Troubleshooting Audio Synthesis Issues:

Drafted Jul. 28th – Daniel Wright

**Multiple Articulations:**

EastWest does not contain patches that combine articulations (pizz. harmonic, mutes + articulations, etc.) – as the issue exists in several examples, the audio synthesis team has been attempting to circumvent this problem. The following are some of the approaches taken:

Layering Articulations – Each desired Articulation is layered in a separate track with the attacks synchronized. The ADSR, as well as the patch settings are adjusted to approximate the blending of sounds. This technique seems to work only if the sound is not heard more than once, constant repetition draws attention to the artificiality of the sound.

**Out-of-Range Notes:**

If notes on a given instrument do not sound in EastWest (but did in Sibelius) because they are being shown out of range:

1. Separate the out-of-range notes and put them in a separate track.
2. Using the Play VST, go to the patch settings (the column on the far right)
3. Adjust the second option, Tune, up or down to reach desired note. One whole number is equal to one semitone.
4. If there is more than one out-of-range note, or there are playable notes in between out-of-range notes – surrounding pitches must be moved back to their original pitch.

**Percussion Sounds:**

Some example require percussion sounds that the EastWest library does not have. When this occurs, third party VST’s are necessary to fill in the gaps. Some percussion that do not yet have sounds include: Wooden Head Drums, Indian (Native American) Drum, Chinese Blocks, Lion’s Roar.

Lion’s Roar – Plugin only works with Kontakt 5 or 5.6.

1. Go to the Kontakt website to download/install Kontakt 5.6: <https://support.native-instruments.com/hc/en-us/articles/360000568949-KONTAKT-Player-Legacy-Installers-for-Older-Operating-Systems>
2. Download Lion’s Roar VST: <https://lofiaudio.com/?product=lions-roar-for-kontakt>
3. Open Kontakt in your DAW and run as demo. Drag/Drop the Lion’s Roar file (lionsroar.nki) into Kontakt.