Show Pages Based off a Drag & Drop Ranking

In this tutorial we will go over an example script for conditionally showing pages based on the option that is rated highest and/or lowest in a Drag & Drop Ranking question. These steps assume a basic familiarity with Alchemer and programming.

Check it out in an example survey!

OR

Add a survey with this setup to your account!

We will be using the following Alchemer features in this workaround:

- Drag & Drop Ranking Question
- getvalue
- hidepage

Survey Setup

Let's start with the survey setup. On the first page, we have a Drag & Drop Rank question. *This script requires that the question is set to* required *to be answered by respondents.*

On the second page, we have a Custom Script action, which we'll cover below.

Then, we created a page for each answer option in our Drag & Drop Ranking question if it is ranked most important and one for each answer option if it is ranked as least important.

We want to show only the pages that correspond to the highest ranked and lowest ranked items in the Drag & Drop Ranking question on page one. In this way, we can ask only follow-up questions about the items the respondent feels are most important and least important.

Survey and Script Setup

1. Add a **Drag & Drop Ranking** question to the first page in your survey.

2. Create a second page and add a **Custom Script** action. The script will need to be on a separate page from the Drag & Drop question, as well as the pages it is conditionally showing. On the page with the script you can either add another question, add text instructing your respondent to proceed by clicking Next, or use our autosubmit page feature.

3. Create the pages and questions that you would like to conditionally show based on the highest ranked and lowest ranked items in the Drag & Drop Question. In our example we have eight; these are: Radio Most and Least Important, Internet Most and Least Important, Newspapers Most and Least Important, and Television Most and Least Important.

4. For your Custom Script you'll need the option SKUs for each of the options in your Drag & Drop ranking question. Since we created these in order in our example survey, our option SKUs are in order starting with 10001 through 10004 (this is rarely the case in surveys that weren't built with the purpose of instruction). To learn how to get your option SKUs, check out our tutorial on How to Find IDs.

5. You'll also need the question ID of your Drag & Drop Ranking question. Question IDs are available to be displayed on the Build tab. If you don't see your question IDs, check out our Customize Survey Builder Tutorial.

6. Finally, you will need the page IDs of each of the corresponding conditional pages. Page IDs are available next to the name of each page. If you don't see Page IDs, check out our Customize Survey Builder Tutorial. Again, in our example, we created these in order so, our page IDs are in order starting with 3 through 10.

7. With your options SKUs and page ID's noted, edit your Custom Script action and paste the below script and make the following customizations:
   - Replace the page IDs (3-10 in the example script) in the HIDE PAGES portion of the script with your page IDs.
   - Replace the question ID in the GET THE ARRAY OF DRAG AND DROP RANKINGS portion of the script with your Drag & Drop question ID.
   - Replace the option SKUs ([10001]-[10004] in the example script) in the DETERMINE WHICH OPTION IS RANKED HIGHEST portion of the script with your option SKUs.
   - Replace the page IDs (3-6 in the example script) in the DETERMINE WHICH OPTION IS RANKED HIGHEST portion of the script with your page IDs.
   - If you are showing questions for the items that were ranked least important, replace the page IDs (7-10 in the example script) in the DETERMINE WHICH OPTION IS RANKED LOWEST portion of the script with your page IDs. If you do not wish to show pages based on the lowest ranked item, you can delete this entire portion of the script.
   - Finally, if you are you are showing questions for the items that were ranked least important, you'll need to change the **value** integer to match the number of options in your Drag & Drop question. Our example question has 4 options so value == 4.

     When you are finished making each of these customizations, save your Custom Script action.

8. Test to verify it is working!

```
-- SHOW PAGES BASED ON HIGHEST RANKED ON DRAG AND DROP

-- HIDE PAGES
hidepage(3,true)
hidepage(4,true)
hidepage(5,true)
hidepage(6,true)
hidepage(7,true)
hidepage(8,true)
hidepage(9,true)
hidepage(10,true)


-- GET THE ARRAY OF DRAG AND DROP RANKINGS
rankings = getvalue(2)


-- DETERMINE WHICH ONE IS RANKED HIGHEST AND SET THE PAGE IDS TO SHOW
for key,value in pairs (rankings) do
  if (value == '1') then
    if (key == 10001) then
      pageid = '3'
    end
    if (key == 10002) then
      pageid = '4'
    end
    if (key == 10003) then
      pageid = '5'
    end
    if (key == 10004) then
      pageid = '6'
    end
  end
end

-- UNHIDE THE PAGES BASED ON HIGHEST RANKED
hidepage(pageid,false)

-- DETERMINE WHICH ONE IS RANKED LOWEST AND SET THE PAGE IDS TO SHOW
for key, value in pairs (rankings) do
  if (value == '4') then
    if (key == 10001) then
      pageid = '7'
    end
    if (key == 10002) then
      pageid = '8'
    end
    if (key == 10003) then
      pageid = '9'
    end
    if (key == 10004) then
      pageid = '10'
    end
  end
end

-- UNHIDE THE PAGES BASED ON LOWEST RANKED
hidepage(pageid,false)
```

How does it work?

If you would like to know more about how the script works, in order to adapt or modify this script for your particular scenario, read on!

- In the first portion of the script we hide the conditional pages (page IDs 3-10) using the hidepage function.
- In the second portion of the script we create a variable called rankings and set it equal to the ranking values from the Drag & Drop Ranking question (question ID 2 in this case). The getvalue function for a Drag & Drop Question will pull an array that looks like: Array ([10001] => 4 [10002] => 2 [10003] => 3 [10004] => 1). Think of this array like a file cabinet where the indices or keys are like the file folders and the values are the papers in the folders.
- Next we create what is called a foreach loop which takes the rankings array and for each answer option or "key" it evaluates whether its rank or "value" is 1 and sets pageid to the page that corresponds with this answer option.
- In the final step hidepage is set to false for pageid which will show the page!

The least important works in an almost identical fashion but looks for the lowest possible value, which is the same as the number of answer option your Drag & Drop Ranking question has!

Scripting and Other Custom Solutions

We're always happy to help you debug any documented script that is used as is. That said, we do not have the resources to write scripts on demand or to debug a customized script.

If you have customization ideas that you haven't figured out how to tackle, we're happy to be a sounding board for SurveyGizmo features and functionality ideas that might meet your needs. Beyond this, check out our Professional Services; these folks have the scripting chops to help you to achieve what you are looking for!

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