

# Installation of Reports

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## Author

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Reports such as Packing Lists used by the Curator Tool (CT) are controlled by report (.rpt) files. When the CT is prepared for distribution, it must go through a build process. When the CT is installed, it stores any report files that have been bundled in that build.

Some organizations running the GRIN-Global application may have created their own reports and may distribute them outside of a default build. In that case, you should receive directions from your GG administrator on implementing the .rpt files.



In release 1.9.8.16, released on March 8, 2018, the Crystal Reports were updated to properly render with the new 64 Bit Crystal Reports Runtime Viewer.

The following files are current (for NPGS) as of August 31, 2018 and were included in the **1.9.8.27** build:

Name
Order-Packing NSGC.rpt
Order-Packing by Accession Number.rpt
Order-Packing General.rpt
Order-Packing General with Origin.rpt
Order-Packing Disclaimers.rpt
Order-Packing by Accession.rpt
Order-Picking.rpt
1x3_Freezer_Label.rpt
1x3_Jar_Lid_Label.rpt
1x3_Prepack_Label.rpt
3x3_Extra_Bag_Label.rpt
3x3_Jar_Label.rpt
3x3_Packet_Label.rpt
Cooperator - Users at a Site.rpt
1x3_Zebra_Viability_Label.rpt
1x3_Dymo_Viability_Label.rpt

The report files may be downloaded from:

[https://www.grin-global.org/files/current\\_rpt\\_files\\_2021may18.zip](https://www.grin-global.org/files/current_rpt_files_2021may18.zip)

The following instructions explain the steps needed to install these reports.

**In order to complete these instructions, someone with an elevated privileges account will need to be involved.**

In most NPGS locations, this may be a designated person or an IT support person. This elevated-privileged person needs to complete the report file installation. At NPGS, if assistance is needed, please contact the GG support team at [feedback@ars-grin.gov](mailto:feedback@ars-grin.gov); otherwise contact the International GG Support Desk at [CIMMYT-GRINGlobal-International@cgiar.org](mailto:CIMMYT-GRINGlobal-International@cgiar.org).

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## Directions

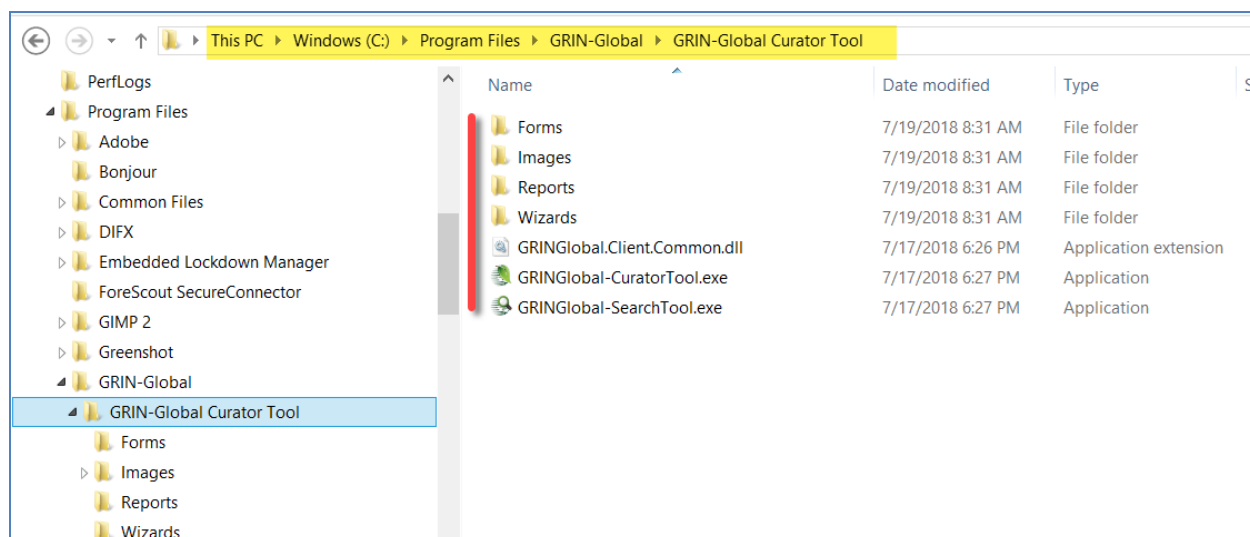
### Background: Granting Permissions for CT User Folders

In organizations such as NPGS which restrict some users' access privileges to folders, the permissions settings on two specific folders on PCs running the Curator Tool may need to be changed. By doing this, in the future, when necessary, a user without an elevated privileges account can copy report files or wizard files to the respective folders.



By default, the **C:\ProgramData** folder is hidden by the operating system. If that folder is not displaying when in File Explorer, you need to change the viewing options to display hidden folders and files. See the Appendix "[Changing Viewing Options for Folders](#)" for details.

Under **C:\Program Files\GRIN-Global\GRIN-Global Curator Tool**, the two folders are **Reports** and **Wizards**:



Assuming the Curator Tool has been installed on the PC and the **C:\ProgramData** folder is not hidden, these folders exist as shown above.

### If the CT Hasn't Been Installed Yet

Using an **elevated privileges account**, install the Curator Tool, following the CT installation directions that are online. ( [NPGS instructions](#) | [Non NPGS instructions](#) ) During this installation, not only is the CT installed, but other requisite programs are installed, including Microsoft's SQL Server Express. "Express" is the underlying database engine which will host some data created by the user on his or her local PC. The actual curatorial data is stored on the remote GG server – for example, the NPGS server is in Beltsville.



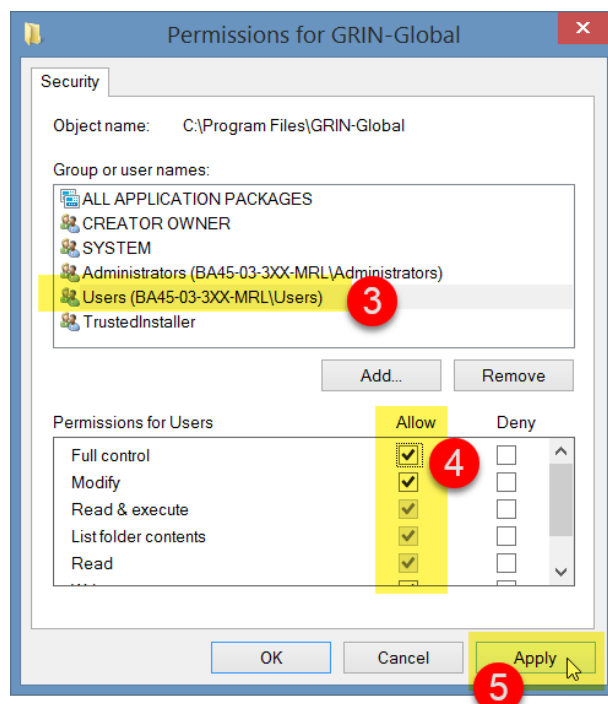
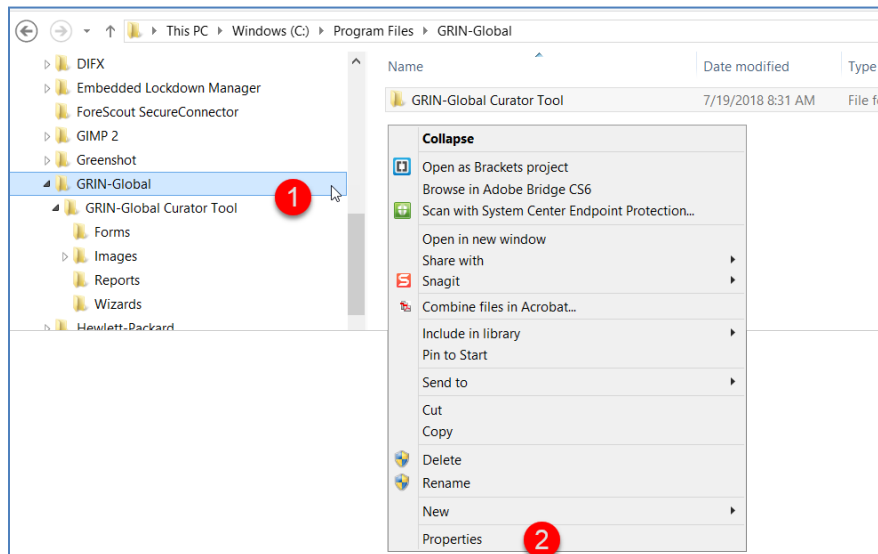
## Report Installation Directions

### Step 1: Grant Permissions to Reports and Wizards Folders

Someone with *elevated privileges account (the person who installed the CT)*, needs to change the security privileges for:

1. C:\Program Files\GRIN-Global\GRIN-Global Curator Tool\Reports
2. C:\Program Files\GRIN-Global\GRIN-Global Curator Tool\Wizard

Rather than do each folder separately, verify that the higher level **GRIN-Global** folder is modifiable by the **Users** group (as illustrated on the following two screens. Grant permissions for **Modify** and **Full Control**, as well as **Read**, etc.:

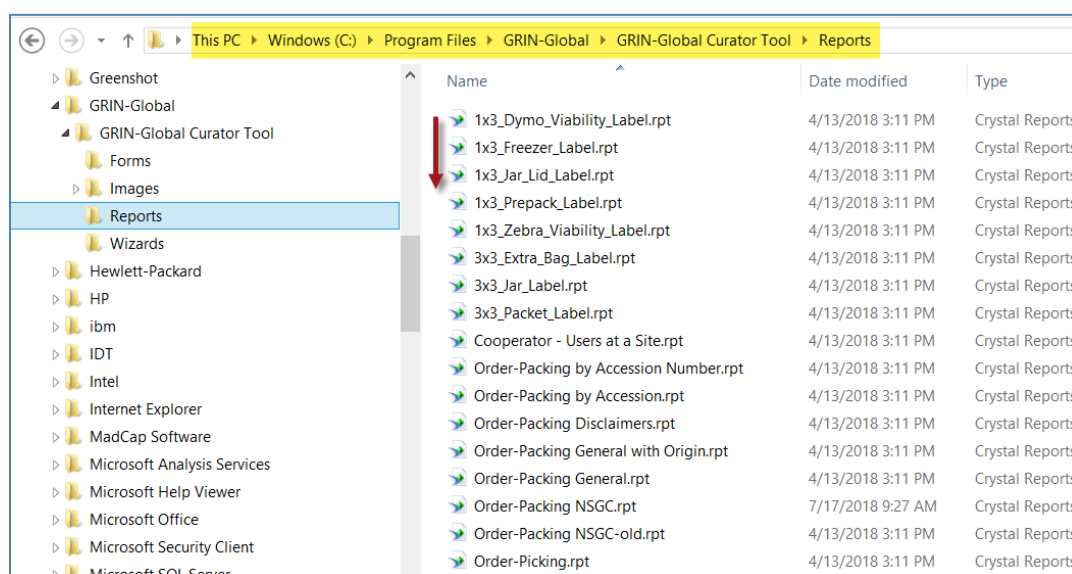


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## Step 2: Copy the Crystal Report (.rpt) Files onto a User's PC

The report filenames have “.rpt” for their extension. The .rpt files must be copied into a specific folder on a CT user's PC. The Curator Tool report files are typically loaded in this folder:

Operating System	Folder Containing the Report Files
Windows 7.1; 8; 8.1, 10	C:\Program Files\GRIN-Global\GRIN-Global Curator Tool\Reports



The report files may be downloaded from:

[https://www.grin-global.org/files/current\\_rpt\\_files\\_2021may18.zip](https://www.grin-global.org/files/current_rpt_files_2021may18.zip)



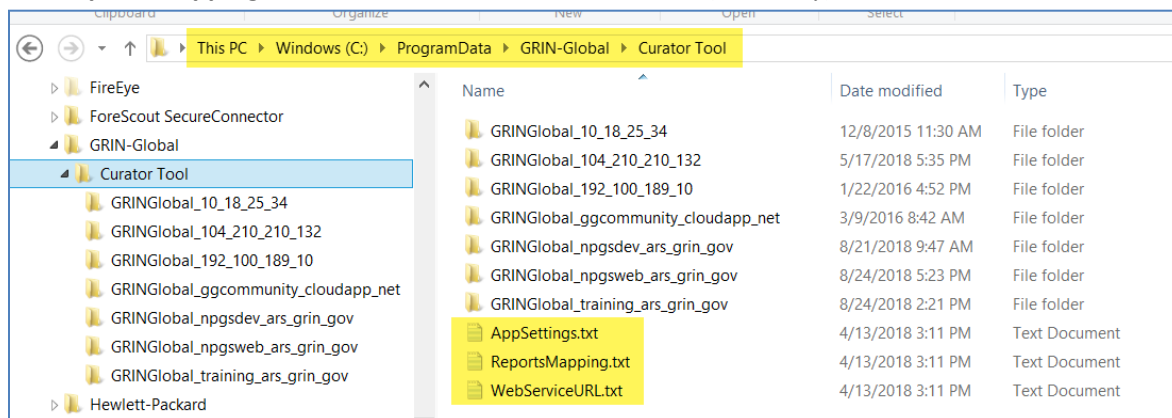
Use Windows Explorer to unzip the files in this zip file and copy the .rpt files to the **C:\Program Files\GRIN-Global\GRIN-Global Curator Tool\Reports** folder. Some of these .rpt files have the same name as files already in that folder. When prompted, select **Replace**.

### Step 3: Map the Report Files to Dataviews (Editing the ReportsMapping.txt)



When a developer designs a Curator Tool report, she designs it to work with one or more dataviews. Therefore, before running a report in the Curator Tool, you must have the respective dataview opened.

A text file, “**ReportsMapping.txt**,” controls the mapping of the report files to their respective dataviews. The **ReportsMapping.txt** file is stored in a Windows folder (directory):



Operating System	Folder Containing the ReportsMapping.txt File
Windows 7.1; 8; 8.1; 10	C:\ProgramData\GRIN-Global\Curator Tool

Someone with the appropriate permissions must edit the Reports.Mapping.txt file to coordinate the .rpt files working with the appropriate dataviews.

#### *ReportsMapping.txt File (Example)*

The **ReportsMapping.txt** file statements indicate the relationship of the .rpt files to the dataview.

These should be added to your file:

```
1x3_Dymo_Viability_Label.rpt = viability_wizard_get_inventory_viability_label
1x3_Freezer_Label.rpt = get_inventory
1x3_Jar_Lid_Label.rpt = get_inventory
1x3_Prepack_Label.rpt = get_inventory
1x3_Zebra_Viability_Label.rpt = viability_wizard_get_inventory_viability_label
3x3_Extra_Bag_Label.rpt = get_inventory
3x3_Jar_Label.rpt = get_inventory
3x3_Packet_Label.rpt = order_wizard_get_packet_label; order_wizard_get_order_request_item
Cooperator - Users at a Site.rpt = rpt_cooperator_by_site
Order-Packing by Accession Number.rpt = order_packing2
Order-Packing by Accession.rpt = order_packing2
Order-Packing Disclaimers.rpt = order_packing2
Order-Packing General with Origin.rpt = order_packing2
Order-Packing General.rpt = order_packing2
Order-Packing NSGC.rpt = order_packing_nsgc
Order-Picking.rpt = order_packing2
```

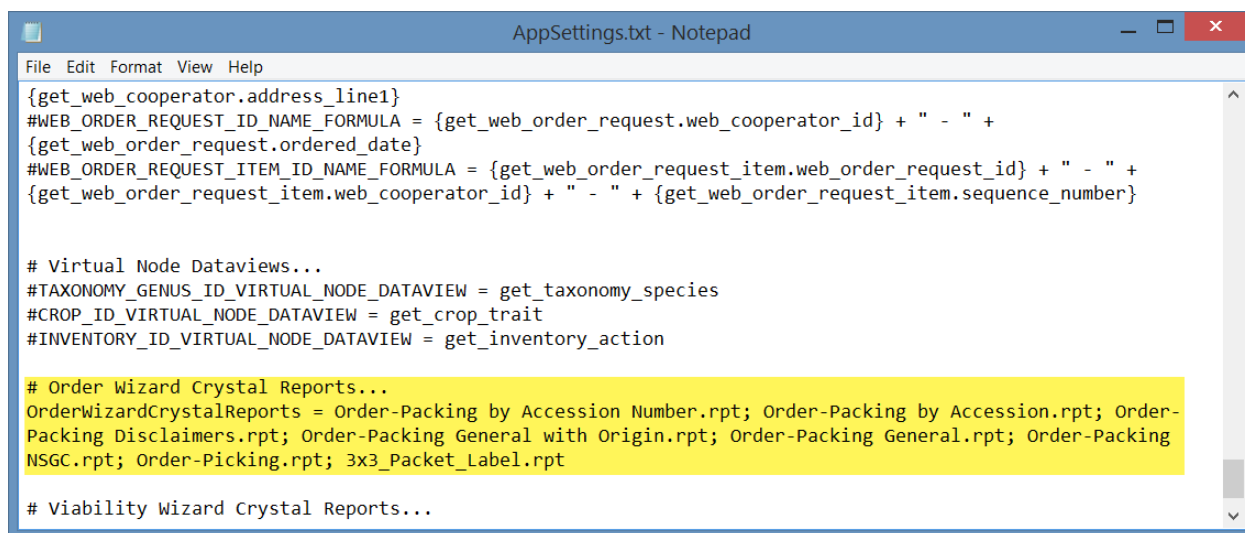
## Step 4: Using the New Reports within the Curator Tool



In versions prior to Curator Tool 1.9.2, all reports were listed whenever the report option was selected. The menu did not indicate which reports were valid for the active dataview. If the report selected was not designed for the active dataview, you would get an error message. Beginning with version 1.9.2, only the reports designed for the active dataview will be listed.

### *AppSettings.txt File*

Operating System	Folder Containing the AppSettings.txt File
Windows 7.1; 8; 8.1, 10	C:\ProgramData\GRIN-Global\Curator Tool



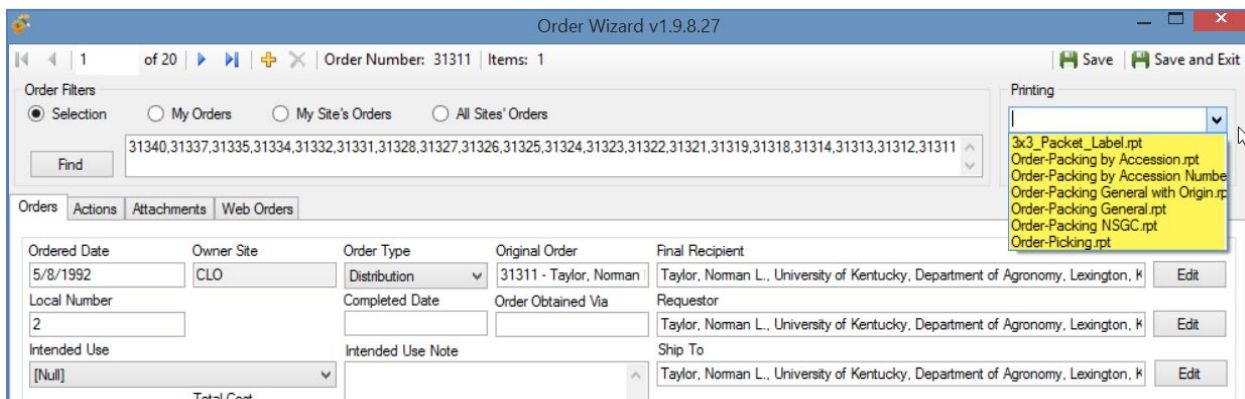
```
File Edit Format View Help
{get_web_cooperator.address_line1}
#WEB_ORDER_REQUEST_ID_NAME_FORMULA = {get_web_order_request.web_cooperator_id} + " - " +
{get_web_order_request.ordered_date}
#WEB_ORDER_REQUEST_ITEM_ID_NAME_FORMULA = {get_web_order_request_item.web_order_request_id} + " - " +
{get_web_order_request_item.web_cooperator_id} + " - " + {get_web_order_request_item.sequence_number}

# Virtual Node Dataviews...
#TAXONOMY_GENUS_ID_VIRTUAL_NODE_DATAVIEW = get_taxonomy_species
#CROP_ID_VIRTUAL_NODE_DATAVIEW = get_crop_trait
#INVENTORY_ID_VIRTUAL_NODE_DATAVIEW = get_inventory_action

# Order Wizard Crystal Reports...
OrderWizardCrystalReports = Order-Packing by Accession Number.rpt; Order-Packing by Accession.rpt; Order-
Packing Disclaimers.rpt; Order-Packing General with Origin.rpt; Order-Packing General.rpt; Order-Packing
NSGC.rpt; Order-Picking.rpt; 3x3_Packet_Label.rpt

# Viability Wizard Crystal Reports...
```

The Order Wizard has a **Printing** dropdown feature that looks similar to the following (your report names may differ):



The statement below, when included in the **AppSettings.txt** file, affects which reports will display in the Order Wizard dropdown:



**OrderWizardCrystalReports = Order-Packing by Accession Number.rpt; Order-Packing by Accession.rpt;  
Order-Packing Disclaimers.rpt; Order-Packing General with Origin.rpt; Order-Packing General.rpt;  
Order-Packing NSGC.rpt; Order-Picking.rpt; 3x3\_Packet\_Label.rpt**

In some situations, the **AppSettings.txt** file will have a # symbol preceding the code. (The # causes the code to be treated as a comment.) When that is the case, delete the leading # symbol and the code will work properly *after you restart the Curator Tool*. The Order Wizard Printing dropdown will display the reports included in the statement.



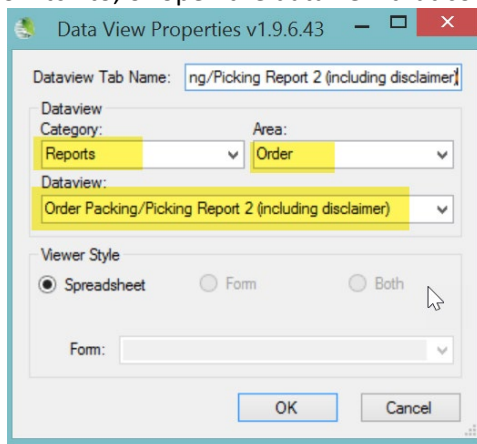
#### *AppSettings Table*

This table exists on the server. It contains some default settings that control each user's individual settings. When the user's PC contains an **AppSettings.txt** file with similar statements, the user's AppSettings.txt file statements supersede the statements in the server's **AppSettings** table.

### Step 5: Displaying a Curator Tool Report

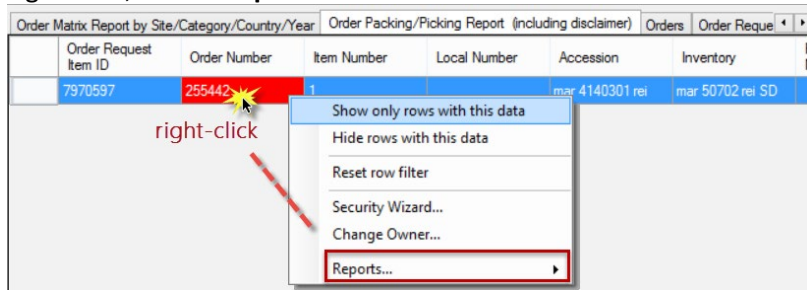
To use a report with a dataview, you will:

- Switch to, or open the dataview that correlates to the respective report you intend to produce

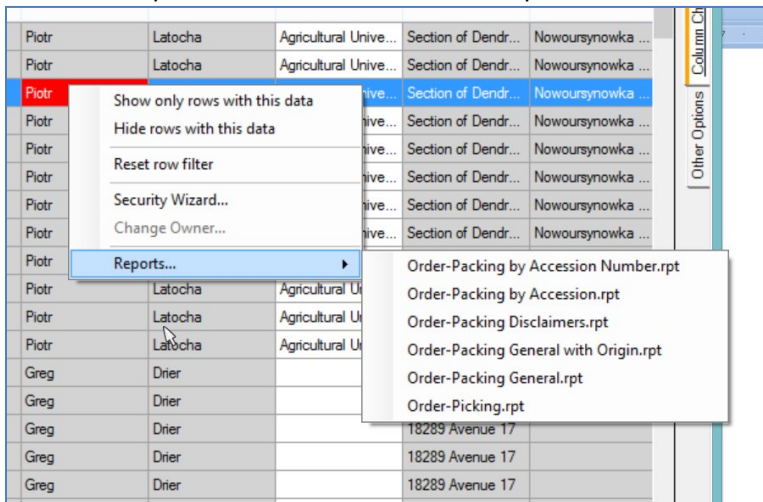


- In the dataview, select the record(s) that are to be included in the report

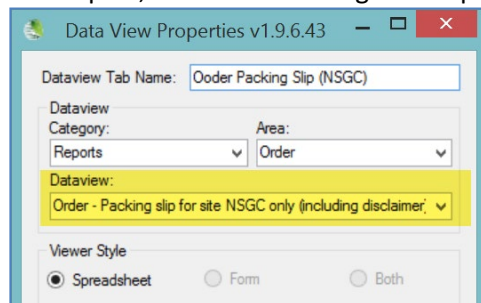
- Right-click; select **Reports...**



- Select the report from the list of relevant reports:



One report, the Order-Packing NSGC.rpt, requires a different dataview:



## Appendix A: Resolve the Order Wizard “Missing Reports” Issue

### To fix the issue of reports not displaying in the user’s Order Wizard:

*(Simplified instructions)*

In File Explorer, go to: **C:\ProgramData\GRIN-Global\Curator Tool**

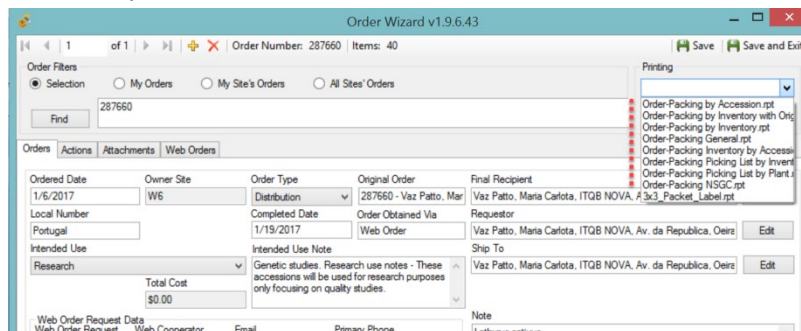
Edit the file: **AppSettings.txt**

At the bottom, there is a line that begins with a # symbol – delete the # symbol  
the line should read:

**OrderWizardCrystalReports = Order-Packing by Accession.rpt; Order-Packing by Inventory with Origin.rpt; ...**

*(Details)*

The Order Wizard has a **Printing** dropdown feature that looks similar to the following (your report names may differ):

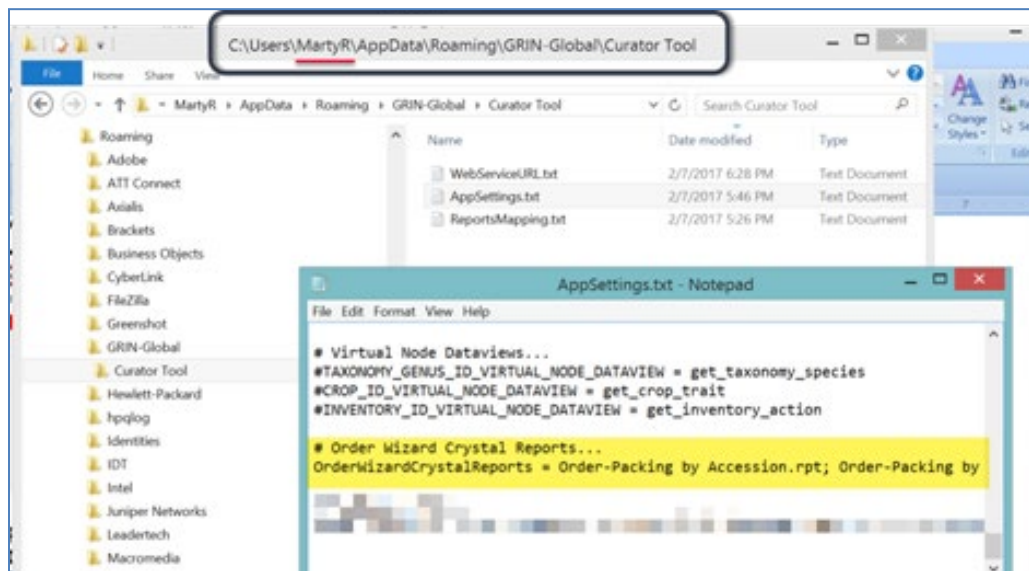


The statement below, when included in the **AppSettings.txt** file, affects which reports will display in the Order Wizard dropdown:

**OrderWizardCrystalReports = Order-Packing by Accession.rpt; Order-Packing by Inventory with Origin.rpt; Order-Packing by Inventory.rpt; Order-Packing General.rpt; Order-Packing Inventory by Accession.rpt; Order-Packing Picking List by Inventory.rpt; Order-Packing Picking List by Plant.rpt; Order-Packing NSGC.rpt; 3x3\_Packet\_Label.rpt**

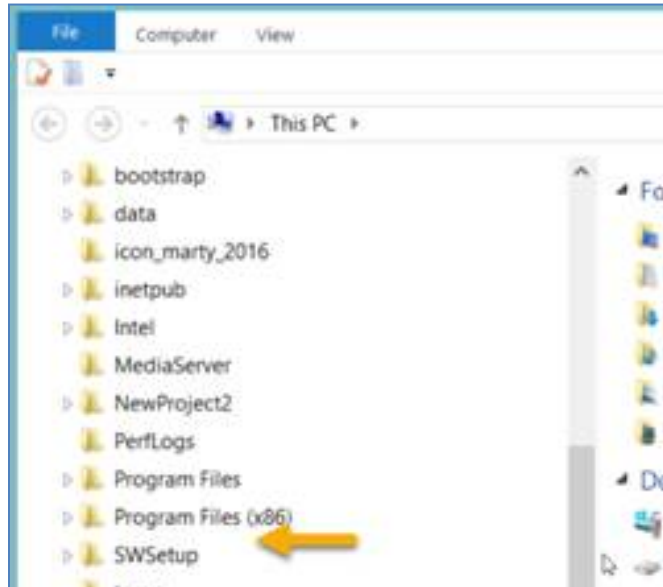
In some situations, the **AppSettings.txt** file will have a # symbol preceding the code. When that is the case, delete the leading # symbol. If that code is not there, copy the highlighted text and place at the bottom of the **AppSettings.txt** file. The code should then work properly *after you restart the Curator Tool*. The Order Wizard Printing dropdown will display the reports included in the statement.

The **AppSettings.txt** file is in the PC's Users folder (in the example shown here, the user is MartyR):



## Appendix B: Changing Options for Folders (so that they display (Show hidden folders))

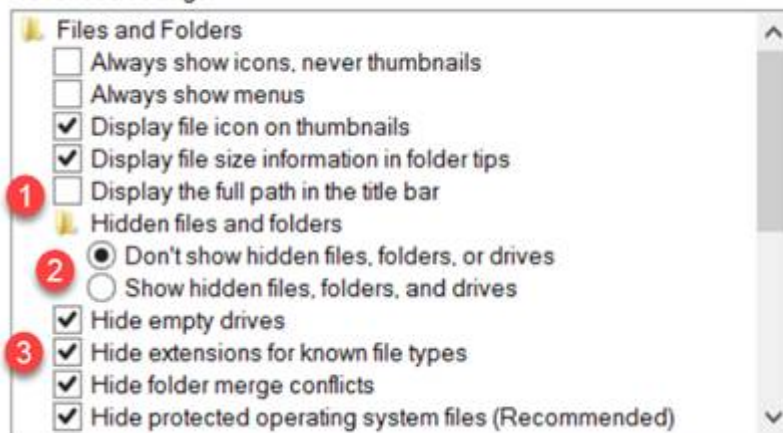
Unfortunately, in its wisdom, Microsoft a long time ago decided to hide certain folders as well as file extensions. The default view; the folder **C:\ProgramData** is hidden:



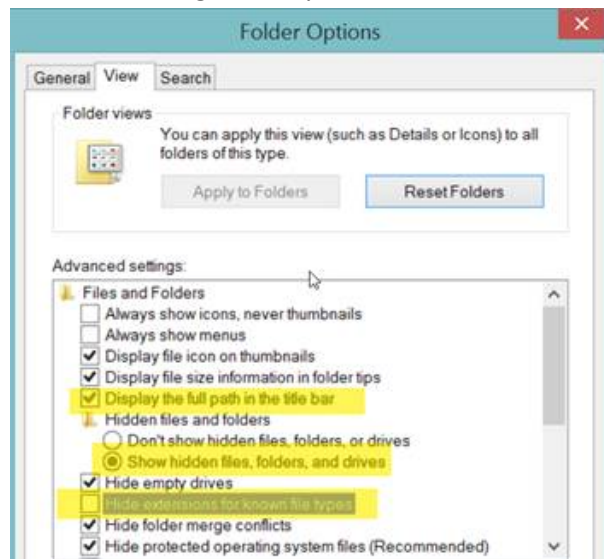
Whenever I get a new PC, I immediately change 3 of the default settings. I use File Explorer extensively, so I change the settings for **"Display full path," "Show hidden files...,"** and **"Hide extensions for known types"** to be able to see "hidden" folders and files.

### Default File Explorer Settings

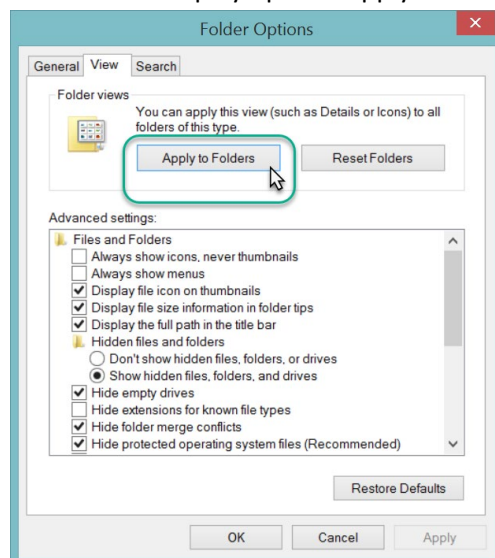
Advanced settings:



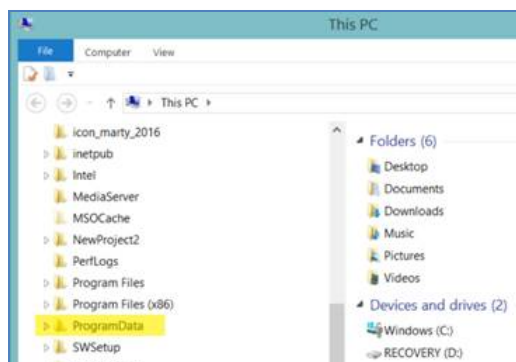
Preferred settings which you can make the default for the entire PC:



To make the display options apply to all folders, select the **Apply to Folders** button:



The **C:\ProgramData** should display. You may need to close the File Explorer window and then reopen it.



## Appendix C: Document Changes

### 2021 May 18

- Updated the location of the ZIP file for the .rpt files

### 2018 August 31

- Edited substantially to reflect the changes to a 64-bit platform and the move to different folders on the CT user's PC

### 2017 December 5

- changed the source zip file to [https://www.grin-global.org/report\\_files\\_for\\_ct\\_2017dec05.zip](https://www.grin-global.org/report_files_for_ct_2017dec05.zip)

### 2017 July 5

- changed the source location for the reports zip file to <https://www.grin-global.org/...>