Setting Continuous Sum Max Total Value Dynamically

The Continuous Sum question is a very popular question, particularly with our market researchers. Often survey designers are looking to make sure that the continuous sum total matches another value that the respondent entered. In this tutorial, we share a script for dynamically defining the maximum total value for a continuous sum question from an answer to a previous question.

Check it out in an example survey!

OR

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Features Used to Implement Solution

We'll be using the following Alchemer features and LUA functions in this workaround:

- A Textbox, Slider, or Textbox List Question as the source question
- Continuous Sum Question
- getvalue
- isarray
- setquestionproperty
- jumptopage

The Script

This script will set the Max Total property of a continuous sum question to the value entered in a specified textbox list row, textbox, or slider.

The below script and associated Continuous Sum question must be added to a survey page after the textbox list row, textbox, or slider from which that value is pulled.

```
  --Setting the max value of a continuous sum question dynamically
  --The four variables directly below will need to be customized
sourceID = 2 -- textbox list source QID
targetID = 3 -- continuous sum target QID
next_pageID = 2 -- pageID of the next page to jump to if the respondent has input zero hrs
source_option_sku = 10002 -- option SKU for the TV hours option from textbox list

source_value = getvalue(sourceID) -- values of source textbox list question
property = 'max_total'
if(isarray(source_value)) then

    setquestionproperty(targetID, property, source_value[source_option_sku])
    if(source_value[source_option_sku] == 0) then

        jumptopage(next_pageID)

    end

else

    setquestionproperty(targetID, property, source_value)
    if((source_value == 0)) then

        jumptopage(next_pageID)

    end
end
```

Required Customizations

In the script above you will need to customize the below variables (first four variables in the above script) in order to make the script work the way you'd like.

- **sourceID** - This is the source question you wish to pull from to set the Continuous Sum question max total.
- **targetID** - The target Continuous sum question whose max total value you wish to set.
- **next_pageID** - pageID of the next page to jump to if the respondent enters zero in the source.
- **source_option_sku** - If source question is a Textbox List the option SKU for the row you wish to pull from must be specified. Not sure how to find your option SKU? Check out our How To Find IDs document! If your source is a Textbox or Slider question set `source_option_sku=0.`

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