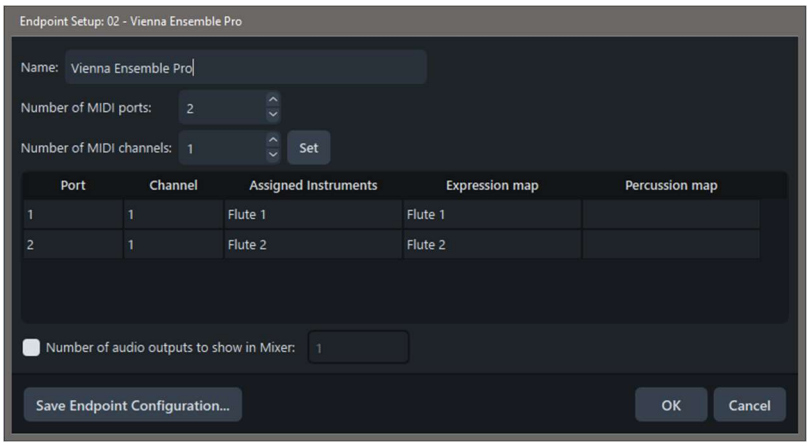
Endpoint Setup

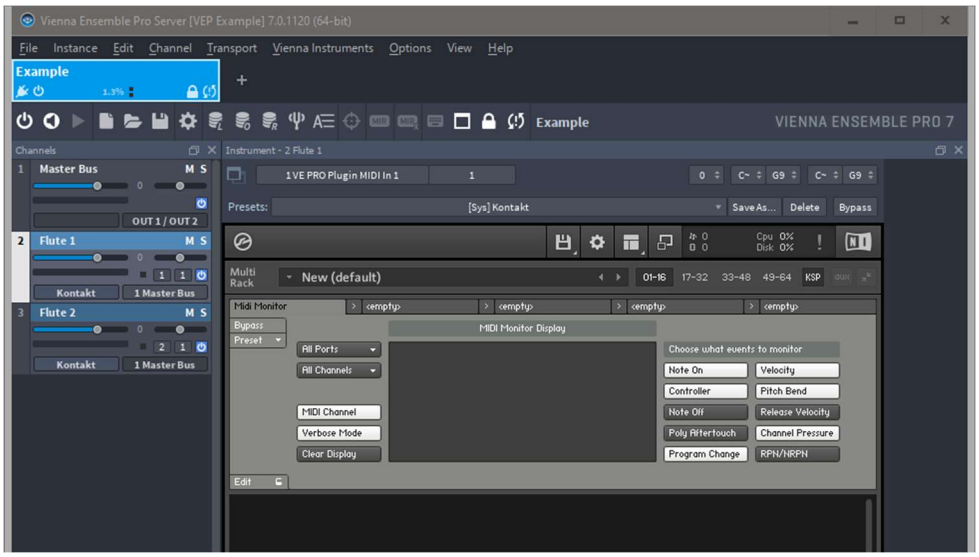


Note that Flute 1 is routed through port 1, Flute 2 is routed through port 2.

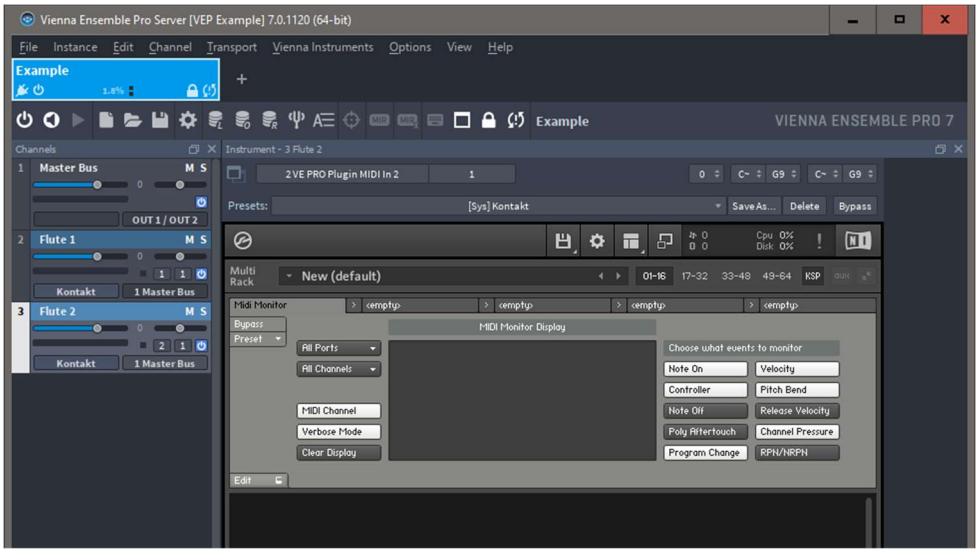
Setup of Vienna Ensemble Pro instance

The instance Example in VEP hosts two channels named Flute 1 and Flute 2. Each channel hosts an instance of Kontakt. The Kontakt instances just host the Midi Monitor factory script. I'm using Kontakt instances because of this convenient way to monitor the incoming midi per port.

Port 1, Channel 1



Port 2, Channel 1

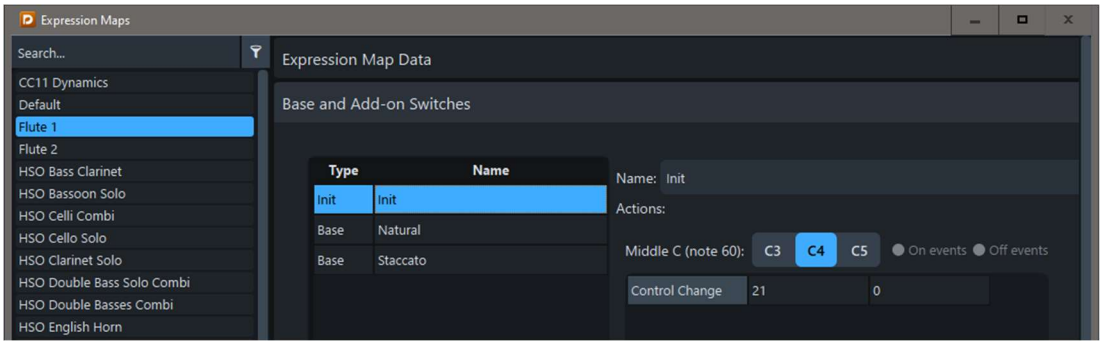


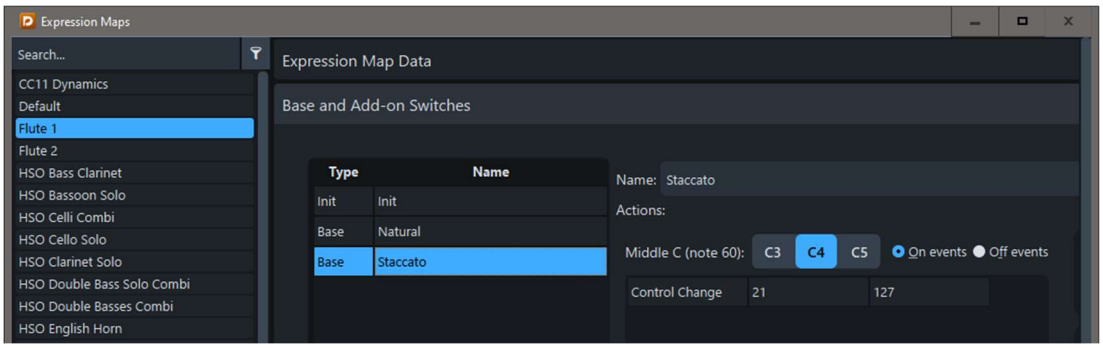
Expression Maps

There are two expression maps: one for Flute 1, one for Flute 2.

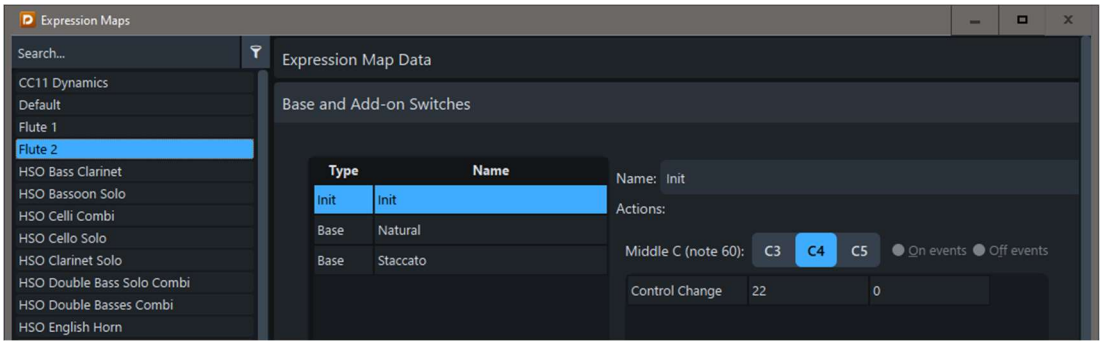
The Flute 1 expression map sends CC21 0 on Init and CC21 127 for staccato. Flute 2's expression map sends CC22 0 on Init and CC22 127 for staccato.

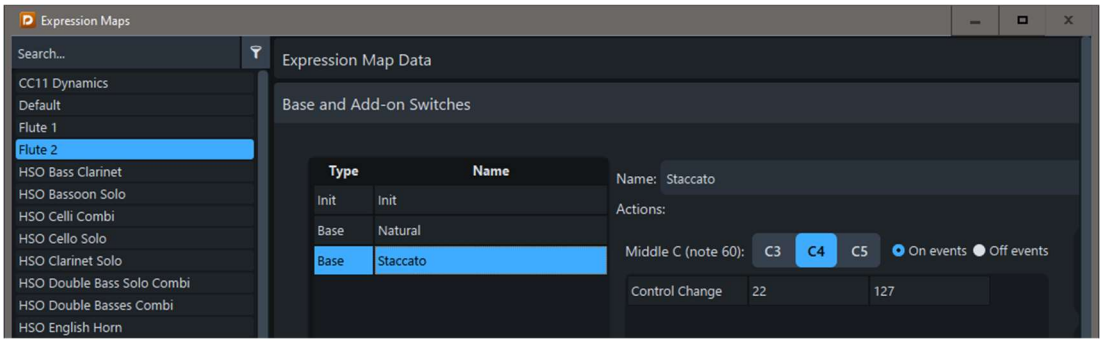
Flute 1





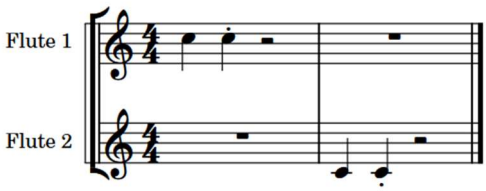
Flute 2





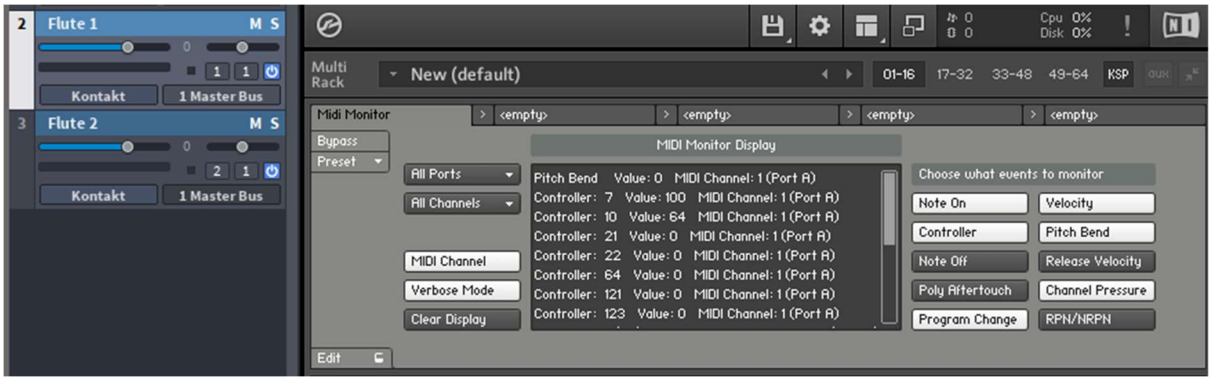
Monitoring

After playing this test flow

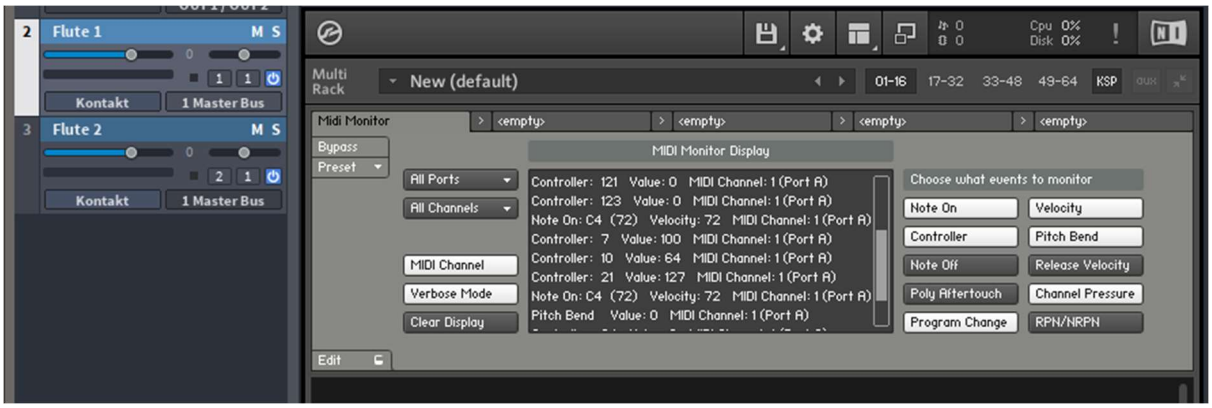


the midi monitor on Port1 registered CC21 0 as it should, because that was triggered by Flute 1's expression map init action.

However, it also registered a CC22 0 which was triggered by Flute 2's expression map init action. That should not have happened because all of Flute 2's midi should have been routed to port 2.



Flute 1 also receives CC21 127 on staccato as it should.



Flute 2 on port 2 does not receive the init sequence. But it does receive CC22 127 as it should, triggered by the staccato.

Conclusion

Port routing does not work for actions defined in the init section of the expression map. It does work, however, for base switch actions, as shown with staccato above.