***Present an Update on Twitter with Google Apps Script.***

Needed to post an update utilizing Google App Script however don't have the foggiest idea how to? It is exceptionally basic and simple to post an update utilizing app script. now, you might be wandering what app script is?

***What is App Script?***

Google Apps Script is a quick application improvement stage that makes it quick and simple to make business applications that incorporate with Google Workspace. You compose code in current JavaScript and approach worked in libraries for most loved Google Workspace applications like Gmail, Calendar, Drive, and then some. There's nothing to introduce—we give you a code manager directly in your program, and your contents run on Google's workers.

You can utilize Google Apps Script to post announcements (tweets) to Twitter.

This model creates an OAuth 1.0a HMAC-SHA1 signature that is changed over to base64 and is passed to the Twitter API by means of a HTTP POST solicitation. You can utilize it to send tweets from Google Addons, Google Sheets and independent web applications.

work postTweet(message) {

var strategy = "POST";

var baseUrl = "https://api.twitter.com/1.1/statuses/update.json";

var props = PropertiesService.getScriptProperties();

var oauthParameters = {

oauth\_consumer\_key: props.getProperty('CONSUMER\_KEY'),

oauth\_token: props.getProperty('ACCESS\_TOKEN'),

oauth\_timestamp: (Math.floor((new Date()).getTime()/1000)).toString(),

oauth\_signature\_method: "HMAC-SHA1",

oauth\_version: "1.0"

};

oauthParameters.oauth\_nonce = oauthParameters.oauth\_timestamp + Math.floor(Math.random() \* 100000000);

var payload = {

status: message

};

var queryKeys = Object.keys(oauthParameters).concat(Object.keys(payload)).sort();

var baseString = queryKeys.reduce(function(acc, key, idx) {

on the off chance that (idx) acc += encodeURIComponent("&");

on the off chance that (oauthParameters.hasOwnProperty(key))

acc += encode(key + "=" + oauthParameters[key]);

else if (payload.hasOwnProperty(key))

acc += encode(key + "=" + encode(payload[key]));

bring acc back;

}, method.toUpperCase() + 'and' + encode(baseUrl) + 'and');

oauthParameters.oauth\_signature = Utilities.base64Encode(

Utilities.computeHmacSignature(

Utilities.MacAlgorithm.HMAC\_SHA\_1,

baseString,

props.getProperty('CONSUMER\_SECRET') + 'and' + props.getProperty('ACCESS\_SECRET')

)

);

var choices = {

technique: strategy,

headers: {

approval: "OAuth " + Object.keys(oauthParameters).sort().reduce(function(acc, key) {

acc.push(key + '="' + encode(oauthParameters[key]) + '"');

bring acc back;

}, []).join(', ')

},

payload: Object.keys(payload).reduce(function(acc, key) {

acc.push(key + '=' + encode(payload[key]));

bring acc back;

}, []).join('&'),

muteHttpExceptions: valid

}

var reaction = UrlFetchApp.fetch(baseUrl, choices);

var responseHeader = response.getHeaders();

var responseText = response.getContentText();

Logger.log(responseText);

}

work encode(string) {

return encodeURIComponent(string)

.replace('!', '%21')

.replace('\*', '%2A')

.replace('(', '%28')

.replace(')', '%29')

.replace("'", '%27');

}

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