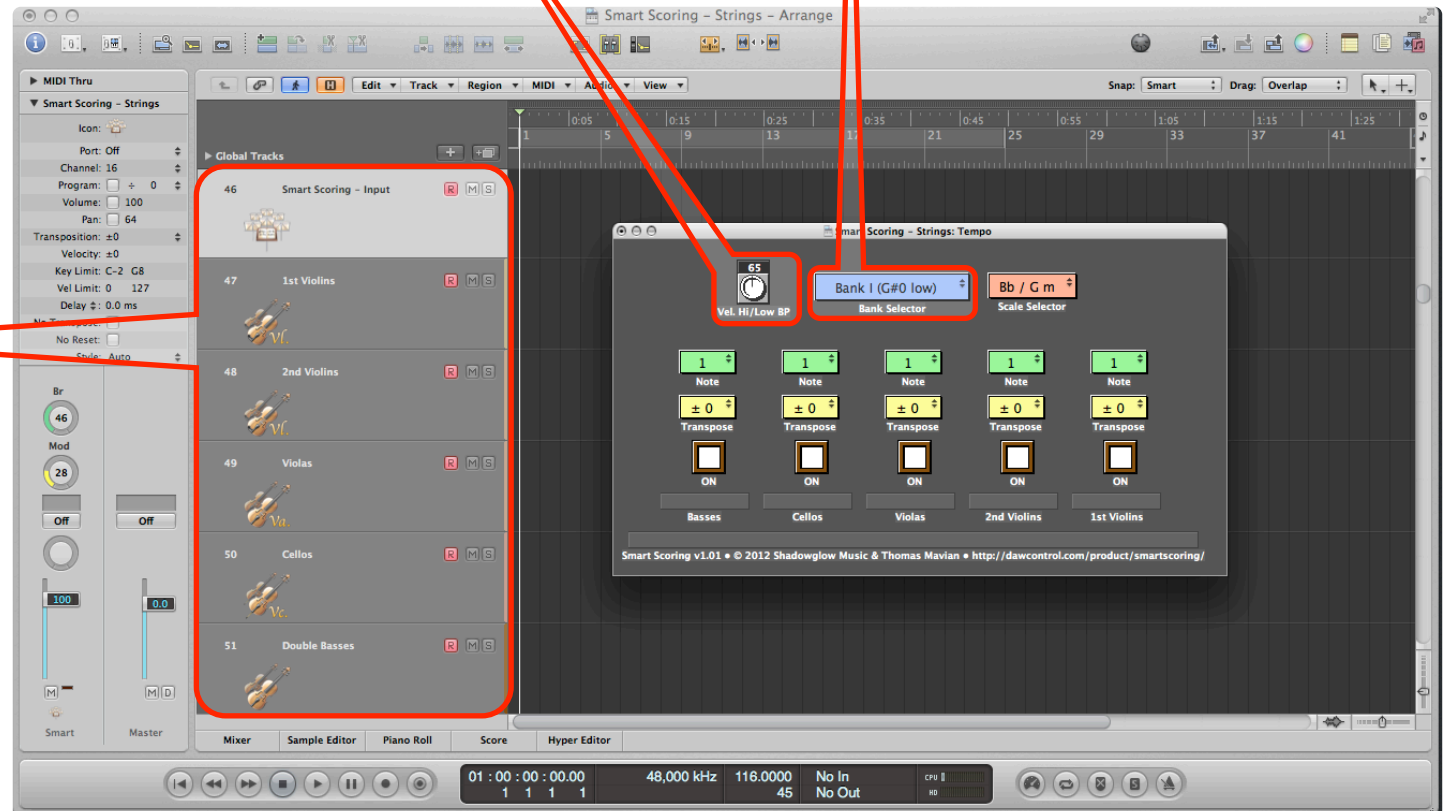
Tracks

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.



Important stuff (and somewhat boring)

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