CSCM94 Group 4

Informal meeting/discussion

22 Feb 2016, 2:00pm – 4:30pm Library

Present: Donal, Wang

Discussed:

* Uncertainty about whether the different mixes (difference, intersection, union) need to be individual classes, since they have no unique attributes.
* Not necessary to store information about the center point of a node, as this can be calculated from the vertices comprising it.
* Problems regarding rotation: is rotation always about the center of a node, or can it be about a user-defined point?
* Problems regarding circles: scaling unevenly in x and y to produce an ellipse and then rotating leads to arbitrary curves. How to store information about them and how to draw them?

Progress:

* Extensive redesign of class diagram reflecting notes from Ben Mora regarding object-oriented approach.
* Basic framework of how information in nodes will be organised: one ArrayList element for each component polygon, one array of vertices for each ArrayList element, one coordinate pair for each vertex.

To do:

* User specification needs to be updated to reflect the fact that nodes cannot be edited once created.
* Basic sketch of user interface needed.
* Ask Ben Mora for clarification regarding mix classes, rotation and curves as discussed above.