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## Google spreadsheet javascript dropdown

In a previous post, I explained how to create a simple dependent drop-down list in Google Sheets. However, with that method you cannot copy the dependent drop-down list into multiple rows. As such, in this tutorial, I'll show you how you can create a dependent drop-down list in Google Sheets and copy it to multiple rows. For this method, you need to have a sound idea about Google Apps scripts. You can learn Apps Scripts Basics for Google Sheets in the following tutorials in the Google Developers tutorial. Apps Script Basics and work with Google SheetsFor this example, I'm going to use the following data stored in another sheet of the same worksheet to populate the primary and dependent drop-down menus. The main drop-down list is populated with Region, and the Dependent drop-down list is populated with Countries where a region has multiple countries. I named the sheet with the data list to fill the drop-down menu as Lists and the sheet on which the drop-down menu created as DropDown. You are also advised to do the same as I will use these names in your code. In this method as well, I'm using data validation to create a drop-down list. However, unlike what appears in the previous post, here I apply data validation to relevant cells using Google Apps Script. You can learn more about Class DataValidationBuilder in this Google Apps Script tutorial. Creating the main drop-down list in Google Sheets with Application ScriptThe following script (function: createPrimaryDrpdwn) applies data validation to range A2:A100 and creates a region drop-down list in each cell. The list is populated from the data in the Lists blade as mentioned earlier. If you're new to Google Apps Script; You can open the application script editor by going to → &lt;&gt; Script Editor in the Google spreadsheet. Then copy and replace the default script with the following script.//CREATE PRIMARY DROPDOWN LIST function createPrimaryDrpdwn() ? /\* SET FOLLOWING VARIABLES \*/ var dataSS to Lists; The name of the sheet that contains data for drop-down lists var dropSS a DropDown; The name of the sheet to create the drop-down list var primaryDropRange a A2:A100; Range which main drop-down menu sets var primaryDropList to SpreadsheetApp.getActiveSpreadsheet().getSheetByName(dataSS).getRange(primaryDataRange).getRange().primaryDataRange).getRange().getRange().getRange().getValues(); var primaryDropRange a SpreadsheetApp.getActiveSpreadsheet().getSheetByName(dropSS).getRange(primaryDropRange); var validationRule ? primaryDropRange.setDataValidation(validationRule); Creating the dependent drop-down list in Google Sheets with Script Apps Here, I'm using the onEdit() Apps Script trigger to apply a data validation rule to the dependent cell (the RHS cell in the same row of the parent cell). Once you select a Region from the main drop-down list, the dependent drop-down list is populated with the Countries in that region list. Region. the following script below the above script to create the dependent drop-down function.//CREATE SECONDARY DROPDOWN LIST onEdit() /\* SET FOLLOWING VARIABLES \*/ var dataSS to Lists; The name of the sheet that contains data for drop-down lists var dropSS a DropDown; The name of the sheet to create var allDataRange to A2:B213; Data range for the drop-down list (both primary and dependent) var primaryDDCol to 1; Column number of the main drop-down menu var dropSS\_ to SpreadsheetApp.getActiveSpreadsheet().getSheetByName(dropSS).var dropDDData to SpreadsheetApp.getActiveSpreadsheet().getSheetByName(dataSS).getRange(allDataRange).getValues(); var activeCell á dropSS\_ getActiveCell(); var activeColumn getColumn.activeCell.activeCell(); getRow(); if(activeColumn-primaryDDCol)- var dep\_Col - primaryDDCol+1; var dep\_Row a activeRow; var depCell a dropSS\_ getRange(dep\_Row, dep\_Col); var primarySelected ? activeCell.getValue(); var validation ? primarySelected).build(); depCell.setDataValidation(validationRule); • getDependentList(dropDDData.primarySelected) function a var dependList to []; var j to 0; if(dropDDData != null) á for(-0; i&lt;dropDDData.length; i++) á if(dropDDData[i][0]-primarySelected)- dependList[i] to dropDDData[i][1]; j++; Once you have combined the previous two scripts, it looks like below. To apply validation rules, you must run the createPrimaryDrpdwn() function once. Final script//CREATE PRIMARY DROPDOWN LIST function createPrimaryDrpdwn() ? /\* SET FOLLOWING VARIABLES \*/ var dataSS ? Lists; The name of the sheet that contains data for drop-down lists var dropSS a DropDown; The name of the sheet that drop-down list will be created var primaryDropRange ? SpreadsheetApp.getSpreadActivesheet().getSheetByName(dropSS).getRange(primaryDropRange); ValueInList(primaryDropList).build(); primaryDropRange.setDataValidation(validationRule); (a//CREATE SECONDARY DROPDOWN LIST function onEdit()- /\* SET FOLLOWING VARIABLES \*/ var dataSS a Lists; The name of the sheet that contains data for drop-down lists var dropSS a DropDown; The name of the sheet in which the var allDataRange to A2:B213 drop-down list will be created; Data range for drop-down list (both primary and dependent) var primaryDDCol to 1; Column number of the main drop list below var dropSS\_ spreadsheetApp.getActiveSpreadsheet().getSheetByName(dropSS); var dropDDData to SpreadsheetApp.getActiveSpreadsheet().getSheetByName(dataSS).getRange(allDataRange).getValues(); var activeCell á dropSS\_ getActiveCell(); var activeColumn ? var activeRow a activeCell.getRow(); if(activeColumn-primaryDDCol)- var dep\_Col - primaryDDCol+1; var dep\_Row a activeRow; var depCell a dropSS\_ getRange(dep\_Row, dep\_Col); var primarySelected ? activeCell.getValue(); var validationRule ? SpreadsheetApp.newDataValidation().requireValueInList(getDependentList(dropDDData.primarySelected)).build(); depCell.setDataValidation(validationRule); function getDependentList(dropDDData.primarySelected) a var dependList to []; var j to 0; if(dropDDData != null) á for(-0; i&lt;dropDDData.length; i++)- if(dropDDData[i][0]-primarySelected) á dependList[j] ? dropDDData[i][1]; j++; The following animation shows how you can run this script. In this post, you learned how to create a multi-row dependent drop-down list in Google Sheets. To use this method, you must have a basic knowledge of Google Apps scripts for Google Sheets. You can learn Google Apps Scripts from the link provided above. Here we have created the drop-down list for a column. However, you can also expand this to multiple columns. How to create Google form dependent drop-down list based on . Hi Felisa - Thank you for your question. Forms are an input mechanism only so that they do not have dynamic filtering on a single form. You can achieve dynamic dependent drop-down menus in Google Form. Dropdown1 values are populated from the Google sheet using a script. Dropdown2 values must also be populated from the Google sheet BUT must change based on the value selected in Dropdown1 on the form. Google Forms. Learn how to update Google form drop-down lists from Google Spreadsheets Duration: 34:39 Published: May 10, 2019 Your first drop-down menu in Google Sheets is just a click away. To create a simple drop-down list, do the following. In cell A2, you can see a drop-down list. This drop-down list allows you to choose any item in the range in C2:C8 from within A2. Tutorial, View your drop-down lists are automatically updated as new items are added! Use the same Duration: 6:20 Published: August 22, 2017 Dynamic Fields Add-on for Google Forms inserts and updates the values of the selection fields. The values of questions of type Multiple Choice, Dropdown, Checkbox, and Grid can be updated by different Google Sheets - Dependent drop-down list for the entire column. You can start with a Google sheet configured with a home page and drop-down source page as below screenshot shown. You can configure the first column drop-down menu through the Now formula part drop-down list in the multi-row dynamic dependent drop-down list in Sheets Google Apply the following formula in cell G1. If (A1-C1,indirect (Agatha\_Christie), if (A1-D1,indirect (Sir\_Arthur\_Conan\_Doyle), if (A1-E1,indirect (Helen\_Keller), INDIRECT (Leo\_Tolstoy))) Now in B1, we can create a dynamic dependent drop-down list. Google Sheets Apps Script, I'll have 100,000 rows of data that require a dynamic drop-down menu and isn't successful. I don't know Scripts, so this is apparently out of reach. Strange Excel! Google Sheets Apps Script - Dynamic Drop-down data validation lists from February 15, 2018 at 7:52 a.m.; Google Sheets Apps Script: Combine multiple tabs with a master tab when the column positions do not match from February 13, 2018 to 6:58 p.m.; Google Sheets Get Distance & Time - GOOGLEMAPS Function November 23, 2017 - 7:10 pm How to make dynamic/dependent drop-down in Google Sheets We can create dynamic multi-row dependent drop-down list in Google Sheets without scripts. I'm just going to use only the built-in Google Sheets features. You can start with a Google sheet configured with a home page and drop-down source page as below screenshot shown. You can configure the first column drop-down menu through normal requests from the Validations &gt; Data menu. Home page. Drop-down source page. After that, you must configure a script named onEdit. (If you do not use that name, getActiveRange() will do nothing but return cell A1) Drop-down box and lists - Microsoft Tech Community. how can I get a drop-down list in Forms? The 'Dropdown' option in the 'more settings for question' even after For Excel, World, HTML, etc. Depending on your description, as a designer, when you click the drop-down menu, you can get the following screenshot of the option options. They are not displayed in drop-down mode because it is more convenient to edit all options in this format. This is designed for a better editing experience. Drop-down list in Microsoft Forms, Hello, I have been tasked with creating a form with a drop-down list of 3000 options. I am able to copy and paste the list of options into Microsoft Then you can use the entries as the source of your data drop-down list. If the list is not large, you can easily reference it and write the entries directly to the data validation tool. Create a list of valid entries for the drop-down list, written to a sheet in a single column or row without blank cells. Microsoft Form Drop Down List Issue, the responses from the drop-down list of an existing Excel file. Is there any way to do it? Thank you! Tags: Tags: Excel ? Forms. Tags: Excel ? Forms. Re: Can I automatically populate a drop-down list from an Excel file? I've been looking for something like this, as they have it on Google's platform. I can't believe this simple feature isn't available after all this time for a request. Html drop-down list of GoogleVulate sheets column HTML drop-down menu in Google worksheet. You want to create a selection box and put the values of column A worksheet. When you select a value from the selection box, you want Google spreadsheets - Data - Force uniqueness of a drop-down list 1 Remove selected options from the drop-down list and display the available options - select-form-control - Angular Google Script, Today a teacher asked me how I could fill out a drop-down list in your Google form from data in a spreadsheet - and have it updated as you changed the first thing you need to do is open your Google Sheets file and select the cell(s) to the one you want to use a drop-down list. Then open open Data and select the Data Validation command. From the Criteria drop-down menu, choose List of a Range or Item List. Google Data Sheets Userform, Hello Mo Moussa, I've published the application script code on my blog that will get dynamic data validation based on the values selected from the A drop-down list helps speed up input and standardize data in a Google spreadsheet. Select a cell, choose an item from the list, and continue to the next task. If you use Google Sheets in a Google html formHTML Service: Create and Serve HTML application script? Application script, there are different ways to display a Google Apps Script HTML form. You can display a form in a Google spreadsheet (from a custom menu for After you deploy the script as a web application, you can also choose to embed it on a Google site. Serves HTML as a user interface for Google Documents, Sheets, Slides, or Forms. The HTML service can display a How to get HTML form entry using the Google Apps script, Html, has a default behavior of navigating to the send link. To avoid that default behavior, you can use event.preventDefault() A form that contains properties and general items. FormApp: Allows a script to open an existing form or create a new one. FormResponse- A response to the form as a whole. GridItem: A question item, How to create a data entry form with Google HTML Service and , Application script: //Triggered when navigating to the page, serves the HTML function doGet() var template a HtmlService.createTemplateFromFile('index'); return Determines whether the form displays a link to edit a response after it is submitted. Regardless of this setting, the FormResponse.getEditResponseUrl() method allows a script author who has edit access to the form to generate a URL that can be used to edit a response. Import drop-down list into Google forms The most characteristic example is to import a drop-down list of countries into a form. There are more than 200 countries and it makes no sense to rewrite them one by one. Therefore, Google Forms allows the COPY-PASTE function. You only need a predefined list of required items. Select all of them with CTRL+A and paste them into the form using CTRL+V. Can I import questions from a Google sheet into Google forms, yes, Google Forms now allows you to import questions from your old all other questions in your list, and click the Create Form button. Step 1: To do this, open a new document and navigate to the Add-ons &gt; Get Add-ons button. Here, you will be directed to Step 2: After that, click the Add-in button and select Doc to From &gt; Create Form from Doc. Since this add-in is Step 3: Next, select the text in the Document you want to copy and paste a list. Steps to import into form using the Form Builder add-in After choosing the sheet, the Form Builder will display the entire tab name on the Choose tab, now you need to select Learn how to convert a list of items into answer options with Google Forms. learn more about Google forms, visit

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