

Explanation of Extra Credit

For our extra credit, we added functionality to help write the test cases. We realized it was hard to conceptualize where the circles were actually located. For this purpose, we allowed `DotTreeGui_ExtraCredit` to graph each `testFind()` circle along with the tree so we can visually confirm the results and avoid simple coordinate mistakes. The implementation consists of a helper `Circ` class and a `List<Circ> circs`, which gets reset each time we run a test case. The `draw` function (which has the graphics context) can then iterate over this list and draw each circle. A demonstration of its use can be found in the test-case explanation document.