

Exercise for Functional Task 2: Describing a Questionnaire

Overview:

This exercise is intended to make you familiar with the way in which DDI refers to the different parts of a questionnaire. This is a pen-and-paper exercise, similar to the analysis you need to perform when marking up a questionnaire in DDI.

Scenario:

You are working at Flinders University of South Australia Centre for Aging Studies, and you have decided to capture the questionnaire for the Australian Longitudinal Study on Aging in a DDI form. In order to correctly enter the metadata into your systems, you first need to analyze the questionnaire.

Note:

There is a complete DDI 3.2 XML documentation for this exercise.

Step 1:

Take the printed questionnaire document for ALSA Wave 6 (see [Codebook_Exercise_2.pdf](#) for the electronic version), and scan through it. Familiarize yourself with the contents. You will be working on the first ten questions (also found at the end of this document).

Step 2:

Go through the first questions and identify the question text.

Step 3:

Go through each question again, and identify the response domain type of each question.

Step 4:

Identify any Statements appearing in the section of the questionnaire.

Step 5:

Identify any Interviewer Instructions appearing in this section of the questionnaire.

Step 6:

For each coded response domain, indicate which DDI constructs will be needed to completely describe the codes, categories, and schemes.

Step 7:

On a separate sheet of paper, draw a box-and arrow diagram of the flow logic found in the first ten questions. It is conventional to use rectangles for Question Constructs and Statement Items, and to depict conditional logic as diamonds. Interviewer instructions should be depicted as rectangular boxes, associated with one of the Control Constructs (not using an arrow, just a straight line – only Control Constructs are connected with arrows).

Step 8:

Using the Exercise_Task_1_Template.xml enter the information needed to describe the first 10 questions. Note that you are entering the information within a resource package. The schemes you will need are provided as well as templates for the items needed within the schemes. Copy and paste in the number of objects of each type you will need.

Please note:

- You will need to replace the “ID” in the provided URN’s with a unique identifier
- For references you will need to enter the appropriate TypeOfObject (a placeholder was provided in the template so that it would validate)
- You may wish to provide additional detail to an object (use your own discretion)

Hints:

- Complete objects in the order that they would be developed. For example,
 - Category
 - CodeList
 - Instruction
 - Question types
 - QuestionConstruct
 - StatementItem
 - IfThenElse
 - Loop
 - Sequence

You will be building on this instance in future exercises. You may wish to share the entry work so that you complete the set of ten questions.

The Australian Longitudinal Study of Ageing Wave 6 Household Questionnaire

- | | | |
|------|---|------------------------|
| 1. | Sequence Number | SEQNUM |
| 2. | Date of interview | DATEW6 |
| 3. | Household Demographics (interviewer to answer questions 3 to 8.)
Type of domicile?
(INTERVIEWER- If institution, go to next question. If community living go to question 6.) | DOMICW6 |
| | Community living 1
Institution 2 | |
| 4. | Identify type of institution | INSTW6 |
| | Private rest home 1
Hostel 2
Nursing home 3
Mental institution 4
Boarding house 5
Other (specify below) 6 | |
| 5. | Please specify other institution | OTHINSW6 |
| 6. | Identify type of community living | COMMUNW6 |
| | House 1
Home unit or flat 2
Granny flat with own kitchen 3
Granny flat without kitchen 4
Non-self contained unit 5
Bed sitter room 6
Other (specify below) 7 | |
| 7. | Please specify other community living | COMTYPW6 |
| 8. | Is this independent or group housing? | TYPACCW6 |
| | Independent 1
Group housing 2
Retirement village 3
Other 4 | |
| 9. | How many people usually live here with you?
(INTERVIEWER –If one or more persons, complete below.) | HOWMANW6 |
| | I would like to ask you for a few details about each of these people | |
| 10.1 | What is their name? | NAME1W6 –
NAME5W6 |
| 10.2 | What is their relationship to you? | RELAT1W6 –
RELAT5W6 |
| | Spouse 1
Son 2
Daughter 3
Son-in-law 4
Daughter-in-law 5
Grandchild 6
Parent 7
Parent-in-law 8
Brother or sister 9
Brother or sister-in-law 10
Nephew or niece 11
Cousin 12
Uncle or aunt 13
Great grandchild 14
Other relative 15
Friend 16
Boarder or lodger 17
Other 18 | |
| 10.3 | What was their age last birthday? | THAGE1W6 –
THAGE5W6 |
| 10.4 | What is their sex? | THSEX1W6 –
THSEX5W6 |
| | Male 1
Female 2 | |