

Assignment 3: Homework for the NPGS GRIN-Global after Webinar 3



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October 7, 2015

This exercise should be completed *before* you attend
the 4th webinar session.

**"To see things in the seed, that is genius."
Lao Tzu**

1. Log in

Login to the Curator Tool (CT) using the training server.



Reminder: The CT User Guide is available online. If you copy the following link and bookmark it in your browser, you will have access to the latest revision:

http://www.ars-grin.gov/npgs/gringlobal/docs/gg_curator_tool_user_guide.pdf

Also, note that the Table of Contents has links to every section in the Guide. Since these links are hyperlinks, you can click on a link to “jump” to a section you are interested in. For example, there is a section on keyboard shortcuts; click and you will “jump” to that section:

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When editing in the CT, use **Ctrl-'** to duplicate the contents of the cell from the cell above the cell you are editing.

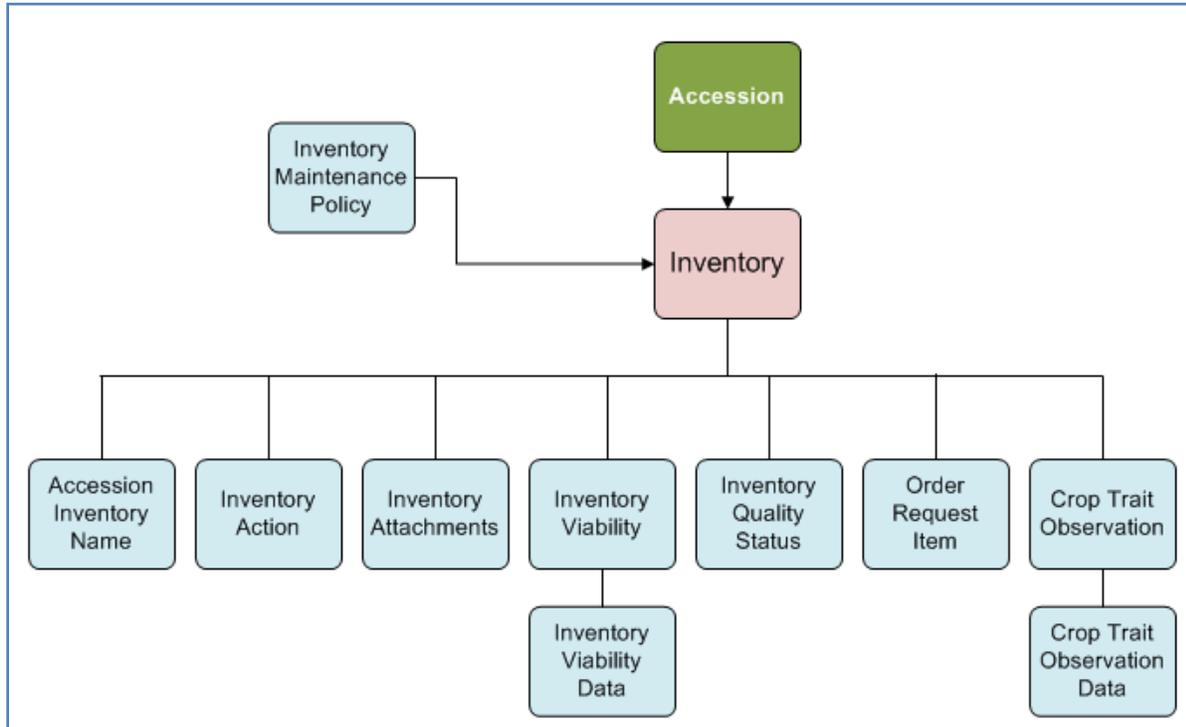
2. Practice some Curator Tool (CT) interface techniques...

Do you know how to do the following? Can you...

- hide and show tabs in the left List Panel?
- when editing records in the datagrid, do you know how to insert a new record that is initially identical to the record above? (Hint – there is a short-cut keyboard combination)
- sort the datagrid by more than one column? and end the sorting?
- add dataviews in the right panel?

3. Inventory (Review)

The main inventory table is the parent to many children tables. In GRIN-Global, in the Curator Tool, we have many dataviews to facilitate the entering of data into the parent Inventory record and the children records – the Curator Tool is programmed to manage these relationships.



We also mentioned that whenever an Accession record is created, a default inventory record is automatically created by the software. We sometimes refer to this default inventory record as the “system” inventory record or the “virtual” inventory record. It *does not* refer to physical inventory stored on a shelf or in a field somewhere.

For example, in the Avocado group session, as an example, I created two child inventory records for Accession PHV 95002 mar.

Accessions	Acc. Name	Inventory	Inv. Name	Orders	Cooperators	Tax. Species	Crop	CropTrait	Obs
	Inventory ID	Inventory Prefix	Inventory Number	Inventory Suffix	Inventory Type	Accession	Inventory Maintenance Policy		
	3924881	PHV	95002	mar	**	PHV 95002 mar	SYSTEM		
	3925195	PHV	95002	mar	SD	PHV 95002 mar	SYSTEM		
	3925196	PHV	95002	mar	BD	PHV 95002 mar	Pistachio		

Three inventory records are displayed – the two I created, and the virtual inventory record. The virtual record will always have the ****** for **Inventory Type**.

Just a reminder about a couple of points we discussed. Unlike Accessions, there isn’t an Inventory wizard – yet! Also, while you can use the inventory Maintenance Policy dataview to create and edit

inventory Maintenance Policy records, the CT has not been programmed to fill a new inventory record with the defaults based on the inventory Maintenance Policy. That's in the works!

4. Inventory Practice

Use one of your accessions that you created in an earlier exercise.

- a. Create two inventory records for that accession.

Remember that when creating any new records, in Edit mode, the violet color in the cell indicates that that field is required. Also, if you are not sure what a field is accepting, or what the field is intended to store, now is a good time to explore the [online data dictionary](#).

- b. Create several inventory name records – for starters, create at least one inventory *name* record per inventory record.
- c. Create at least one or two of each of the following child records: *inventory_action*, *inventory_viability*, and *inventory_quality_status*.
- d. Highlight the Accession item in the List Panel. Practice switching between the dataviews: Accession, Inventory, Inventory Name, and the other inventory dataviews.
- e. **Images.** There is an inventory dataview (*get_inventory_attach*) designed for handling images. In the CT, display that dataview. Remember that this is one of the dataviews that also has a form version (besides its spreadsheet version). You will choose how you want it to display, using the radio buttons and the checkbox, as shown below.

The screenshot shows a data table with columns: Acc.Name, Inventory, Inv.Name, Inv.Group, Orders, Cooperators, Tax.Species, Crop, CropTrait, Obs, and Inv.Attach. The 'Inv.Attach' column is highlighted. A dialog box titled 'Data View Properties v1.0.7.0' is open over the table. The dialog has the following fields and options:

- Dataview Tab Name: Inv.Attach
- Dataview Category: Client
- Dataview Area: Inventory
- Dataview: Get Inventory Attach
- Viewer Style: Spreadsheet, Form, Both
- Always on top
- Form: Inventory Image Form (ImageForm.dll)
- Buttons: OK, Cancel

Add some images to GG. Use your own (download some from GRIN, or there are some links on the wiki training page in the same table cell where this assignment was located).

The complete instructions for adding images are in the *Image Handling* section in the Curator Tool User Guide.