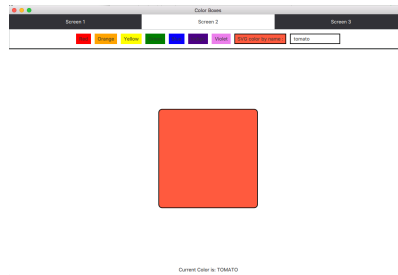


ColorBoxes



The Beginning.

This Story started with thinking outside of these boxes. Once colors were invented, shortly after their digital representation were created. Each of the platform come up with their own set and up until HTML 4.01 people were very happy about around 16 named colors. This gives very limited choices for selecting colors. For graphical purposes, the SVG standard defined 147 named colors. Browsers are committed to display them correctly among all platforms. Many of these colors are relevant when decorating a wall, yet on modern displays only subsets of these are easy to distinguish. Bringing me to the choice using the well-known rainbow colors and one additional box to allow the rest of the 147 colors too into the application. A solution that is easily portable among the platforms.

Selecting the platform and the tools were the next step. The choice of mine set to OSX for its Time Capsule service. Experiencing the limit of a platform or tool materializes in the forms of reboots and in such cases it is more fun when there is an automatic backup in hourly bases. ☺ The tools were in use are Microsoft Visual Studio Code – navigating through the project, GammaRay – highlighting platform specific implementation details, QtCreator – for cross platform deployment, SourceTree – to store the code. Compare to Github, BitBucket does allow private repositories therefore this time have been the choice for the project.

For the Assignment the specification term Screen 1 and example image content Home Screen are mapped and similar mapping used in the production code for the rest of the screens.

There are lots of extra options to grow the application; internalization is part of the implementation. Persistent application state between application sessions is part of the current release, implemented with standard SQL queries for greater portability. Application icons, distribution packages, web-based application are intentionally left for further development. QtCreator encourages the use of QML language, which in turn help the reusability of the component among the platforms.

The Final Product,

- On OSX 10.13 and other platforms QtCreator (from <http://doc.qt.io/qt-5/gettingstarted.html>) can open the Colorboxes.pro and the project can be run on the kits available for the Qt framework.