

Rat-tracker Acceptance Report

User Requirements Implemented:

- More accurate and robust algorithm for finding coordinates
- Command-line design for parameters
- Batch processing for video files
- Separate scripts for rat-tracking and post-processing
- User-friendly GUI for reviewing coordinates

Features not requested but included:

- Verbose output showing percent of frames complete
- Cleaner code design
- Improved documentation

Future Code Design:

- Support for Windows
- Flagging and outputting an error report when algorithm gets stuck at one point and needs to refresh
- Changing frames and coordinates in the GUI with a click