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12/5/17

Final Project Rubric

Week 4: GUI, putting it all together

New Features

1. Finish final engine implementations and optimizations; e.g. avoiding adding duplicate songs into the library, finishing library sorting, completing in-depth tests.
2. Add GUI for library view and traversal depending on some hierarchy: by artist, by album, by song name, by genre.
3. Add GUI menu on each item in library to perform actions: various playing features, adding to playlist, etc.
4. Add GUI to view and edit preferences (metadata); e.g. the location of the libraries to load upon startup.

Testing

1. Automated test suite covering any changes in non-UI classes is present.
 - a) Tests should aim to cover all equivalence classes of inputs and be appropriately complex.
 - b) Tests shall be built separately from the release version of the code.