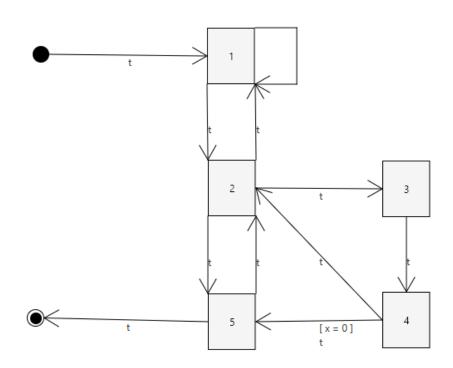
State Diagram Tool for Teaching

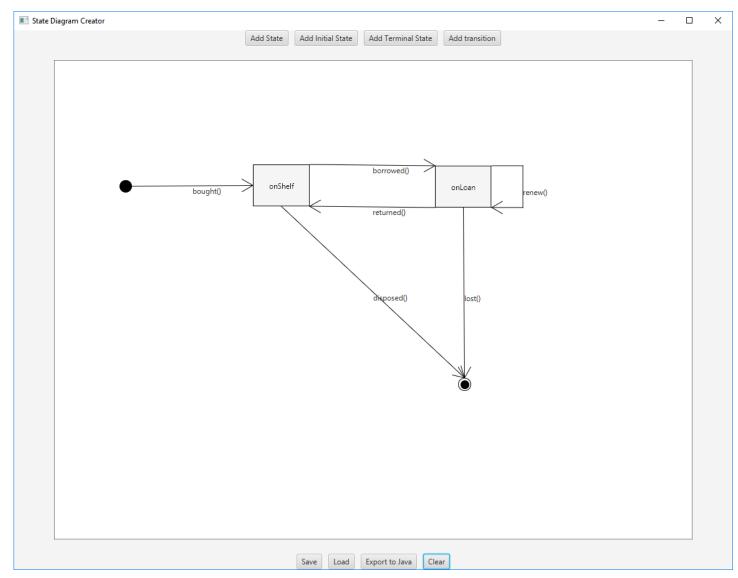
Calum Peters MSc in Software Engineering

Background

- At Stirling, the Undergraduate Computer Science course requires completion of a module on Software Engineering.
- In this module, students are required to create UML State Diagrams.
- Existing tools are intended for development environments and have many features beyond the scope of the course.
- Additionally, the current program used by the \bullet university can easily and accidentally create something other than a State Diagram—this tool is to provide a simpler interface that enforces creating the correct diagram.



Example of a More Complex Diagram



Example Tool Interface and Diagram

Technologies Used



stir.ac.uk For further information contact: *Calum Peters*



UNIVERSITY of **STIRLING**



Features

- WYSIWYG diagram editor •
- Saving and loading to a user editable JSON file
- Export the class diagram to a Java Class skeleton.

Example Generated Class



BE THE DIFFERENCE

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