Intermediate Designer 2:
Rosters, Nested Rosters, html tags, and piping

Overview

- Basic Rosters

- Nested Rosters

- Formatting Text with HTML tags

- Piping

Learning Objectives

- Know how to build a roster
- Know about nesting rosters
- Know about html tags
- Know about piping

Building, using, and nesting ROSTERS

What is a roster?

- 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

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KEY CONCEPT AHEAD!

Triggers

TRIGGER QUESTION   **ROSTER**

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

Types of triggers

SECTION M: HOUSEHOLD ASSETS

CODE		1. How many [ITEMS] does your household own? IF NONE, WRITE '0' (►NEXT ITEM)	2. What is the age of this [ITEM]? IF MORE THAN ONE ITEM, WRITE THE AVERAGE AGE	3. At what price did you buy [ITEM]? IF MORE THAN ONE, WRITE THE AVERAGE PRICE	4. 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	TSH	TSH
401	Radio and Radio Cassette				
402	Telephone(landline)				
403	Telephone(mobile)				
404	Refridgerator 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 utencils		/////	/////	/////
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)	
		ACTIVITY CODE		**Owner 1**	**Owner 2**	**Mgr 1**	**Mgr 2**
	Product/Service		**ID CODE**	**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

How to create a roster

- Choose roster type

Trigger type: Fixed

Trigger type: Number

Trigger type: Multi-select

Trigger type: Multi-select

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

- A few words about how to construct HTML tags
- Specific ones for text formatting
  - **Bold**
  - *Italics*
  - Underline
  - Color
  - Linebreaks

HTML tags

- 2 types:
  - Pairs: There's a start and end indicating where you want the text modified.
    - \<tag> Some text \</tag> "/" always tells us to stop!
  - Empty: Has an immediate effect on where it occurs
    - \<tag>
- Why useful in CAPI?
  - It's used to draw enumerator attention to certain things, or could draw attention to different languages.
  - We use simple ones.

Basic tags for formatting

Effect	Tag	Example	Result
Bold		How tall is Michael?	How tall is **Michael**?
Italics	<i></i>	Where was he <i>born</i>?	Where was he *born*?
Underscore	<u></u>	Please list <u>all</u> members in the household	Please list <u>all</u> members of the household

Text color

- **Syntax**

  some text

- **Example:**

Title

Blue, Green, Red, and normal

Blue, Green, Red, and normal

Empty tags: line break

- Line break:
- Common use cases: the only way to introduce a blank line in question text

Example 1: Interviewer instructions

404. What is the area of this parcel fff?

ENUMERATOR: Ask the farmer to estimate the area in **acres**.

Example 2: Specify units

5a. How much Rice (paddy) came from purchases during the past 7 days?

QUANTITY

Title

404. What is the area of this parcel %a402r%?

ENUMERATOR: Ask the farmer to estimate the area in acres.

Title

5a. How much %rostertitle% came from purchases during the past 7 days?

QUANTITY

Piping

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

Piping: What and How?

- ## What is it?
  - Makes data appear in a question which can help make the interview flow better.
  - EXAMPLE: How old is **Michael**?
    - "**Michael**" is a name that appears in the household roster.

- ## How it works
  - Surround the element that you want to pipe in "%"in the designer.
  - EXAMPLE: How old is **%rostertitle%.**
    - "**%rostertitle%**" is where the name "Michael" is contained.

Piping

Questions?