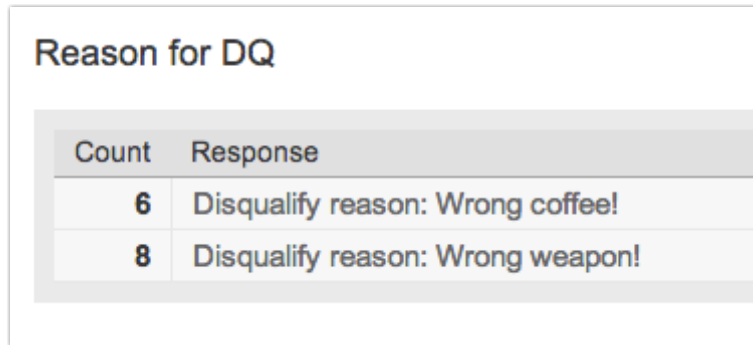


# Record Reason for Disqualification

Last Modified on 09/14/2016 4:28 p m EDT

When using disqualification in a survey often there is more than one point at which a response can be disqualified. Unfortunately, there is not a way, within our core application, to easily evaluate how frequently each disqualification point is reached. Fortunately you can accomplish this with some custom scripting!



Count	Response
6	Disqualify reason: Wrong coffee!
8	Disqualify reason: Wrong weapon!

Above is a report run on a textbox field that we created to store the reason for disqualification that was set with a script. From the results we see that 6 respondents were disqualified for choosing the wrong coffee and another 8 were disqualified for choosing the wrong weapon. Read on to learn how to set this up!

Features used in this example:

- Page Jump Logic
- Custom Script Action
- Our custom scripting function `sgapiGetQuestionRuntimeProperty`
- Our custom scripting function `sgapiSetValue`
- [PHP Foreach Loops](#)

## Survey Setup

Start by building all of your survey questions. Once you've have your survey constructed you'll need to set up each of your disqualification points.

To use this script you'll need to set up your disqualification logic using Page Jump Logic to jump to a single disqualify page.

Start by setting up the disqualify page that *follows all of your disqualification points*. In our example there is simple Text/Instruction element on the page that reads "Disqualified!" Edit the page and on the **Logic** tab select **Yes** to flag the page as a **Terminal Page**. On the page's **Page** tab select the **Response Status Override** option to **Set response status to "Disqualified."**

## Terminal Page

Yes


No

Your page should look like the following in the survey builder. (We'll come back to this page in a bit to add the script that you see here).

**Disqualified!**

ID: 6  
Type: Text / Instructions

---

 **Custom Script Action**

Why DQ?  
Custom script not set up yet...

Next, set up the **Skip/Disqualify Logic** for each of the disqualification points in your survey. To add the logic click **Skip/Disqualify Logic**. Then, set up your logic conditions and jump the response to your disqualification page.

The disqualification logic in our example looks like so:

**We have one disqualification point for the wrong weapon.**

### Logic Conditions

[Remove All Logic](#)

Q 1. What is a samurai's most important weapon? is one of the following

- Katana
- Tanto
- Coffee

[+ Add Condition](#) [+ Add Group](#)

If the Logic Passes, send the respondent to

Survey Page #

External URL

And another disqualification point for the wrong coffee.

The screenshot shows the 'Logic Conditions' configuration interface. At the top, there is a 'Remove All Logic' button. Below it, a logic condition is defined: 'Q 2. What type of coffee is the mo' is one of the fr'. The condition is set to trigger if 'Light Roast' is not selected, and 'Dark Roast' and 'Espresso Roast' are selected. There are '+ Add Condition' and '+ Add Group' buttons. Below the logic condition, it says 'If the Logic Passes, send the respondent to' and a dropdown menu is set to '3: Disqualify Target Page'.

When you are finished setting up all of your disqualification logic make note of each Exit Logic ID, pictured below. Be sure to write them down *in the order that they appear in the survey top to bottom*; this is important for the script to work properly. In our example we have 2 disqualify points which have IDs 6 and 7 in that order.

The screenshot shows a survey builder interface with two 'Skip/disqualify Action' blocks. The first block has a tooltip that says 'Right click and "inspect element" on the specific skip logic to find the element id.' The second block has a tooltip that says 'Jump to page 3 - Disqualify Target Page'. Below the survey builder, the browser's developer tools are open, showing the HTML structure. The element ID 'element-10' is highlighted in the DOM tree, and an arrow points from the tooltip to this element.

We need just one last element in the survey before we add the script. Add a question to store the disqualify reason that will be set by the script. We used a textbox question which we hid by default on the **Logic** tab. This can be on any page in your survey except your disqualified page or the thank you page. Make note of this question's ID as well for your script.

⊘ This question is hidden by default

Reason for DQ

## The Script

Return to your disqualified page and add a custom script action and paste the below script. You'll want to modify the highlighted portions of your script. If you have more than two disqualification points you can add them, comma separated as "Reason" => Exit Logic ID. As the script comments note, your reason and exit logic array items must be *in order as they appear in the survey* for the script to work properly!

```
// Array of Descriptions => IDs for Page Jump Logic Actions.  
// These must be **IN ORDER** as they appear in the survey, not ordered by ID!  
  
%%logic = array(  
  "Disqualify reason: Wrong weapon!" => 6,  
  "Disqualify reason: Wrong coffee!" => 7  
);  
  
// Provide the ID of where the message should go on the response  
  
%%reasonID = 5;  
  
//Do not modify below this line  
%%reason = "Default value: Check array!";  
  
foreach(%%logic as %%key => %%value) {  
  %%check = sgapiGetQuestionRuntimeProperty(%%value, "Rendered");  
  if(%%check == false) {  
    break;  
  }  
  %%reason = %%key;  
}  
  
sgapiSetValue(%%reasonID, %%reason);
```

## How does it work?

The script loops through each logic array item and evaluates whether that exit logic ID was rendered

using `sgapiGetQuestionRuntimeProperty`. If it was not rendered then the script does nothing. If the logic was rendered the key value for that array item, which is the reason description, is stored as `%%reason`. Then in the final step the value of `%%reasonID`, our textbox question, is set to `%%reason`!

## Test and Run a Report

Record several test responses. You'll want to be sure that you record at least one response per disqualify point. Then review your individual responses and/or run a report to ensure that your disqualify reason field is populating and reporting like it should.

If you'd like to check it out record a response here:

<http://www.surveygizmo.com/s3/1517635/record-dq-reason>

Then review the summary report for the statistics on the reason for disqualification:

<https://appv3.sgizmo.com/reportsview/?key=160589-2655419-585e8750f38c84cb0f4d0bd9b9e534b1&realtime=true>

## Scripting and Other Out-of-the-Box Customizations

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 customization. Beyond this, you might want to consult with someone on our [Programming Services Team](#); these folks might have the scripting chops to help you to achieve what you are looking for!

### Related Articles

[template("related")]