How to fix the "Emergency Web Server" problem
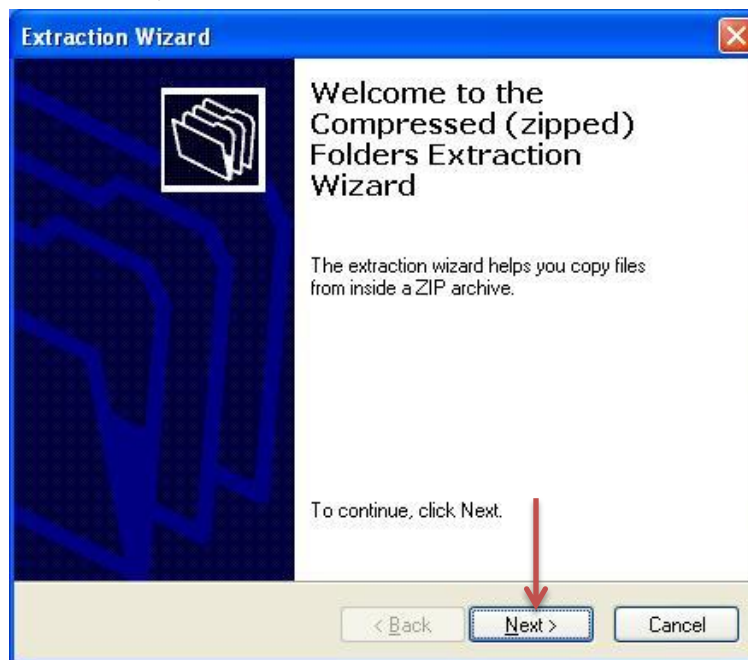
Issue:

 The radio's firmware is corrupt or missing, causing the radio's power light to flash. When trying to access the radio's settings webpage, an Emergency Web Server page is displayed instead.

Typical Cause:

Holding the reset button while applying power to the radio seems to put the radio in this state. Be careful to only press reset once the radio is fully powered on.
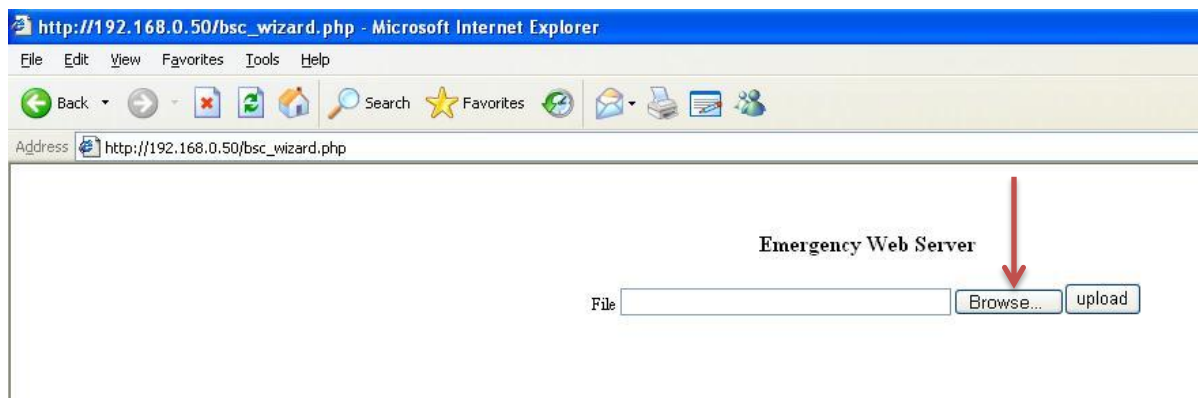
Solution:

1. Download the radio firmware file (dap1522_fw_121.zip) from www.usfirst.org/frc/kitofparts
2. Find the downloaded file, right click, and select "Extract all…"
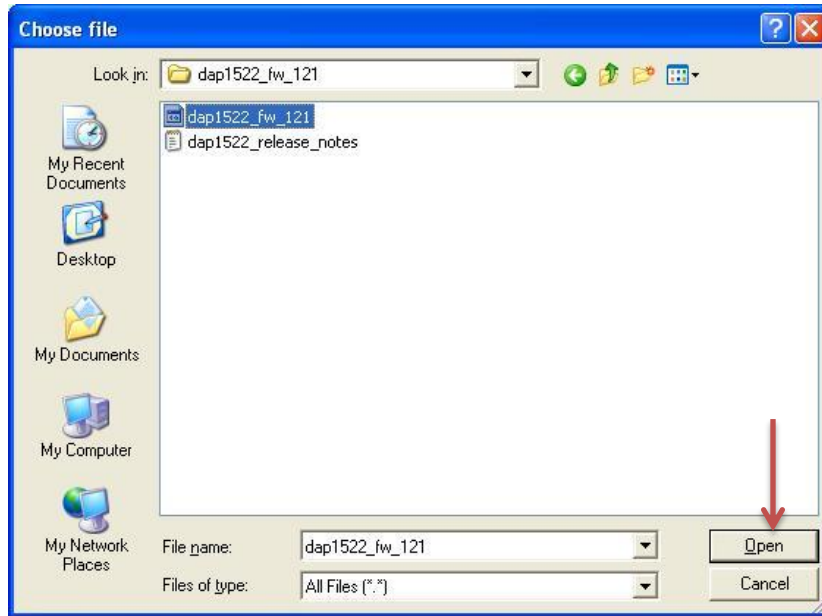3. On the Extraction Wizard, click next

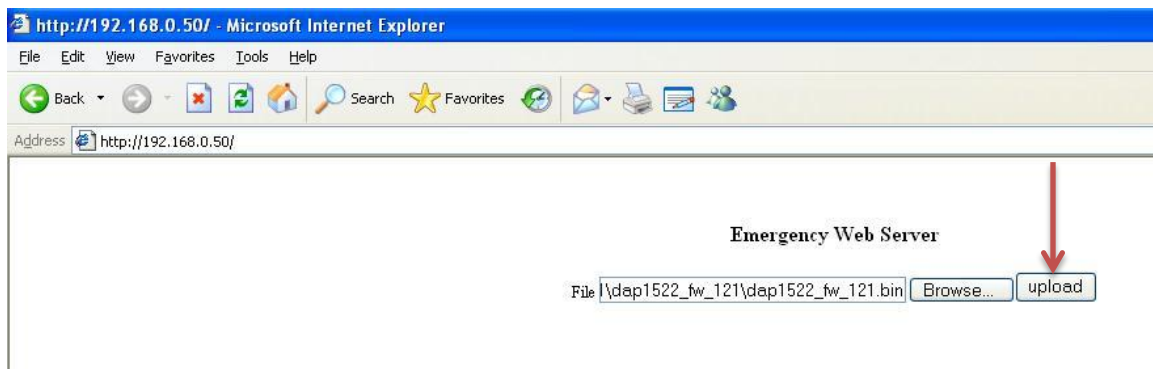4. Select the directory to extract the contents to, then press next again

5. Click "Finish" once the extraction is complete.
6. Using Internet Explorer, navigate to the radio's default address of 192.168.0.50. This should bring up the "Emergency Web Server" page. Note that your computer must have an appropriate IP address to access this page, such as 192.168.0.51.
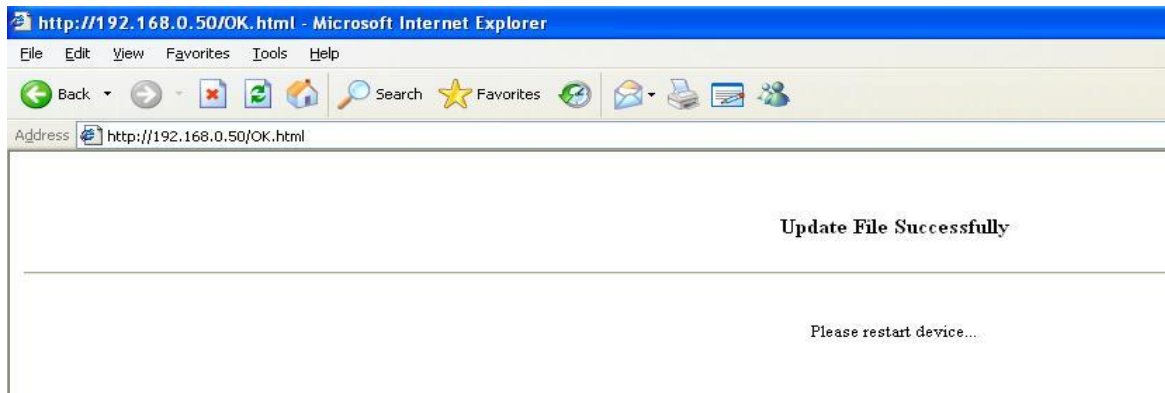
7. Click browse to bring up the "Choose file" dialog. Find the dap1522_fw_121 file you extracted before. Click "Open" to finish the process.

8. Click upload

9. After a "Please wait XX seconds" message an "Update File Successfully" page should display as shown below.

10. Finally, remove power to the radio, and close Internet Explorer. After waiting a few seconds re-apply power to restart the unit. After the unit has fully powered up (approx. 55 seconds), follow the "How to Configure Your Radio" document on the kit of parts website to configure the unit for use on an FRC robot.