

## 4.1.11.3.2 ExamForm Node Item Metadata tab

The ExamForm Node **Item Metadata** tab can be accessed by clicking an ExamForm node on the **Delivery Configuration Tool** page and then clicking the **Item Metadata** tab in the right pane.

This tab has three sections for export:

1. [Export Item Metadata](#)

The **Export Question Metadata** section allows you to export item metadata related information into the *Itempool.xml* file.

Name	Check to Export
Rainbow : Multiple Entry Text MD	<input checked="" type="checkbox"/>
Rainbow : Single-line Text MD	<input checked="" type="checkbox"/>
Rainbow : Block Text MD	<input checked="" type="checkbox"/>
Rainbow : Drop-down List MD	<input checked="" type="checkbox"/>
Rainbow : Multi-select list MD	<input checked="" type="checkbox"/>
Rainbow : Check Box MD	<input checked="" type="checkbox"/>

All the metadata lists associated with items in the exam form are listed under this tab.

To export the selected metadata lists, select the corresponding **Check to Export** check boxes.

The selected metadata lists appear under the `<Itemmetadata... /Itemmetadata>` section of the *Itempool.xml* for items with the selected metadata as shown below.

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE questestinterop SYSTEM "C:\Program Files (x86)\Pearson
VUE\Compiler\lib\vue\exam\compiler\parsers\pearsonvue_full.dtd">
- <questestinterop xmlns="http://www.imsglobal.org/xsd/ims_qtiasiv1p2"
xmlns:pearsonvue="http://www.vue.com/schemas">
  - <item id="165416">
    - <itemmetadata>
      - <qtimetadadata>
        - <qtimetadadatafield>
          <fieldlabel>Drop-down List MD</fieldlabel>
          - <fieldentry>
            - <![CDATA[
              Purple
            ]]>
          </fieldentry>
        </qtimetadadatafield>
      - <qtimetadadatafield>
          <fieldlabel>Check Box MD</fieldlabel>
          - <fieldentry>
            - <![CDATA[
              Yes
            ]]>
          </fieldentry>
        </qtimetadadatafield>
      - <qtimetadadatafield>
          <fieldlabel>Multi-select list MD</fieldlabel>
          - <fieldentry>
            - <pearsonvue:list>
              - <pearsonvue:entry>
                - <![CDATA[
                  Purple
                ]]>
              </pearsonvue:entry>
            </pearsonvue:list>
          </fieldentry>
        </qtimetadadatafield>
      </itemmetadata>
    </item>
  </questestinterop>

```

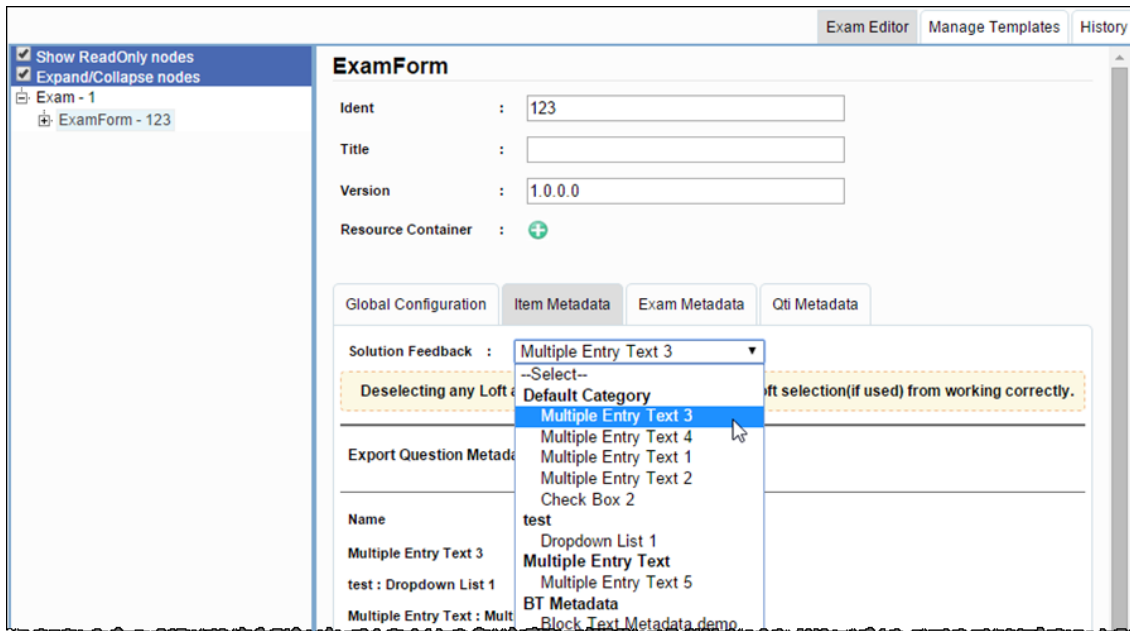
**i** Prior to the 1902 release, the metadata category was included in the QTI export. The metadata category is no longer included in question metadata, or LOFT constraints. Now only the metadata name is exported.

If the exam includes two identical metadata names in different categories, an error occurs when you save the exam form, "It is not possible to export metadata: [comma separated list of metadata names] more than once, even if they are in different categories." Each metadata name must be unique on the exam when exporting the QTI data.

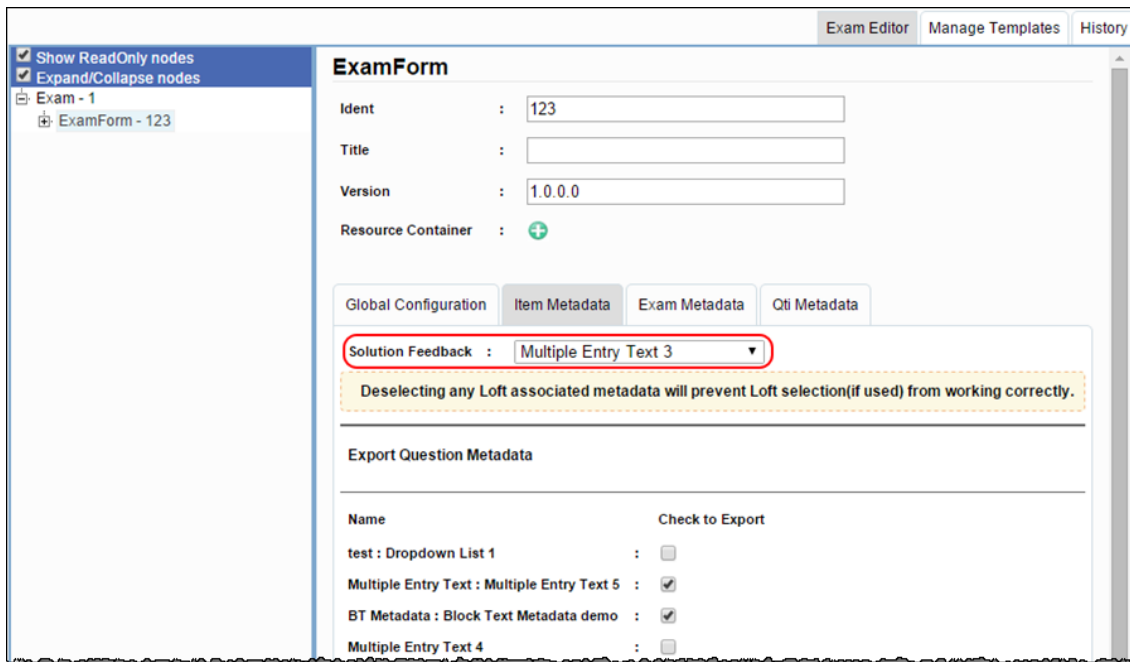
### Functionality of Solution Feedback drop-down

For an exam form, you can use the contents of a Project-level metadata as Item Feedback.

Go to the **Delivery Configuration Tool** page and click the ExamForm node in the left pane. Click the **Item Metadata** tab, click the **Solution Feedback** drop-down list and select one of the items from the list. This is a list of all the item metadata for the selected exam form. The contents of the selected metadata are now used as Item Feedback.



The metadata selected in **Solution Feedback** is not exported into item metadata, as disappears from the list available for that purpose.



The *Itempool.xml* file contains the entries for *itemfeedback* tag for items for which this value is selected. The entire code section for *itemfeedback* tag is absent in this file, if the selected item doesn't contain any metadata for the selection.

```

<item ident="118044_290752">
  <pearsonvue:objectivesref linkrefid="3519767" />
  <itemmetadata>
    <qtimetadata>
      <qtimetadafield>
        <fieldlabel>EXAM TYPE</fieldlabel>
        <fieldentry><![CDATA[exam type content 1]]></fieldentry>
      </qtimetadafield>
    </qtimetadata>
  </itemmetadata>
  <itemfeedback ident="118044_290752-P1">
    <solution>
      <solutionmaterial>
        <flow_mat>
          <material>
            <mattext>4431 A content 1</mattext>
          </material>
        </flow_mat>
      </solutionmaterial>
    </solution>
  </itemfeedback>

```

2. Export Blueprint Metadata

The **Export Blueprint Metadata** section allows you to export blueprint information in the form of metadata into the *Itempool.xml* file.

The screenshot shows the 'Exam Editor' interface with the 'Item Metadata' tab selected. The 'Export Blueprint Metadata' section is highlighted with a red box. It contains the following fields:

- Export Question Metadata:**
  - Block Text :
  - Multi-select List :
  - Dropdown List :
  - Checkbox :
- Export Blueprint Metadata:**
  - Blueprint Level :
  - Level 1 Node :
  - Level 2 Node :
  - Level 3 Node :
- Export Question Statistic
- Analysis Group : AG1 For : Default

Buttons at the bottom: Save, Export, Reset.

All the blueprint levels associated with items in the exam form are listed under this tab.

To export the selected blueprint levels as metadata, select the corresponding **Check to Export** check boxes.

The selected blueprint level information appears as metadata under the `<Itemmetadata... /Itemmetadata>` section of the `Itempool.xml` /for items with the selected the blueprint node as shown below.

```
<item ident="122431">
  <pearsonvue:objectivesref linkrefid="3983994" />
  <itemmetadata>
    <qtimetadata>
      <qtimetadafield>
        <fieldlabel>Subtask</fieldlabel>
        <fieldentry>I.A.1 Working with Quadratic Equations</fieldentry>
      </qtimetadafield>
    </qtimetadata>
  </itemmetadata>
  <presentation fontface="Tahoma" fontsize="9" fontstyle="normal" background_color="#FFFFFF">
    <flow>
      <flow>
        <material>
```

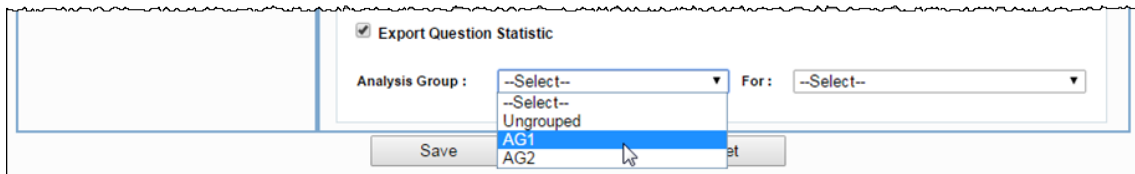
### 3. Export Question Statistics

The **Export Question Statistic** section allows you to export item Statistics information in the form of metadata into the `Itempool.xml` file.

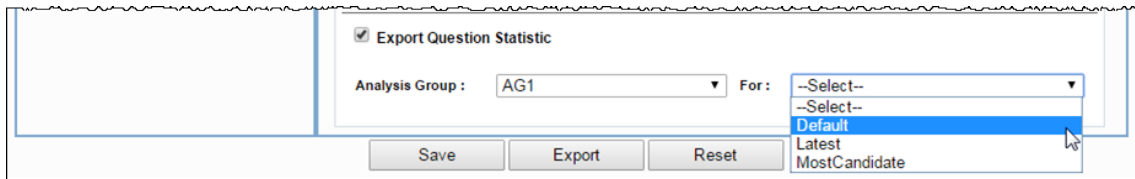
The screenshot shows the 'Exam Editor' interface with the 'Item Metadata' tab selected. The 'Export Question Statistic' checkbox is highlighted with a red box. Below it are two dropdown menus for 'Analysis Group' and 'For'. The interface also shows a tree view on the left with 'ExamForm - ExamForm1' selected, and a 'Solution Feedback' dropdown set to '--Select--'. A warning message states: 'Deselecting any Loft associated metadata will prevent Loft selection(if used) from working correctly.' At the bottom, there are 'Save', 'Export', and 'Reset' buttons.

In order to export item Statistics, you must select the **Export Question Statistic** check box, which enables the Analysis Group and its content drop-down lists below it.

Select the Analysis Group from the drop-down list. Here, you can select either **Ungrouped** or any of the custom Analysis Groups that have been created in the Item Bank.



Select the type of Analysis Set from the **For** drop-down list to the right. You can select either **Default**, **Latest**, or **Most Candidate**, to specify which Analysis Set from the selected Analysis Group is to be exported as a metadata.



The selected Analysis Set information appears as metadata under the `<Itemmetadata... /Itemmetadata>` section of the `Itempool.xml` for items having the statistics as shown below.

```

<item ident="187960">
  <pearsonvue:objectivesref linkrefid="3984008" />
  <itemmetadata>
    <qtimetadadata>
      <qtimetadadatafield>
        <fieldlabel>Difficulty</fieldlabel>
        <fieldentry>0.5</fieldentry>
      </qtimetadadatafield>
    </qtimetadadata>
    <qtimetadadata>
      <qtimetadadatafield>
        <fieldlabel>Discrimination</fieldlabel>
        <fieldentry>-0.25</fieldentry>
      </qtimetadadatafield>
    </qtimetadadata>
    <qtimetadadata>
      <qtimetadadatafield>
        <fieldlabel>pearsonvue_IrtA</fieldlabel>
        <fieldentry>6.2</fieldentry>
      </qtimetadadatafield>
    </qtimetadadata>
    <qtimetadadata>
      <qtimetadadatafield>
        <fieldlabel>pearsonvue_IrtB</fieldlabel>
        <fieldentry>4.5</fieldentry>
      </qtimetadadatafield>
    </qtimetadadata>
    <qtimetadadata>
      <qtimetadadatafield>
        <fieldlabel>pearsonvue_IrtC</fieldlabel>
        <fieldentry>-1.12</fieldentry>
      </qtimetadadatafield>
    </qtimetadadata>
    <qtimetadadata>
      <qtimetadadatafield>
        <fieldlabel>Candidates</fieldlabel>
        <fieldentry>20</fieldentry>
      </qtimetadadatafield>
    </qtimetadadata>
  </itemmetadata>
  <presentation fontface="Tahoma" fontsize="9" fontstyle="normal" background_color="#FFFFFF">
    <flow>

```