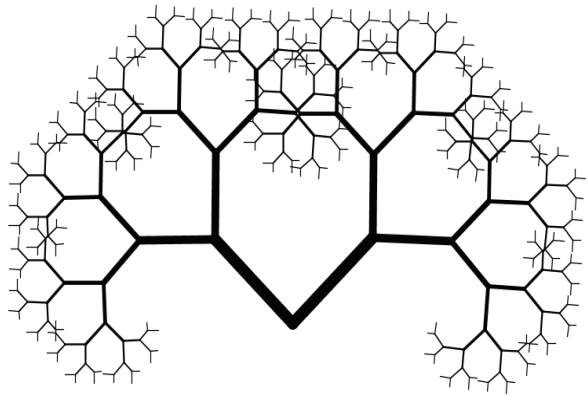


# L-SYSTEMS: ALGORITHMIC SPACE FILLERS

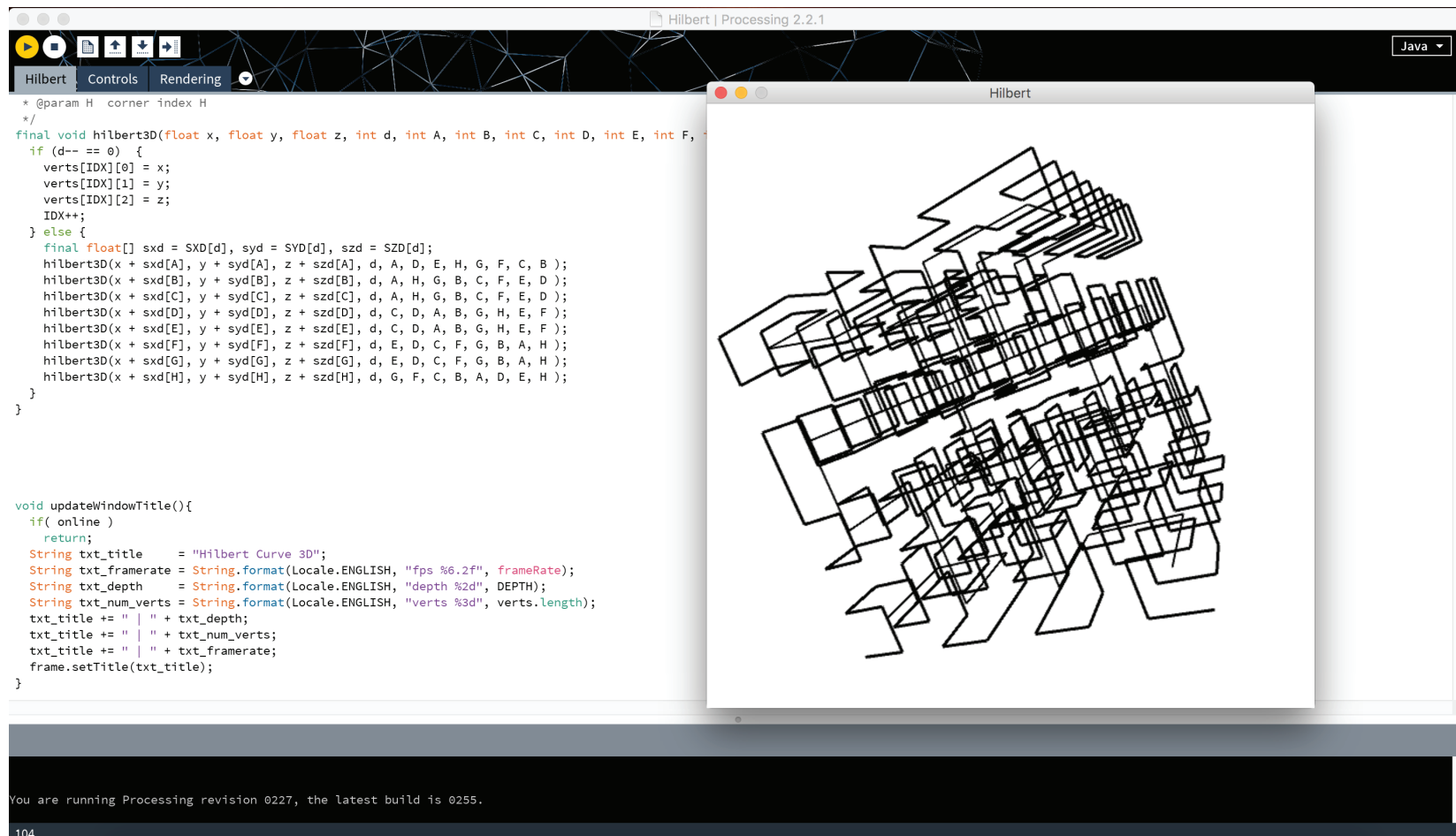
## SKETCHING WITH CODE



**L SYSTEMS** are recursive algorithms. Often manifested in fractal, recursive curves. There are many variations. Most commonly they describe the behavior by which plants and other circulatory systems develop. They are also applied to space filling and probability models.



**TREES**  
An example of several overlaying L-system “trees”, programmed in Processing, all with various growth parameters.



**HILBERT CURVES** are a special type of L System. They are recursive, and orthogonal space filling curves that increase the density of the space each iteration.

