Web data connector - Steps

This document contains the steps required to install basic web data connector and try out samples. This should NOT be treated as an entire document that can be used for any project/APIs – as each project use case and API requirements are unique.

Step 1: Download the Web data connector

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| Navigate to <https://tableau.github.io/webdataconnector/> | * Read documentation * Check the API reference * Click on Get started to go through the details * Download the API libraries |

Step 2: Verify the download folder structure

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| Navigate to [the](https://tableau.github.io/webdataconnector/) folder wherever you have copied the web data connector files. | * Verify that there is an example sub folder * Inside example you should have JS and HTML sub folders. * Inside HTML sub-folder, Clone earthquakeUSGS.html and create a new file for your API entry point (i.e HTML page) * Inside JS sub-folder, Clone earthquakeUSGS.js and create a new file for the API logic (i.e calling REST and parsing JSON response) |

Step 3: Modify HTML page

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| Modify HTML page to refer to Node JS file. | * Refer to the file Books.html whereby we have made a reference to Books JS file |

Step 4: Update Node JS code

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| Modify Node JS code to call the API and parse the response | * Refer to the file Books.html whereby we have made a reference to Books JS file |

Step 5: Copy the HTML and JS code repository in your webserver

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| Webserver deployment | * Copy the HTML and JS in web server repository. * Ensure the HTML is accessible through the webbrowser through accessing the webserver |

Step 5.1: Local testing Step

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| Node JS server start | * Navigate to the folder webdataconnector that you have just downloaded from github. * Start the node server (npm start) * Verify the IPs that are resulting post the server start * Samples: |

Step 5.2: Local testing step

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| Testing using simulator | * Once the node server (HTTP) has started, you can test the html and node JS code using simulator * From the above example, navigate to <http://192.168.0.101:8888/simulator/index.html> * In the connector URL, specify ../Examples/html/<Your HTML page> * Click on “Start interactive phase” * This will open a new popup window (ensure you allow popups) * There will be an action button based on the HTML code that you have created. * Click on the button and return the control to the main page. * In the bottom of the page, you can look at ‘Tables’ section comprising of schema/columns. * Click on “Fetch data” * Verify the data and ensure it is as per the response from API. |

Step 6: Tableau Desktop connectivity

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| WDC Connectivity to Tableau desktop | * Connect to WDC using Tableau desktop * Enter the HTML page URL from the webserver * Fetch the data and create an extract. * Setup refresh schedules after publishing the data source onto the server. |