**Weradiate plugin document**

**Class PropertiesService:**

[getDocumentProperties()](https://developers.google.com/apps-script/reference/properties/properties-service#getDocumentProperties())=Gets a property store (for this script only) that all users can access within the open document, spreadsheet, or form.

* onOpen(e) runs when a user opens a spreadsheet, document, presentation, or form that the user has permission to edit.
* onInstall(e) runs when a user installs an [Editor add-on](https://developers.google.com/gsuite/add-ons/concepts/types#editor_add-ons) from within Google Docs, Sheets, Slides, or Forms.

## Sandbox Mode

All sandbox modes are now sunset except for IFRAME. Apps using older sandbox modes now use the newer IFRAME mode automatically. If you have scripts that were developed using the older modes (NATIVE and EMULATED), you should follow the [migration instructions](https://developers.google.com/apps-script/migration/iframe) to ensure they function properly under the IFRAME mode.

**Login page** :

When user click open buuton that time first goes to **loginRequest ()** in **main.js** and In that method send post request to server and Checks the type of user. If username and password correct shows “connection established” else “connection failed”

**Get data:**

When click getdata that time open getdata.htmsl and loads the DOM and push the data in to getdata page.When user click **submit** button that time call **querydata()**  method in main.js and that method returns and that method collects data from dialogue box then call **weradiate\_DT\_loadTemplate()**

**weradiate\_DT\_loadTemplate() :**

This function initializes the required parameters and calls up the respective functions that loads the user selected Template Model in the spreadsheet.In that method call the **weradiate\_DT\_searchFile()**  function then it’s called template

**weradiate\_DT\_searchFile()** :

This function searches for the file in the drive with the name provided and if the file is located returns the handle to access the file.

**Get-data-jquery.html:**

This file contains source link for get-data.html

**Get-data-style.html**

This files contains css property for get-data.html

**Openclienthandler.js:**

This file handle the client information

**weradiate\_DT\_initClient():**

This function stores the From Date, To date, Aggregator, Template,Reference Line Values in the Document property

**weradiate\_DT\_openClientHandler():**

This function get the client information and create object for that client.

**weradiate\_DT\_getToken():**

This function return the token.

**Data-utility-function.js:**

This file used for comparing date and checks that format .

**apirequest.js**

It’s used for send to server and get response

**Chart.js:**

Chart.js used for display the charts in spreadsheet

**Notify.js**

This file is used for alert model box.

**DEC\_template.js:**

i) DEC Report - Displays all location (sensor) data in a Sheet   
 ii) Cumulative Chart.- Plots a cumulative chart representation and displays in another Sheet

**model1\_template.js:**

Each Sheet has location (sensors) data and respective charts plotted, and N Sheets for N number of locations available in the Client.

**template\_model2.js:**

First Sheet displays all the location (sensor) data and chart representation for each sensor (Site specific) provided in separate sheets and cumulative chart representation of all sensors in the last Sheet.

**template\_model3.js:**

Displays sensor data and its chart representation in a Sheet (Pile specific), N Sheets for N Piles available in the Site.

**Refresh:**

1. On clicking **Refresh** menu, the Current Workbook will be deleted and adds a New Active Workbook.   
 2. There will be an Alert message to save the Workbook before attempting to refresh the Sheets.

About:

**About** menu displays the Product Name, Version and Website Information.