Enhancing the Tutorial Project I

Using your tutorial1 project:

- 1. Envelopes Creating percussive sounds:
 - Click Envelope Library button at bottom-left of the screen and follow the Tutorial instructions to create new envelopes.
 - Create an envelope with the following coordinates:

$$x=0, y=0;$$

x=0.13, y=1.00;

set new segment to EXPONENTIAL (red) and FLEXIBLE

x=0.21, y=0.28;

x=1.00, y=0;

set new segment to EXPONENTIAL and FLEXIBLE

2. Spectrum:

- Click on the Folder Spectrum to create a new object, sp2
- Click on Spectrum sp2
- Set **Deviation** to 0.8
 - For Partial 1, Insert Function and choose EnvLib
- Select Envelope 2 and scale 1
- Add 4 more partials and scale them, respectively, to 0.7, 0.45, 0.21, and 0,15

3. Click on Bottom s1:

- Drag Spectrum sp2 into the white box where it says Child Type | Class |Name underneath sp1
- Raise Number of Children to Create to 45
- Leave Child Start Time Random between 0 and 25
- Click on Child Type Insert Function
 - Choose Select
 - For Choice index, Insert Function, choose RandomInt, Lower Bound=0, Higher=1
 - Add 2 nodes: enter 0 in the first box and 1 in the second box
- Click on Child Duration Insert Function
 - Choose Select
 - For Choice index, Insert Function, choose CURRENT_TYPE
 - Add 2 nodes: enter 3 in the first box and 0.2 in the second box
 - set Max Child Duration at 3 sec.
- Click on Reverb Insert Function
 - Choose REV_Simple
 - Room Size Insert Function
 - Choose Select
 - For Choice index, Insert Function, choose CURRENT_TYPE

- Add 2 nodes: enter 0.7 in the first box and 0.01 in the second box
- 4. Save Project
- 5. Click on Project:
 - Synthesize

Change the seed of your random number generator and produce another/more version(s).

How can you make the difference between sustained and percussive sounds more obvious?

HINT: in this case, percussive sounds sound better if their frequency is low (but still in that range) and if they are louder than the sustained sounds.

EXPERIMENT

\$11274E-616-79-16

新展別を担じ

经整件证明 计 5000