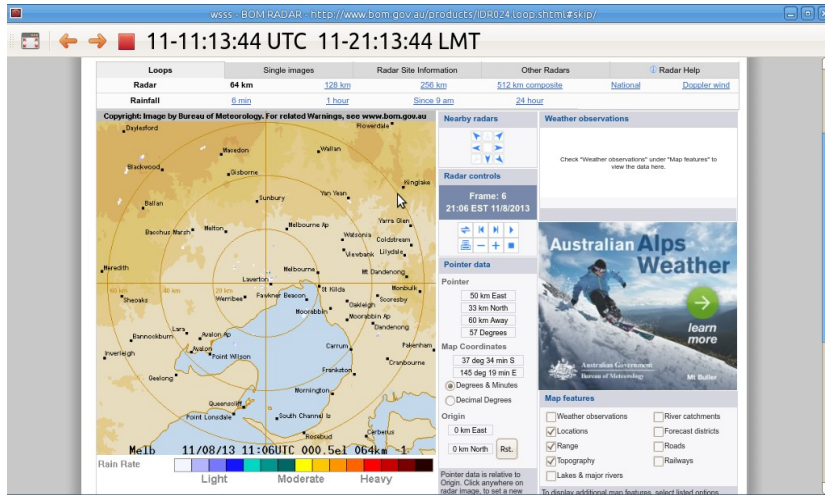


Web Site Slide Show (WSSS)

WSSS is a Qt based program that will display a series of web pages for a specified duration. It is intended to be used on a main office screen for everyone to see as they move around the office.

WSSS was developed by myself to show the weather and pilot status for our helicopter company. This allows the pilots to easily look up from their desks and keep informed as to what the weather is doing.

There is no defined limit to the number of sites to show. However, You may find that anything more than 8-10 tends to take too long to cycle round. It does depend on the content you wish to show.



The **URL** is a standard http web address. If you want to load from the local PCs drive the **file://** type url works.

The timers in the code work in milliseconds so all values are given in milliseconds.

ShowTime is the time in milliseconds to show the page to the user

RefreshTime is the time in milliseconds to wait before refreshing the web page. This helps in reducing the amount of data the program consumes.

Each web page will tend to have its own optimum size but may not visually work

on the screen you are using. You are able to specify a **ZoomRatio** to get the page to look right

The list of pages to show and the display properties are kept in a text file that uses the JSON format. It is a very simple way of formatting the data without having to get too clever.

If no file is specified in the command line of the program, the program will attempt to load a file called **"settings.json"** in the programs base directory. If it cant find that file, it will load a set of dummy sites.

Navigation - Keyboard

- Right Arrow:** Advance to next page
- Left Arrow:** Go back to previous page
- Up and Down Arrow:** Scroll the page up and down
- P:** Pause the the page
- ESC or F11:** Toggle between full and normal screen.
- F2:** Zoom in
- F3:** Zoom Out
- F5:** Reload the page

Navigation - Mouse is done via the tool bar.

Code

The code uses the QT 5.1.0 C++ library. This means it should build and run on any OS platform. That's the claim Qt makes but there are always problems.

The main reason for using QT is that I can use WebKit Widgets to show the web pages – same core code that chrome uses. I don't have to deal with the formatting of HTML pages.

Qt also has plenty of timers that I make use to control the duration and refresh times of the pages.

Repository

A Git repository is held on VPS and Media02. The path is
vps@110.232.113.118:/home/vps/source/qt/wsss.git
or

harrisonheli@192.168.0.51:/home/harrisonheli/source/qt/wsss.git

