

Questions – Item, Grid, and Block

As the complexity of question structures increase, three general question structures have been identified within DDI and are addressed by the following structures: QuestionItem, QuestionGrid, and QuestionBlock. Note that all three structures reflect the reusable structure of various question types and do not relay any information on the applied use of the question within an instrument. The applied information, including question order, is captured by the ControlConstruct structures used by the Instrument. All question structures are maintained within a QuestionScheme and can be further organized for administrative purposes by QuestionGroup (a standard grouping structure available in most schemes). Only QuestionItem, QuestionGrid, and QuestionBlock may be referenced by a QuestionConstruct. A Sequence (type of ControlConstruct) is used to order questions within an instrument and is maintained separately as a reusable object. All question structures are versionable and contain a name for the question.

QuestionItem

A QuestionItem is a basic question containing a QuestionIntent, the concept being measured by the question, text for the question, response domain information, clarifying instructions, external aids (clarifying objects used in presenting the question to the respondent), Input and Output Parameters and Bindings, allowed response cardinality and an estimation of the time required to respond. The QuestionText is a DynamicTextString. Note that due to the variation of content in the QuestionText that is required to illicit equivalent responses in different languages, QuestionText is repeatable. A StructuredMixedResponseDomain supports situations where a response may include more than one type of response domain. The most common is where a text response is requested when the code or category response is “Other”. StructuredMixedResponse allows for the addition of text and/or another response domain to be attached to one or more values of the primary response domain.

QuestionItem

```
Extension base: Versionable
QuestionItemName (0..n)
r:InParameter (0..n)
r:OutParameter (0..n)
r:Binding (0..n)
QuestionText (0..n)
QuestionIntent (0..1)
CHOICE (0..1)
    ResponseDomain
    StructuredMixedResponseDomain
        CHOICE (2..n)
            ResponseText
            ResponseDomainInMixed
                ResponseDomain (1..1)
                AttachementLocation (0..1)
                CHOICE (1..n)
                    r:CodeReference
```

```

                                r:CategoryReference
                                DomainSpecificValue
                                r:DelineationReference    (1..1)
                                r:Value                    (1..n)
                                ENDCHOICE
                                ENDCHOICE
                                ResponseCardinality        (0..1)
                                    @minimumResponses
                                    @MzximumResponses
                                r:ConceptReference          (0..n)
                                ExternalAid                 (0..n)
                                CHOICE                      (0..n)
                                    ExternalInterviewerInstruction
                                    InterviewerInstructionReference
                                ENDCHOICE
                                @estimatedMinutesResponseTime (optional)

```

The generic example at the end of this section contains a standard simple QuestionItem. The following is an example of a StructuredMixedResponseDomain.

QuestionGrid

A QuestionGrid provides a multidimensional structure used to capture a complex response. In many cases these are simple structures, for example a question regarding an assessment of each of a list of candidates for political office. However, some grids are complex and capture different responses for each of a list of items. In addition, the list may be provided by the question or by the respondent (indicated by the use of a “roster” of blank text items). A QuestionGrid contains the basic elements of the QuestionItem but rather than a ResponseDomain or StructuredMixedResponseDomain contains a GridDimension that sorts one or more ResponseDomains or StructuredMixedGridResponseDomains into a specific dimension of the grid. The structure is similar to the NCube dimensional structure using code domain or roster rather than variables to structure the dimension, and then providing a response domain for each cell in the grid. A single ResponseDomain indicates that this is the response domain for each cell in the grid. Note that an internal cell label may be added to any cell for clarification purposes.

```

QuestionGrid
    Extension base: Versionable
    QuestionGridName                (0..n)
    r:InParameter                   (0..n)
    r:OutParamter                   (0..n)
    r:Binding                       (0..n)
    QuestionText                    (0..n)
    QuestionIntent                   (0..1)
    GridDimension                   (0..n)
        CHOICE                      (1..1)
            CodeDomain
            Roster

```

```

        r:Label (0..1)
        ConditionForContinuation (0..1)
        @baseCodeValue (required)
        @codeInterationValue (required)
        @minimumRequired default="1"
        @maximumAllowed default="1"
    ENDCHOICE
    @rank (required)
    @displayCode default="true"
    @displayLabel default="true"
CHOICE
    ResponseDomain
    StructuredMixedGridResponseDomain
        CHOICE (0..n)
            GridResponseDomain
            ResponseDomain (1..1)
            Attachement (0..n)
            CHOICE (0..n)
                SpecificCellCoordinate
                CellCoordinatesAsDefined
                SelectDimension (0..n)
                @rank (required)
                @allValues
                @specificValue
                @rangeMinimum
                @rangeMaximum
            ENDCHOICE
            @allCells default="false"
        NoDataByDefinition
    ENDCHOICE
    ResponseDomain (1..1)
    AttachementLocation (0..1)
    CHOICE (1..n)
        r:CodeReference
        r:CategoryReference
        DomainSpecificValue
        r:DelineationReference (1..1)
        r:Value (1..n)
    ENDCHOICE
ENDCHOICE
CellLabel (0..n)
    Extension base: r:LabelType
    Attachement (0..n)
    CHOICE (0..n)
        SpecificCellCoordinate
        CellCoordinatesAsDefined
        SelectDimension (0..n)
        @rank (required)
        @allValues
        @specificValue
        @rangeMinimum
        @rangeMaximum

```

```

        ENDCHOICE
        @allCells                                default="false"
r:ConceptReference                             (0..n)
ExternalAid                                    (0..n)
CHOICE                                         (0..n)
    ExternalInterviewerInstruction
    InterviewerInstructionReference
ENDCHOICE
@estimatedMinutesResponseTime                 (optional)

```

QuestionBlock

A QuestionBlock is intended to bundle together a set of questions (items and/or grids) that have meaning only in relation to a specified object expressed as the evaluation material. This form of question set is common in educational testing where a text, image, or other material is provided and the respondent is asked questions specific to the material. For example, a portion of a play script is provided and the respondent is asked question concerning the dialog and/or stage directions provided in the script. Note that the intent of QuestionBlock is NOT to bundle together a set of questions that are commonly used together or used in a specified order. A Sequence (type of control construct) is the appropriate way to manage this type of set relationship. The 0..n cardinality of EvaluationMaterial is provided simply to support the use of DDI during the development process when this piece of information may be unavailable.

QuestionBlock contains the standard elements of QuestionItem and QuestionGrid and then structures any combination of EvaluationMaterial with referenced QuestionItems and QuestionGrids. It allows for an indication of QuestionSequence (i.e., a means of declaring the sequence is important or that it can be randomized or otherwise altered).

QuestionBlock

```

Extension base: Versionable
QuestionBlockName                             (0..n)
r:InParameter                                 (0..n)
r:OutParameter                                (0..n)
r:Binding                                     (0..n)
QuestionBlockIntent                           (0..1)
CHOICE                                         (0..n)
    EvaluationMaterial
    QuestionItemReference
    QuestionGridReference
ENDCHOICE
QuestionSequence                             (0..n)
ResponseCardinality                           (0..1)
    @minimumResponses
    @MaximumResponses
r:ConceptReference                             (0..n)
ExternalAid                                    (0..n)
CHOICE                                         (0..n)
    ExternalInterviewerInstruction

```

InterviewerInstructionReference
ENDCHOICE
@estimatedMinutesResponseTime (optional)

The following example shows QuestionScheme within a Resource Package containing a number of QuestionItems and a QuestionGrid combined to form a QuestionBlock. The example reflects the contents of a question block from PISA (educational test: TAKE THE TEST: SAMPLE QUESTIONS FROM OECD'S PISA ASSESSMENTS - ISBN 978-92-64-05080-8 - © OECD 2009) depicting an extract from a script, a list of technical terms, and a drawing of a stage set along with questions related to the activities and positions of actors during the play. The related category, code and delineation information is provided for clarity.

EXAMPLE:

```
<g:ResourcePackage isMaintainable="true" versionDate="2012-09-18"
scopeOfUniqueness="Maintainable">
  <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
  <r:URN>urn:ddi:us.mpc:ResourcePkg_QBlock:1</r:URN>
  <d:QuestionScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_QS:1</r:URN>
    <d:QuestionSchemeName><r:String xml:lang="en-us">Questions for
PISA</r:String></d:QuestionSchemeName>
    <r:Description><r:Content xml:lang="en-
us"></r:Content></r:Description>
    <d:QuestionItem isVersionable="true"
scopeOfUniqueness="Maintainable">
      <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
      <r:URN>urn:ddi:us.mpc:PISA_QS.QI_1:1</r:URN>
      <d:QuestionText><d:LiteralText><d:Text>What is the extract
from the play about? The duchess thinks of a
trick</d:Text></d:LiteralText></d:QuestionText>
      <d:CodeDomain>
        <r:CodeDelineationReference>
          <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
          <r:TypeOfObject>CodeDelineation</r:TypeOfObject>
          <r:URN>urn:ddi:us.mpc:CodeDS_PISA.Del_1:1</r:URN>
        </r:CodeDelineationReference>
      </d:CodeDomain>
    </d:QuestionItem>
    <d:QuestionItem isVersionable="true"
scopeOfUniqueness="Maintainable">
      <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
      <r:URN>urn:ddi:us.mpc:PISA_QS.QI_2:1</r:URN>
      <d:QuestionText><d:LiteralText><d:Text><xhtml:div><xhtml:p>A.
In the script of the play, in addition to the words to be spoken by
the actors, there are directions for the actors and theatre
technicians to follow.</xhtml:p><xhtml:p>B. How can these directions
be recognized in the
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script?</xhtml:p></xhtml:div></d:Text></d:LiteralText></d:QuestionText
>
    <d:TextDomain>
        <r:TextDelineationReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>TextDelineation</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:TextDS_PISA.Del_1:1</r:URN>
        </r:TextDelineationReference>
    </d:TextDomain>
</d:QuestionItem>
<d:QuestionItem isVersionable="true"
scopeOfUniqueness="Maintainable">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_QS.QI_3:1</r:URN>
    <d:QuestionText><d:LiteralText><d:Text><xhtml:div><xhtml:p>The
director positions the actors on the stage. On a diagram, the director
represents Amanda with the letter A and the Duchess with the letter
D.</xhtml:p><xhtml:p>Put an A and a D on the following diagram of the
set to show approximately where Amanda and the Duchess are when the
Prince
arrives.</xhtml:p></xhtml:div></d:Text></d:LiteralText></d:QuestionTex
t>
        <d:LocationDomain>
            <r:LocationDelineationReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>LocationDelineation</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:LocationDS_PISA.Del_1:1</r:URN>
            </r:LocationDelineationReference>
        </d:LocationDomain>
        <d:ExternalAid isIdentifiable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_QS.EXT_1:1</r:URN>
            <r:TypeOfMaterial>Image</r:TypeOfMaterial>

            <r:ExternalURNReference>stageimage.pdf</r:ExternalURNReference>
        </d:ExternalAid>
    </d:QuestionItem>
    <d:QuestionItem isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_QS.QI_4:1</r:URN>
        <d:QuestionText><d:LiteralText><d:Text>Towards the end of the
extract from the play, Amanda says, "He didn't recognise me...". What
does she mean by that?</d:Text></d:LiteralText></d:QuestionText>
        <d:CodeDomain>
            <r:CodeDelineationReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>CodeDelineation</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:CodeDS_PISA.Del_3:1</r:URN>
            </r:CodeDelineationReference>
        </d:CodeDomain>

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    </d:QuestionItem>
    <d:QuestionGrid isVersionable="true"
scopeOfUniqueness="Maintainable">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_QS.QG_1:1</r:URN>
    <d:QuestionText><d:LiteralText><d:Text>The table below lists
theatre technicians involved in staging this extract from Léocadia.
Complete the table by indicating one stage direction from Text 1 which
would require the involvement of each technician. The first one has
been done for you.</d:Text></d:LiteralText></d:QuestionText>
    <d:GridDimension rank="1" displayCode="false"
displayLabel="true">
    <d:CodeDomain>
    <r:CodeDelineationReference>
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:TypeOfObject>CodeDelineation</r:TypeOfObject>
    <r:URN>urn:ddi:us.mpc:CodeDS_PISA.Del_2:1</r:URN>
    </r:CodeDelineationReference>
    </d:CodeDomain>
    </d:GridDimension>
    <d:GridDimension rank="2">
    <d:Roster baseCodeValue="1" minimumRequired="1"
maximumAllowed="1" codeIterationValue="1">
    <r:Label><r:Content xml:lang="en-us">Stage
direction</r:Content></r:Label>
    </d:Roster>
    </d:GridDimension>
    <d:StructuredMixedGridResponseDomain>
    <d:NoDataByDefinition>
    </d:NoDataByDefinition>
    <d:GridResponseDomain>
    <d:TextDomain>
    <r:TextDelineationReference>
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:TypeOfObject>TextDelineation</r:TypeOfObject>
    <r:URN>urn:ddi:us.mpc:TextDS_PISA.Del_1:1</r:URN>
    </r:TextDelineationReference>
    </d:TextDomain>
    <d:Attachment>
    <d:CellCoordinatesAsDefined>
    <d>SelectDimension rank="1" rangeMinimum="2"
rangeMaximum="4"/>
    <d>SelectDimension rank="2" allValues="true"/>
    </d:CellCoordinatesAsDefined>
    </d:Attachment>
    </d:GridResponseDomain>
    </d:StructuredMixedGridResponseDomain>
    <d:CellLabel>
    <r:Content xml:lang="en-us">A circular bench around a small
obelisk</r:Content>
    <d:Attachment>
    <d:SpecificCellCoordinate>1,1</d:SpecificCellCoordinate>

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        </d:Attachment>
    </d:CellLabel>
</d:QuestionGrid>
    <d:QuestionBlock isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_QS.QB_1:1</r:URN>
        <d:EvaluationMaterial isIdentifiable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_QS.Eval_1:1</r:URN>
            <r:TypeOfMaterial>Image</r:TypeOfMaterial>

            <r:ExternalURNReference>ScriptText1.pdf</r:ExternalURNReference>
        </d:EvaluationMaterial>
        <d:EvaluationMaterial isIdentifiable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_QS.Eval_2:1</r:URN>
            <r:TypeOfMaterial>Image</r:TypeOfMaterial>

            <r:ExternalURNReference>ScriptText2.pdf</r:ExternalURNReference>
        </d:EvaluationMaterial>
        <d:QuestionItemReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>QuestionItem</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:PISA_QS.QI_1:1</r:URN>
        </d:QuestionItemReference>
        <d:QuestionItemReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>QuestionItem</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:PISA_QS.QI_2:1</r:URN>
        </d:QuestionItemReference>
        <d:QuestionItemReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>QuestionItem</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:PISA_QS.QG_1:1</r:URN>
        </d:QuestionItemReference>
        <d:QuestionItemReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>QuestionItem</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:PISA_QS.QI_3:1</r:URN>
        </d:QuestionItemReference>
        <d:QuestionItemReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>QuestionItem</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:PISA_QS.QI_4:1</r:URN>
        </d:QuestionItemReference>
    </d:QuestionBlock>
</d:QuestionScheme>
    <l:CategoryScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">

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    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:CS_PISA_1:1</r:URN>
    <l:CategorySchemeName><r:String xml:lang="en-
us">Trick</r:String></l:CategorySchemeName>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_1:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Attract
Prince</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">to get the Prince to
come and see her more often.</r:Content></r:Label>
        </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_2:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Prince
Decision</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">to get the Prince to
make up his mind finally to get married</r:Content></r:Label>
        </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_3:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Amanda
Influence</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">to get Amanda to
make the Prince forget his grief.</r:Content></r:Label>
        </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_4:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Amanda move to
castle</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">to get Amanda to
come and live at the castle with her.</r:Content></r:Label>
        </l:Category>
    </l:CategoryScheme>
    <l:CategoryScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2:1</r:URN>
        <l:CategorySchemeName><r:String xml:lang="en-us">Theatre
technicians</r:String></l:CategorySchemeName>
        <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_1:1</r:URN>

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        <l:CategoryName><r:String xml:lang="en-us">Set
designer</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">Set
designer</r:Content></r:Label>
    </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_2:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Props
manager</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">Props
manager</r:Content></r:Label>
    </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_3:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Sound
technician</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">Sound
technician</r:Content></r:Label>
    </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_4:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Lighting
technician</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">Lighting
technician</r:Content></r:Label>
    </l:Category>
</l:CategoryScheme>
<l:CategoryScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:CS_PISA_3:1</r:URN>
    <l:CategorySchemeName><r:String xml:lang="en-us">Amanda
intent</r:String></l:CategorySchemeName>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_1:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Didn't
look</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">That the Prince
didn't look at Amanda.</r:Content></r:Label>
    </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_2:1</r:URN>

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```

        <l:CategoryName><r:String xml:lang="en-us">Didn't recognize
status</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">That the Prince
didn't realise that Amanda was a shop assistant.</r:Content></r:Label>
    </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_3:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Didn't recognize
past meeting</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">That the Prince
didn't realise that he'd already met Amanda.</r:Content></r:Label>
    </l:Category>
    <l:Category isVersionable="true"
scopeOfUniqueness="Maintainable">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_4:1</r:URN>
        <l:CategoryName><r:String xml:lang="en-us">Didn't see
resemblance</r:String></l:CategoryName>
        <r:Label><r:Content xml:lang="en-us">That the Prince
didn't notice that Amanda looked like Léocadia.</r:Content></r:Label>
    </l:Category>
</l:CategoryScheme>
<l:CodeListScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:CodeS_QBlock:1</r:URN>
    <l:CodeListSchemeName><r:String xml:lang="en-us">Code Lists for
PISA</r:String></l:CodeListSchemeName>
    <l:CodeList scopeOfUniqueness="Maintainable"
isMaintainable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_CL_1:1</r:URN>
        <r:RecommendedDataType>Character</r:RecommendedDataType>
        <r:CategorySchemeReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>CategoryScheme</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:CS_PISA_1:1</r:URN>
        </r:CategorySchemeReference>
        <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_CL_1.C_1:1</r:URN>
            <l:CategoryReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>Category</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_1:1</r:URN>
            </l:CategoryReference>
            <r:Value>A</r:Value>
        </l:Code>
    </l:CodeList>
</l:CodeListScheme>

```

```

        <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_CL_1.C_2:1</r:URN>
            <l:CategoryReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>Category</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_2:1</r:URN>
            </l:CategoryReference>
            <r:Value>B</r:Value>
        </l:Code>
        <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_CL_1.C_3:1</r:URN>
            <l:CategoryReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>Category</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_3:1</r:URN>
            </l:CategoryReference>
            <r:Value>C</r:Value>
        </l:Code>
        <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_CL_1.C_4:1</r:URN>
            <l:CategoryReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>Category</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:CS_PISA_1.Cat_4:1</r:URN>
            </l:CategoryReference>
            <r:Value>D</r:Value>
        </l:Code>
    </l:CodeList>
    <l:CodeList scopeOfUniqueness="Maintainable"
isMaintainable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_CL_2:1</r:URN>
        <r:Label><r:Content xml:lang="en-us">Theatre
technicians</r:Content></r:Label>
        <r:RecommendedDataType>Integer</r:RecommendedDataType>
        <r:CategorySchemeReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>CategoryScheme</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:CS_PISA_2:1</r:URN>
        </r:CategorySchemeReference>
        <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:PISA_CL_2.C_1:1</r:URN>
            <l:CategoryReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>

```

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        <r:TypeOfObject>Category</r:TypeOfObject>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_1:1</r:URN>
    </l:CategoryReference>
    <r:Value>1</r:Value>
</l:Code>
<l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_CL_2.C_2:1</r:URN>
    <l:CategoryReference>
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:TypeOfObject>Category</r:TypeOfObject>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_2:1</r:URN>
    </l:CategoryReference>
    <r:Value>2</r:Value>
</l:Code>
<l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_CL_2.C_3:1</r:URN>
    <l:CategoryReference>
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:TypeOfObject>Category</r:TypeOfObject>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_3:1</r:URN>
    </l:CategoryReference>
    <r:Value>3</r:Value>
</l:Code>
<l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_CL_2.C_4:1</r:URN>
    <l:CategoryReference>
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:TypeOfObject>Category</r:TypeOfObject>
        <r:URN>urn:ddi:us.mpc:CS_PISA_2.Cat_4:1</r:URN>
    </l:CategoryReference>
    <r:Value>4</r:Value>
</l:Code>
</l:CodeList>
<l:CodeList scopeOfUniqueness="Maintainable"
isMaintainable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:PISA_CL_3:1</r:URN>
    <r:RecommendedDataType>Character</r:RecommendedDataType>
    <r:CategorySchemeReference>
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:TypeOfObject>CategoryScheme</r:TypeOfObject>
        <r:URN>urn:ddi:us.mpc:CS_PISA_3:1</r:URN>
    </r:CategorySchemeReference>
    <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>

```

```

        <r:URN>urn:ddi:us.mpc:PISA_CL_3.C_1:1</r:URN>
        <l:CategoryReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>Category</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_1:1</r:URN>
        </l:CategoryReference>
        <r:Value>A</r:Value>
    </l:Code>
    <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_CL_3.C_2:1</r:URN>
        <l:CategoryReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>Category</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_2:1</r:URN>
        </l:CategoryReference>
        <r:Value>B</r:Value>
    </l:Code>
    <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_CL_3.C_3:1</r:URN>
        <l:CategoryReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>Category</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_3:1</r:URN>
        </l:CategoryReference>
        <r:Value>C</r:Value>
    </l:Code>
    <l:Code isDiscrete="true" scopeOfUniqueness="Maintainable"
isIdentifiable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:PISA_CL_3.C_4:1</r:URN>
        <l:CategoryReference>
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:TypeOfObject>Category</r:TypeOfObject>
            <r:URN>urn:ddi:us.mpc:CS_PISA_3.Cat_4:1</r:URN>
        </l:CategoryReference>
        <r:Value>D</r:Value>
    </l:Code>
</l:CodeList>
</l:CodeListScheme>
<r:TextDelineationScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:TextDS_PISA:1</r:URN>
    <r:TextDelineationSchemeName><r:String xml:lang="en-us">PISA Text
Delineations</r:String></r:TextDelineationSchemeName>
    <r:TextDelineation isVersionable="true"
scopeOfUniqueness="Maintainable" maxLength="250">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>

```

```

        <r:URN>urn:ddi:us.mpc:TextDS_PISA.Del_1:1</r:URN>
        <r:TextDelineationName><r:String xml:lang="en-us">0 min to 250
max length response.</r:String></r:TextDelineationName>
    </r:TextDelineation>
</r:TextDelineationScheme>
    <r:CodeDelineationScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:CodeDS_PISA:1</r:URN>
        <r:CodeDelineationSchemeName><r:String xml:lang="en-us">PISA Code
Delineations</r:String></r:CodeDelineationSchemeName>
        <r:CodeDelineation isVersionable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:CodeDS_PISA.Del_1:1</r:URN>
            <r:CodeDelineationName><r:String xml:lang="en-us">Trick
List</r:String></r:CodeDelineationName>
            <r:CodeListReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>CodeList</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:PISA_CL_1:1</r:URN>
            </r:CodeListReference>
        </r:CodeDelineation>
        <r:CodeDelineation isVersionable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:CodeDS_PISA.Del_2:1</r:URN>
            <r:CodeDelineationName><r:String xml:lang="en-us">Theatre
Technicians</r:String></r:CodeDelineationName>
            <r:CodeListReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>CodeList</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:PISA_CL_2:1</r:URN>
            </r:CodeListReference>
        </r:CodeDelineation>
        <r:CodeDelineation isVersionable="true"
scopeOfUniqueness="Maintainable">
            <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
            <r:URN>urn:ddi:us.mpc:CodeDS_PISA.Del_3:1</r:URN>
            <r:CodeDelineationName><r:String xml:lang="en-us">Amanda
Intent</r:String></r:CodeDelineationName>
            <r:CodeListReference>
                <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
                <r:TypeOfObject>CodeList</r:TypeOfObject>
                <r:URN>urn:ddi:us.mpc:PISA_CL_3:1</r:URN>
            </r:CodeListReference>
        </r:CodeDelineation>
    </r:CodeDelineationScheme>
    <r:LocationDelineationScheme scopeOfUniqueness="Maintainable"
isMaintainable="true">
        <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
        <r:URN>urn:ddi:us.mpc:LocationDS_PISA:1</r:URN>

```

```

    <r:LocationDelineationSchemeName><r:String xml:lang="en-us">PISA
Location Delineations</r:String></r:LocationDelineationSchemeName>
    <r:LocationDelineation isVersionable="true"
scopeOfUniqueness="Maintainable">
    <r:TypeOfIdentifier>Canonical</r:TypeOfIdentifier>
    <r:URN>urn:ddi:us.mpc:LocationDS_PISA.Del_1:1</r:URN>
    <r:LocationDelineationName><r:String xml:lang="en-us">Stage
Directions - Amanda and the
Duchess</r:String></r:LocationDelineationName>
    <r:Object>Image</r:Object>
    <r:Action>
    <r:RegionOfAction>
    <r:ImageArea>
    <r:Shape>Rectangle</r:Shape>
    <r:Coordinates>[define the coordinate points of the
response area]</r:Coordinates>
    </r:ImageArea>
    </r:RegionOfAction>
    <r:Description><r:Content xml:lang="en-us">Place the letter
A within the defined Image Area</r:Content></r:Description>
    </r:Action>
    <r:Action>
    <r:RegionOfAction>
    <r:ImageArea>
    <r:Shape>Rectangle</r:Shape>
    <r:Coordinates>[define the coordinate points of the
response area]</r:Coordinates>
    </r:ImageArea>
    </r:RegionOfAction>
    <r:Description><r:Content xml:lang="en-us">Place the letter
D within the defined Image Area</r:Content></r:Description>
    </r:Action>
    </r:LocationDelineation>
    </r:LocationDelineationScheme>
</g:ResourcePackage>

```