**JavaScript / Google Spreadsheets Documentation**

**Example URL:** https://docs.google.com/spreadsheet/ccc?key=0AmlHUNB0o88CdGtJNFhWUFNmdEdHLVJnTEZUZldRdEE#gid=2

**STEP ONE**

**Calling in Query based on conditional cell values:**

The first part of this will be to create a script that calls in a specific query. I will not be sharing the full query (spreadsheet API token) because there’s some proprietary data, but here’s the gist of what it will need to pull in.

On Sheet 1 in the above doc, there is a list of “Channels”. I need those pulled into a query based if specific cells are selected.

For example, if Business, Finance and News is selected, as well as Mens Lifestyle, then the query would look like this:

=Query(importRange("0AmlHUNB0o88CdE9VUGg3M2dFZXR5Q1ZBbjVDX09Ecnc","FormResponses!A1:AV1000"), "select Col1, Col2, Col3, Col4, Col5, Col6, where Col2 contains **'Business'** and Col2 contains **‘Mens’**”,0)

So each of the channels will input a section of the channel. The names it needs to correlate with are:

Arts & Entertainment = contains ‘Arts’

Business News & Finance = contains ‘Business’

Mens Lifestyle = contains ‘Mens’

Tech = contains ‘Tech’

Food Home & Family = contains ‘Food’

Style & Fashion = contains ‘Style’

We can generate this either on the second sheet via a formula, or if you need to use JS to call in those features, we can select a button from a custom menu item that populates a new sheet, with the query.

**When Query is Generated**

When the query is generated, it pulls in all of the columns selected above. It also needs to add a row that’s labeled “Include” if the channel is Custom, and Exclude if it’s anything but Custom (we have restrictions so Custom cannot be selected if any of the other channels are selected).

Then, it needs to populate “Exclude” if in the Example worksheet, A6 = “x”, and the output from Col3 is “No”. It needs to populate “Exclude” if B6 = “x” and the output from Col4 is “No”. It needs to populate “Exclude” if C6 = “x” and the output from Col3 or Col4 is “No”.

**STEP TWO**

**Generating Traffic Sheet**

I have the following code already embedded, which generates a new sheet when a user clicks on the menu. From this, we then need to do a bunch of loops/arrays that include the following data.

Here’s the menu code:

functiononOpen() {

varss = SpreadsheetApp.getActiveSpreadsheet();

varmenuEntries = [{name: "Generate Traffic Sheet", functionName: "newSheet"},{name: "Generate Site List", functionName: "siteList"}]

ss.addMenu("NPT Tools", menuEntries);

}

functionnewSheet () {

varss = SpreadsheetApp.getActiveSpreadsheet();

varnewDate = new Date();

ss.insertSheet('Traffic Sheet ' + newDate, 2)

}

It’s also already in the Test Sheet I sent.

We need to create the output that is generated on ‘Sheet 3’ of the example sheet. Should be basic loops and arrays.

**STEP THREE**

**Linking Back**

Once a “Generated Traffic Sheet” is created, then the “Exclude” or “Include Data” should be linked back to an “Exclusions” worksheet. What I want this to do is link back to the original Site List sheet. The Site list sheet can move up/down if we add in sites. So we need it to link back from the “Traffic Sheet” to that site list sheet, whether it’s included or excluded.