

Intermediate Designer 2:
Rosters, Nested Rosters,
html tags, and interactive text
substitution

Overview

- Building using and nesting rosters
- Formatting Text with HTML tags
- Interactive Text Substitution

Building, using, and nesting ROSTERS

What is a roster?

Roster:

1. *A roster is list of people or things that belong in a particular group. (Merriam Webster 2016)*
- Examples of rosters common in surveys are household members, employees, parcels owned by an agricultural holding, etc.

What is a roster?

- In SuSo, rosters are defined by two parameters:
 - a number of rows (i.e. unique elements)
 - elements about which questions are asked (i.e. variables)
- “Triggers” dictate those parameters
 - At least one parameter: size
 - Often another parameter as well: content

Triggers

TRIGGER QUESTION

ROSTER



- Fixed set of items
- Number
- List
- Multi-select

Types of triggers

SECTION M: HOUSEHOLD ASSETS

CODE		1.	2.	3.	4.
		How many [ITEMS] does your household own? IF NONE, WRITE '0' (▶ NEXT ITEM)	What is the age of this [ITEM]? IF MORE THAN ONE ITEM, WRITE THE AVERAGE AGE	At what price did you buy [ITEM]? IF MORE THAN ONE, WRITE THE AVERAGE PRICE	If you wanted to sell one of this [ITEM] today, how much would you receive? IF MORE THAN ONE, WRITE THE AVERAGE VALUE
		NUMBER	YEARS	TSR	TSR
401	Radio and Radio Cassette				
402	Telephone(landline)				
403	Telephone(mobile)				
404	Refrigerator or freezer				
405	Sewing Machine				
406	Television				
407	Video / DVD				
408	Chairs				
409	Sofas				
410	Tables				
411	Watches				
412	Beds				
413	Cupboards, chest-of-drawers, boxes, wardrobes, bookcases				
414	Lanterns				
415	Computer				
416	Cooking pots, Cups, other kitchen utensils				
417	Mosquito net				
418	Iron (Charcoal or electric)				
419	Electric/gas stove				
420	Other stove				
421	Water-heater				
422	Record/cassette player, tape recorder				
423	Complete music system				
424	Books (not school books)				
425	Motor Vehicles				
426	Motorcycle				
427	Bicycle				

- Fixed set of items
- Number
- List
- Multi-select

Types of triggers

SECTION 5: No AGRICULTURAL ENTERPRISES

PART B : CHARACTERISTICS OF THE NON-AGRICULTURAL ENTERPRISES

(5.00) Write the number of enterprises owned by the household :

ID CODE OF ENTERPRISE	(5.11) Indicate the principal good and/or service produced by this enterprise.	(5.12) Activity Code	(5.13) What is the ID CODE of the principal respondent for this enterprise?	(5.14) What is the ID CODE of the owner(s) of this enterprise? (Maximum of 2)		(5.15) What is the ID CODE of the person(s) who manage(s) this enterprise? (Maximum of 2)	
	Product/Service	ACTIVITY CODE	ID CODE	Owner 1	Owner 2	Mgr 1	Mgr 2
				ID CODE	ID CODE	ID CODE	ID CODE
1							
2							
3							
4							
5							
6							

- Fixed set of items
- Number
- List
- Multi-select

How to create a roster

Skip Patterns

Do you speak any foreign languages? language

Which foreign languages do you speak? foreign_languages

Photo graph product photo

Select the respondent's gender gender

What is the respondent's age? age

Is the respondent currently pregnant? pregnancy

Select all of the following crops that are cultivated on the parcel crops

Specify other crop crops_other

ADD QUESTION

- ADD SKIP SEQUENCE
- ADD ROSTER**
- ADD STATIC TEXT
- ADD VARIABLE

PASTE

Title

Skip Patterns

SAVE CANCEL DELETE

How to create a roster

FORM 1: CHARACTERISTICS OF AGRICULTURAL HOUSEHOLD /

Roster source

Fixed set of items

Fixed set of items

List question

Multi-select question

Numeric question

0 Title

ADD ITEM

Roster variable name (?)

Enabling condition (?)

SAVE CANCEL DELETE CLONE MOVE TO

- Choose roster type

Trigger type: Fixed

Form 1: Characteristics of agricultural household

Question type: **List question** (circled in green)

Variable name (?): hh_members

Household member roster

Household Member names

Maximum number of list elements: 20

ADD INTERVIEWER INSTRUCTION

Enabling condition (?)

Validation condition (?)

Error message (?)

Form 1: Characteristics of agricultural household

Roster source: **List question** (circled in green)

Roster variable name (?): household_characteristics

Household member roster

Source question (answer determines both the number and the name of roster rows): **Household Member names** (circled in red)

Enabling condition (?)

Trigger type: Number

Form 1: Characteristics of agricultural household

Roster source: **Numeric question**

Roster variable name (?): crop_roster

Roster name: CROPS

Source question for number of rows:

Select question: **How many crops are grown in this field?** (circled in red)

Enabling condition (?)

← **TRIGGER** (red arrow pointing to the trigger question)

← **TRIGGER** (red arrow pointing to the source question)

Form 1: Characteristics of agricultural household

12 Age of farmer

12 How many crops are grown in this field? (circled in red)

← **TRIGGER** (red arrow pointing to the trigger question)

ADD QUESTION ADD SUB-SECTION ADD ROSTER ADD STATIC TEXT

SAVE CANCEL DELETE CLONE MOVE TO ↓

Trigger type: Multi-select

New Chapter

NEW CHAPTER /

Question type: Categorical: Multi-select

Variable name(?): crops

Variable Label(?): Crops grown in field

Question text: Which crops are grown in this field?

103	Maize	X
104	Rice	X
105	Sorghum	X
106	Cassava	X
107	Onion	X

ADD OPTION

SHOW STRINGS

Is linked Record answer order Max number of answers

ADD INTERVIEWER INSTRUCTION

Enabling condition (?)

Validation condition (?)

SAVE CANCEL DELETE CLONE MOVE TO ▾

Trigger type: Multi-select

New Chapter

NEW CHAPTER /

Roster source: Multi-select question

Roster variable name(?): crop_roster

Roster name: CROPS

Source question (answer determines both the number and the name of roster rows):

Select question: NEW CHAPTER Which crops are grown in this field?

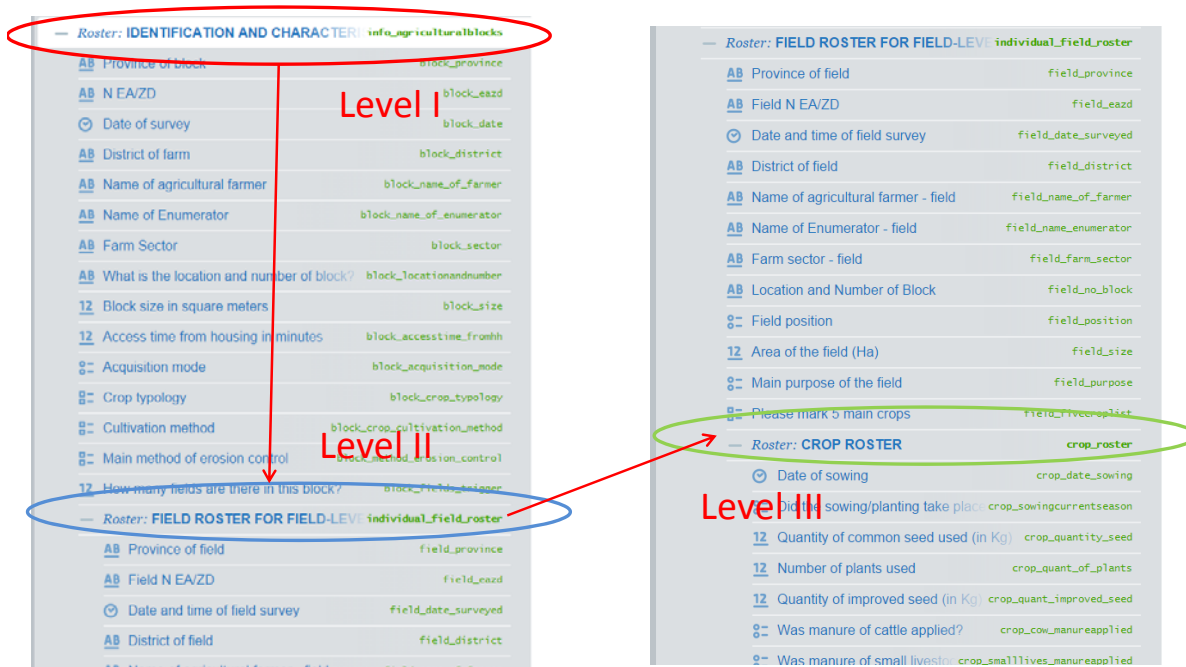
TRIGGER

SAVE CANCEL DELETE CLONE MOVE TO ▾

Nesting rosters

- Essentially, a nested roster is a roster inside a roster.
- You create a nested roster the same way you create a roster. The difference is that the trigger will come from the roster one level up.
- Example:
 - First level: **Blocks** owned by Farmer
 - Second level: **Plots** inside a **block**
 - Third level: **Crops** in **plot**

Nesting rosters



Formatting Text with HTML tags

Formatting Text with HTML

- What do you mean by formatting text?
 - Making text appear in a certain way in the Interviewer using **colors**, underline, **bold**, or *italicize* text, creating line breaks, etc.
- Why?
 - Draw enumerator attention to certain words
 - Differentiate languages
 - Make static text more readable

Formatting Text with HTML

- How?
 - Use HTML tags
- Just know 5 really useful ones:
 - **Bold**
 - *Italics*
 - Underline
 - Color
 - Line break

Formatting Text with HTML

Effect	Tag	Example in Designer	Result on Interviewer
NEED A START AND AN END, formats texts in between			
Bold	<code></code>	How tall is <code>Michael</code> ?	How tall is Michael ?
Italics	<code><i></i></code>	Where was he <code><i>born</i></code> ?	Where was he <i>born</i> ?
Underline	<code><u></u></code>	Please list <code><u>all</u></code> members in the household	Please list <u>all</u> members of the household
Color	<code></code>	What is your name? <code> Come si chiama?</code>	What is your name? Come si chiama?
NO NEED FOR START AND END, has immediate effect			
Line break	<code>
</code>	This <code>
</code> is a line break	This Is a line break.

Formatting Text with HTML

- **Syntax**

`some text`

- **Example:**

Title

```
<font color="blue">Blue</font>, <font color="green">Green</font>, <font color="red">Red</font>, and normal
```

Blue, Green, Red, and normal

Interactive Text Substitution (ITS)

def: Auto-filling answer of some question into the text of another question

Interactive Text Substitution

- What is it?
 - Used to fill the answer of some question into question text, or static text.
 - EXAMPLE: How old is **Michael**?
 - “**Michael**” is a name that appears in the household roster.
- How it works
 - Enclose the variable name that you want to substitute in “%” signs in the designer.
 - If answer to be used for substitution is in a roster use **%rostartitle%**, if it’s in a normal variable use **%insertvariablename%**.
 - EXAMPLE: How old is **%rostartitle%**.
 - “**%rostartitle%**” is where the name “Michael” is contained.

Interactive Text Substitution

In this example, we want to answer to the address of the dwelling question to appear in the question text asking for its description.

The image displays two side-by-side screenshots of a survey designer interface, illustrating the process of interactive text substitution. Both screenshots show a question configuration for a survey titled "A SAMPLE SURVEY".

Left Screenshot:

- Question type:** AB Text
- Variable name (?):** address
- Variable label (?):** Address
- Question text:** Enter of address of dwelling
- Pattern (?):** (empty)
- Enabling condition (?):** (empty)
- Hide if disabled (?):** (empty)

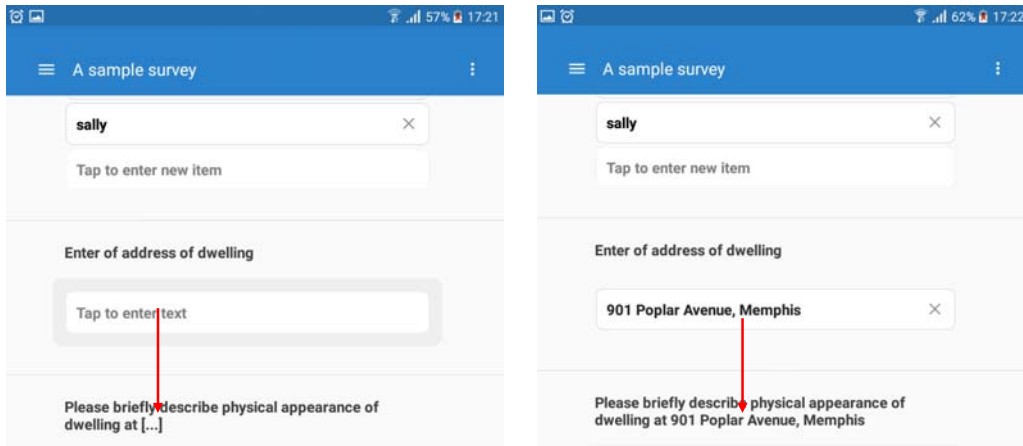
Right Screenshot:

- Question type:** AB Text
- Variable name (?):** description_dwelling
- Variable label (?):** (empty)
- Question text:** Please briefly describe physical appearance of dwelling at %address%
- Pattern (?):** (empty)
- Enabling condition (?):** (empty)
- Hide if disabled (?):** (empty)

A red arrow points from the "address" variable name in the left configuration to the "%address%" placeholder in the question text of the right configuration, demonstrating how the answer to the first question is substituted into the text of the second question.

Interactive Text Substitution

On the Interviewer, once the answer to *address* is entered, it will appear in the question text of *description*.



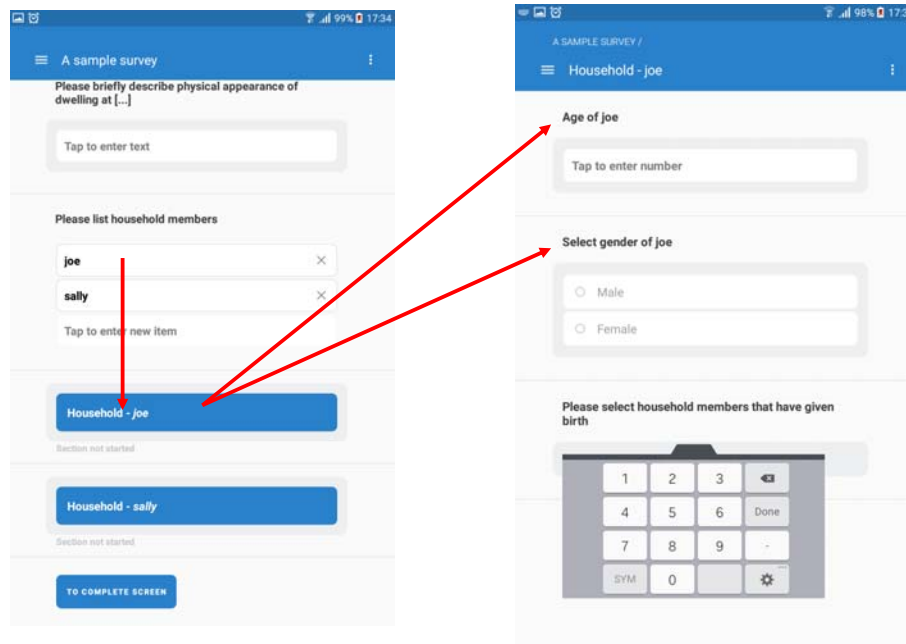
Interactive Text Substitution

- Household roster whose trigger is a list question.
- Use %rostertitle% to insert names of HH members from roster.

The image shows two screenshots of a survey configuration interface. The top screenshot is titled 'A SAMPLE SURVEY /' and shows 'Roster source' set to 'List question' and 'Roster ID (?)' set to 'hh_roster'. Below this, 'Roster name' is set to 'Household'. A 'Source question (answer determines both the number and the name of roster rows):' dropdown is set to 'Please list household members (hh)'. The bottom screenshot is titled 'A SAMPLE SURVEY / HOUSEHOLD /' and shows 'Question type' set to '12 Numeric' and 'Variable name (?)' set to 'age'. Below this, 'Variable label (?)' is empty. The 'Question text' field contains 'Age of %rostertitle%' with a red box around the placeholder. At the bottom, the question type is set to 'Integer'.

Interactive Text Substitution

For roster, row items can be substitute into question text.



Questions?