



Since .html would only have coding errors, app.js and listings.client.factory.js are frameworks, and listing.client.routes.js will automatically reset the state, the only thing that can cause internal errors is listings.client.controller.js unless client/server interaction is really bad. This is handled both by verifying responses during html protocol and by regular javascript error checking to make sure everything is being handled correctly.

There is a universal loading variable that is turned on whenever the listings client controller is doing anything that could possibly take longer than a moment, which in turn causes the website to display differently until the controller finishes.

All of the functions in listings.client.controller.js have their own success message which they send out whenever they successfully terminate without error which would be displayed to the user so that they know when changes were successful.