Mercury functionality document

Main functionality

* Remove messages from top of the queue and durable
* Persist messages such that they can be replayed
* Connect to a datasource
  + Should use an adapter for the ability to create initial context
  + Should use admin stuff for finding out (seeking) connection factories or destinations
  + Should use different user/pass for admin as normal operation
  + Have a dialog for adding in a new broker
    - Add in the conn details
    - Add in password
    - Create the correct conn for the adapter based on the conn
  + Use admin to get details behind it and self configure
    - Once you have a broker it should test connect and then retrieve all of the topics etc
* Create the core functionality then plug into a GUI
* What are the key interfaces in the design?
  + Admin
    - Create queues and topics
  + Messages
    - Browse messages
* User experience
  + Open up the app and see all of the known connections/brokers
  + Select a broker (drop down at top) it will then use cached data to populate below. Should be a button to refresh the data below
  + Open up the topics, queues, durables in a window below. Each of them will have specific functionality and this can only be made available by type (eg topic cannot be browsed)
  + Have a separate dialog to enter a new broker (should be based on an adapter)
    - All brokers referenced through an alias
    - Only populate right side of window when double click on queue/durable.