Third AJAX Lab

AJAX is a technique for loading data into part of a page without having to refresh the entire page. In this lab, xml data will be requested from a server and added to a web page. You will need to have access to a web server to complete this lab. If you have apache, IIS, or some other web server available on your device, then use that. Maybe you have WAMP, MAMP, LAMP or XAMPP installed on your device, which includes the apache web server. If you are unsure about using a web server then ask your lecturer. Alternatively, you could amend your browser to allow it access to your local file system if you do not have a server available. However, this is not recommended for security reasons, but for the duration of the lab, this option could be enabled. Discuss this with your lecturer if this is an option you wish to proceed with.

Exercise 1 – Load XML Data to a Web Page using AJAX

1. Download the data-xml.zip file from moodle which is included with this lab.
2. Unzip the contents of this file, and deploy to a web server. Discuss this with your lecturer if you are unsure how to proceed.
3. Create a folder named js in the same folder that data-json.html file exists.
4. In the new folder js, create a new file named data-xml.js.
5. Open the file data-xml.html in a web browser, ideally accessing it from a web server. You should see the following:

6. Update the file created in step 4 – data-xml.js, so that the json data located in the data folder is loaded to the web page. Your lecturer will provide instructions on the board for this along with an explanation.
7. When the data-xml.js file is updated and saved, reload the data-xml.html file. You should see the following:

THE MAKER BUS

The bus stops here.