

Installing Curator Tool 1.9.4 (or later versions)



Revision Date

November 14, 2014



This document was originally written to describe the installation of the Curator Tool (CT) in the US National Plant Germplasm System (NPGS). The text is applicable to other CT installations – however the source for the installation file and the server information will vary, depending on the organization.

Please refer to the [Curator Tool User Guide](#) for complete Curator Tool information (other than the installation instructions). Refer to the [Curator Tool User Guide](#) to read about the changes in the recent version levels.

If you have a version of the CT that is 1.8.4 or earlier, you need to manually uninstall the old version before installing the new. See the [Uninstalling the Existing CT section](#) for details.

[Change notes](#) pertaining to this document are summarized in the appendix.

The [Table of Contents](#) contains links to the document's sections.

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Overview

When testing the Curator Tool (CT), version 1.9.n, you will also be testing other changes within the GRIN-Global (GG) system. For example, in preparation for going into production with GG, we have implemented a password security system which complies with USDA standards. Also, the CT uses a new version of the Crystal Reports viewer, which means that when you update the CT, you will also be updating the embedded viewer (if you are updating from an older CT version - 1.8.n or older).

Perhaps the most noticeable change is the shift away from the GG Updater. If you are familiar with using the GRIN-Global Updater program to install the Curator Tool, the installation process no longer uses the GG Updater to install the Curator Tool; a self-extracting zip is now used instead.

New installations (or updates) of the Curator Tool will use a self-extracting zip file available at:

<http://npgsweb.ars-grin.gov/gringlobal/downloads/>



Users with a 1.8.x (or earlier) version of the CT must use Windows to manually remove the Curator Tool from the PC. Use Windows **Control Panel** to remove the previous CT version.

Installation Steps

The CT installation steps vary, depending on whether it is a new CT installation or an update.

Updates

In an update, you basically invoke the self-extracting zip file and the InstallShield wizard program proceeds with a series of windows on which you generally just click the **Next** button. (InstallShield is the program used to pack the CT into this self-extracting file; detailed directions are described [below](#).)

New Installations

When this installation is the first installation of the CT on the PC, besides installing the CT several other programs are installed:

Component	Purpose
Crystal Reports	SAP's Crystal Reports viewer is a free, standalone Report file viewer that enables the user to open and view interactive reports designed for the Curator Tool
SQL Server 2008 R2 Express	Required on all computers where the Curator Tool is installed; the CT maintains a small SQL Server database of lookup tables on the user's PC
Lookup Tables	Every PC running the CT will have a copy of these GG tables installed on the PC.

Directions for Installing the Self-extracting Curator Tool

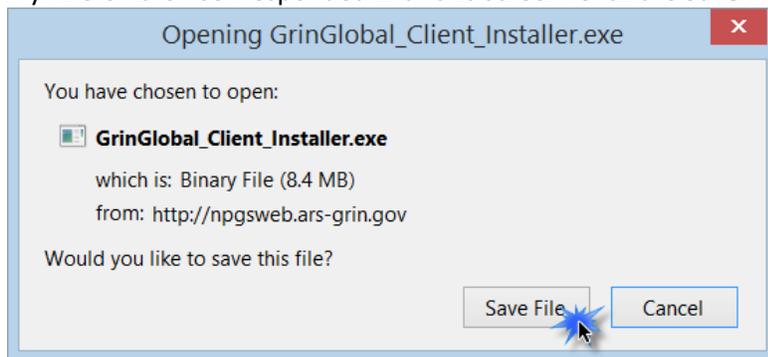
Download the Zip File

Each browser handles downloads slightly differently – the main idea is to save the zip file and then execute it (double-click on the filename within Windows Explorer). Unfortunately you need to determine where the file is downloaded on your PC – each browser and PC operate uniquely.

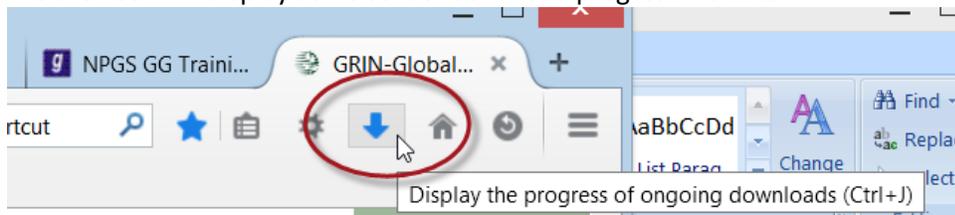
In a URL box in your browser, go to: (or click below if you are reading this document online):

<http://npgsweb.ars-grin.gov/gringlobal/downloads/>

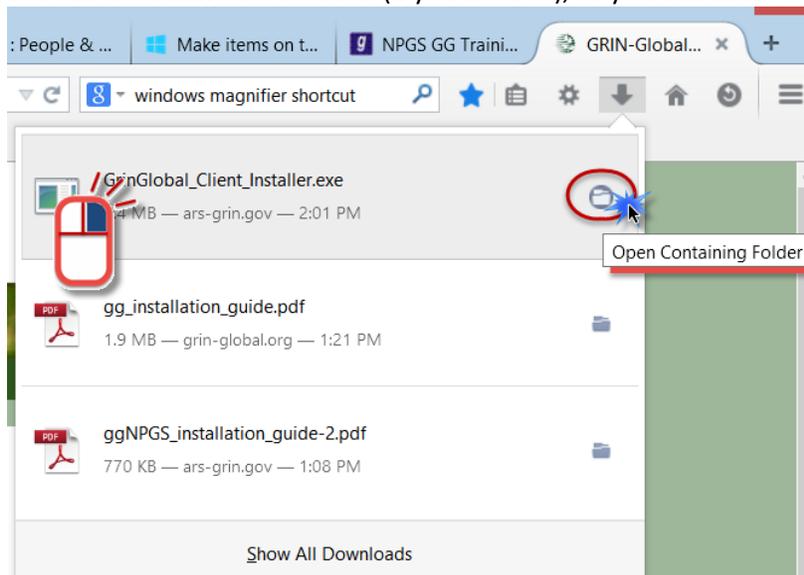
My Firefox browser responded with this screen. Click the **Save File** button:



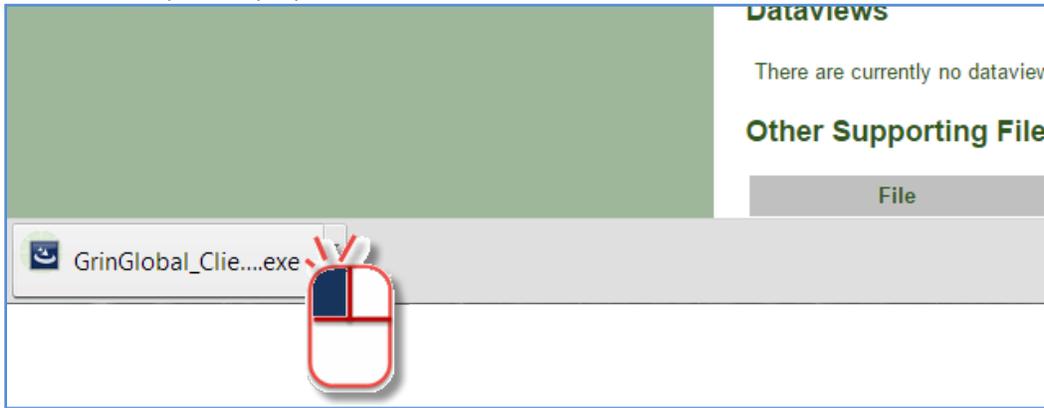
The browser will display some sort of download progress indicator:



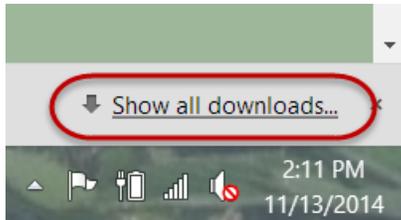
You can determine the location (if you need to), or you can click on the filename:



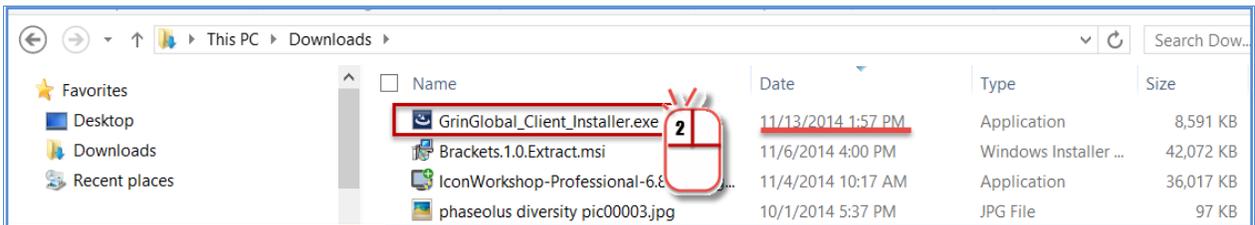
In Chrome, my PC displayed the filename at the bottom left of the screen. Just click on the filename:



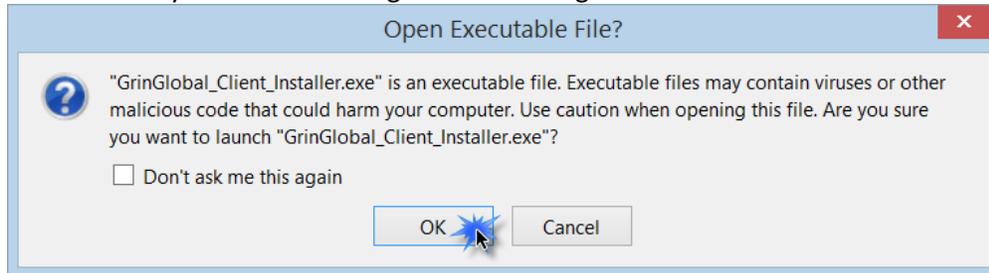
If desired, you can also display the complete list of Chrome downloaded files via Chrome – on the status bar there should be a link:



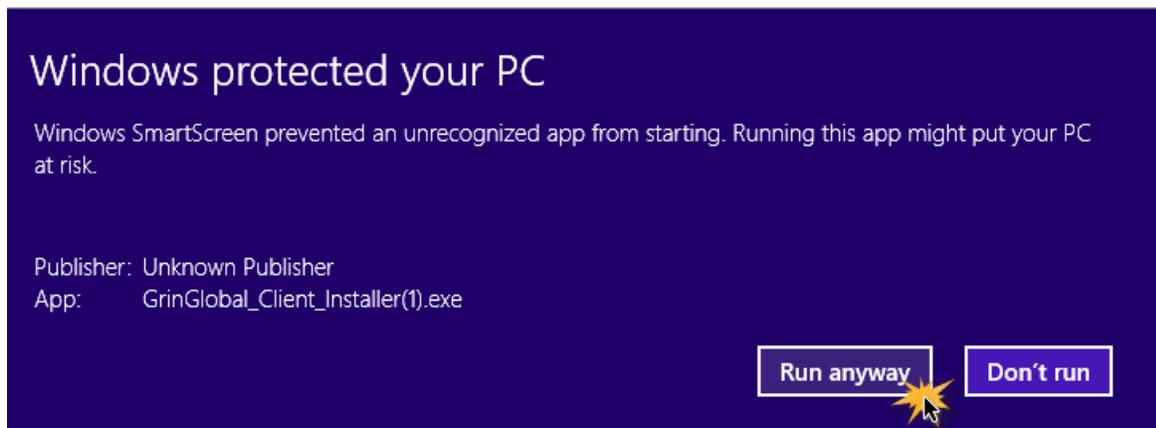
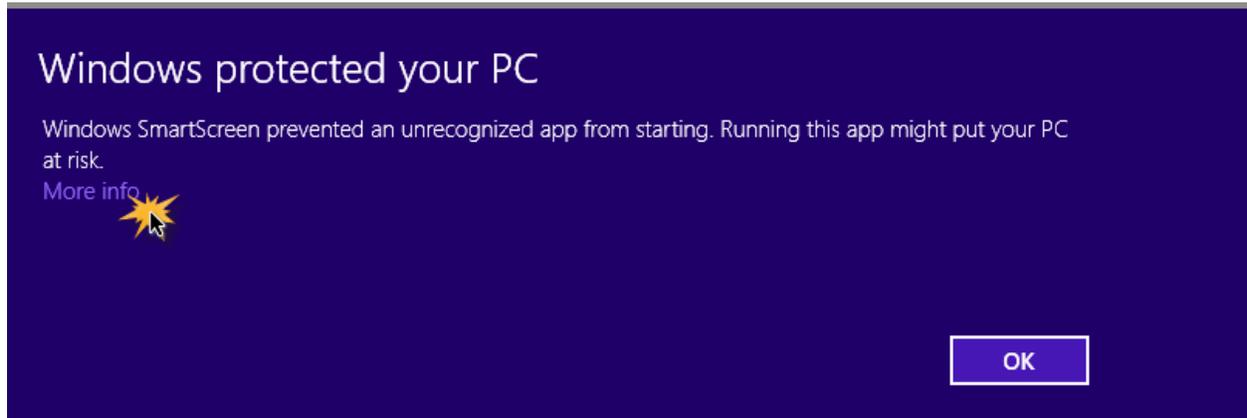
If you need to locate the file in Windows Explorer., after you locate it, double-click the filename to invoke the file:



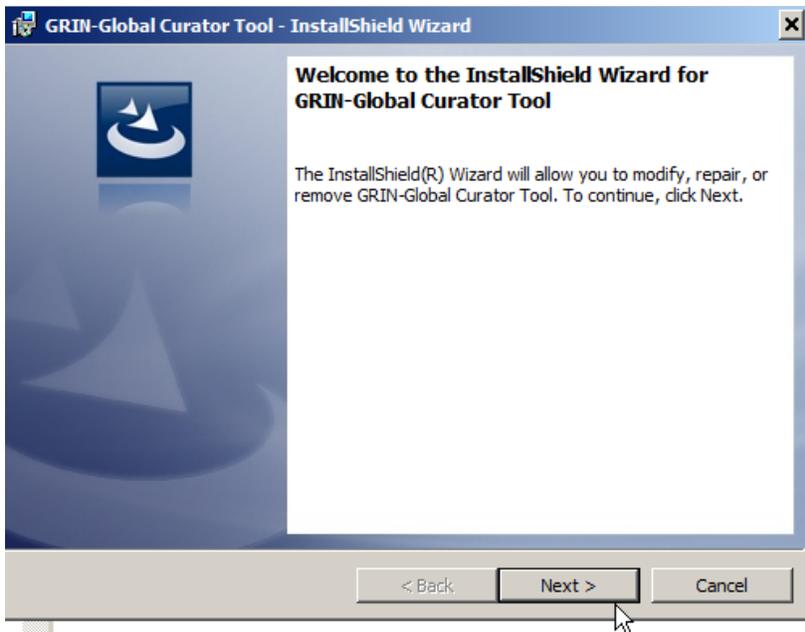
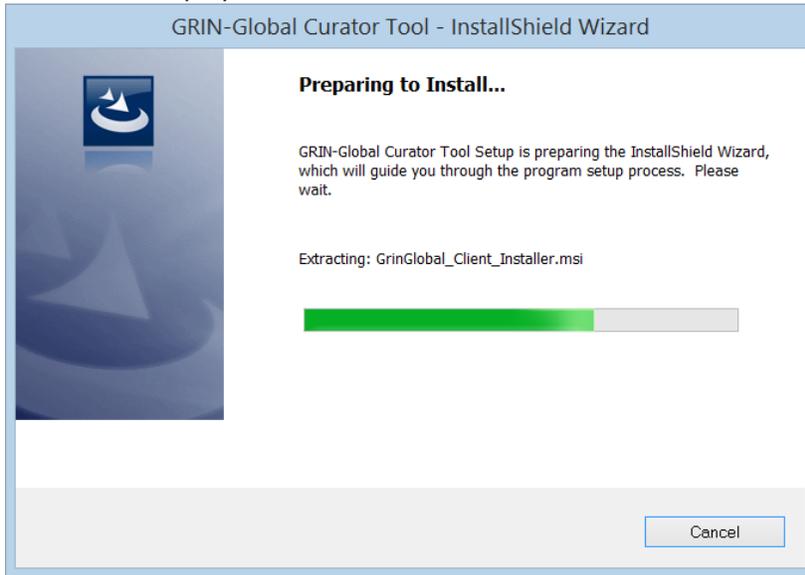
You most likely will see a warning which can be ignored:



In Windows 8.1, you may also see the following messages. Click on the **More Info** and then the **Run Anyway** links:

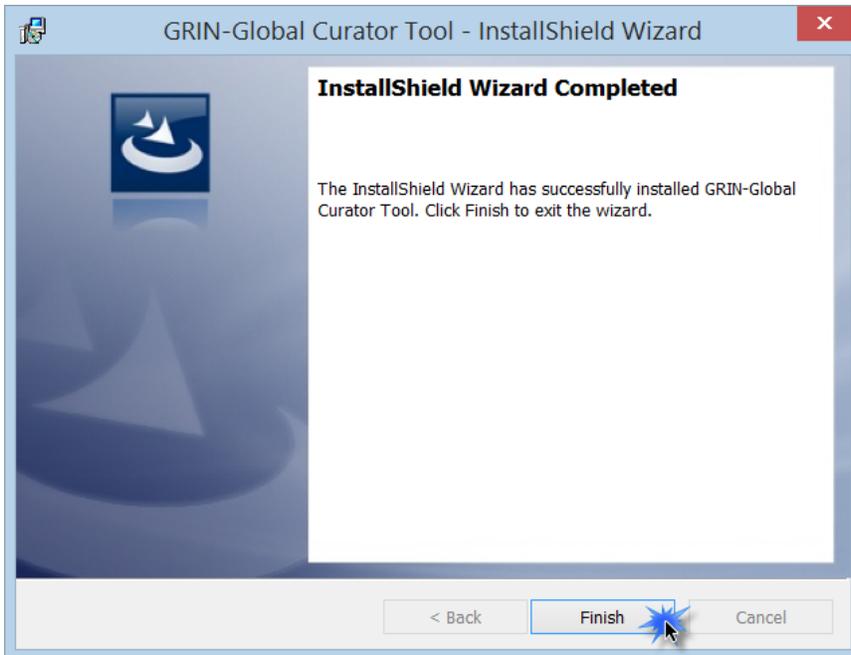
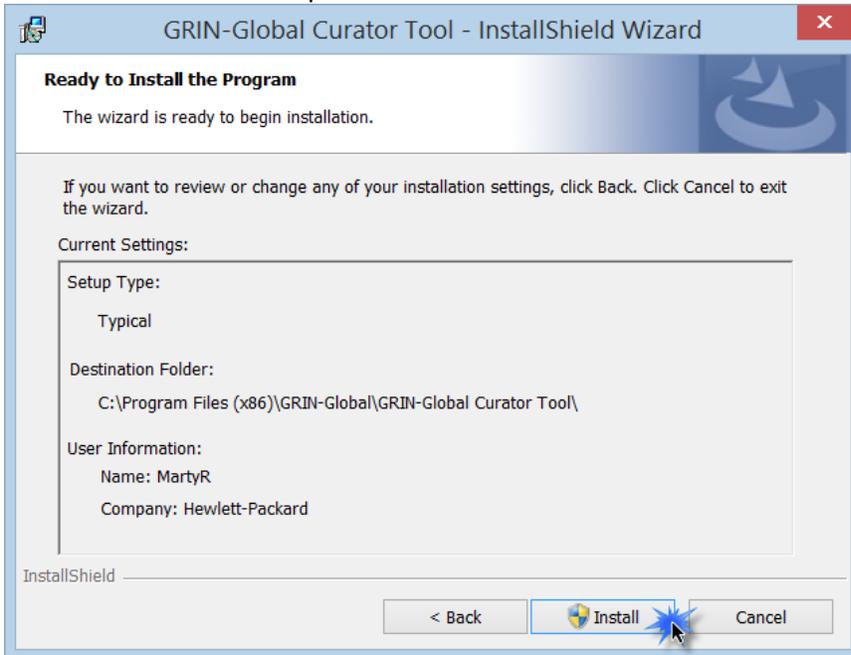


In whichever way you start the **GrinGlobal_Client_Installer.exe** file, it will start running and the initial window will display:

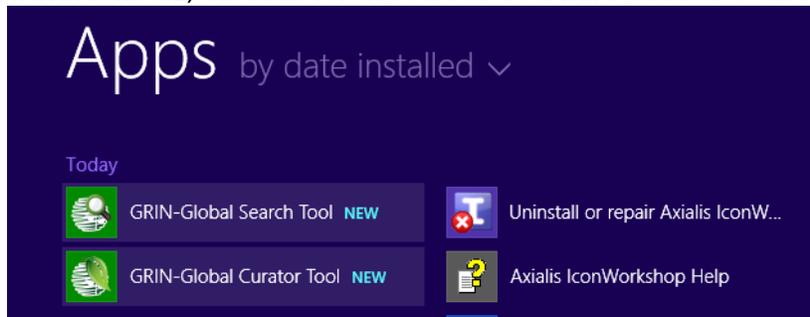


Typically you will continue the process by simply affirming the prompts – usually clicking on a series of **Next >** and other buttons.

Click the **Install** button to proceed:



In Windows 8.1, the icons for the Curator Tool will be added to the Apps list:



You can pin these to your Start screen (or similarly in Windows 7, to your Start menu.)

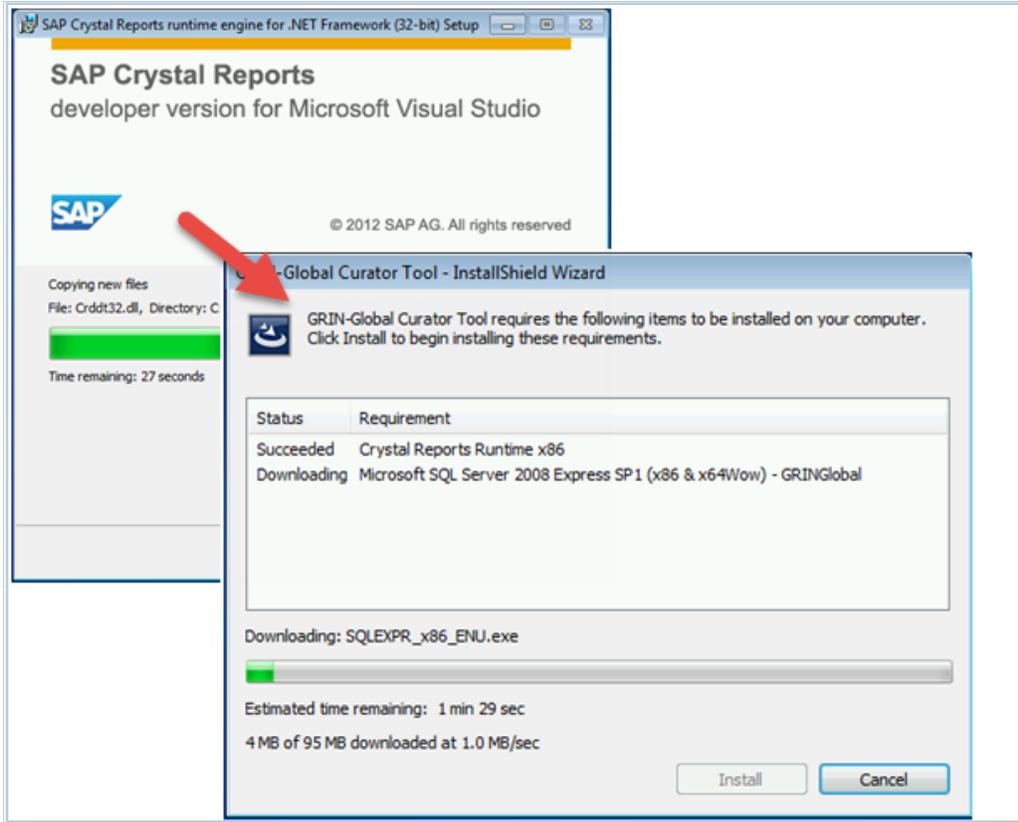
The directions following this page will be needed the first time the Curator Tool is installed on the PC. During the initial installation, not only is the CT installed, but also a copy of the Crystal Reports viewer and Microsoft's SQL Server Express – both are needed to use the CT.

To run the CT, you must connect to a server. Complete directions are included in the [Curator Tool User Guide](#), but also included here in the [Connect the CT to the Correct Server section](#).

For NPGS, the test server in 2014 is **npgsweb.ars-grin.gov**

Crystal Reports Installation

The CT uses a Crystal Reports viewer to display and print reports. A copy of the CR viewer is installed with the CT; in a CT update, the CR viewer is not reinstalled.

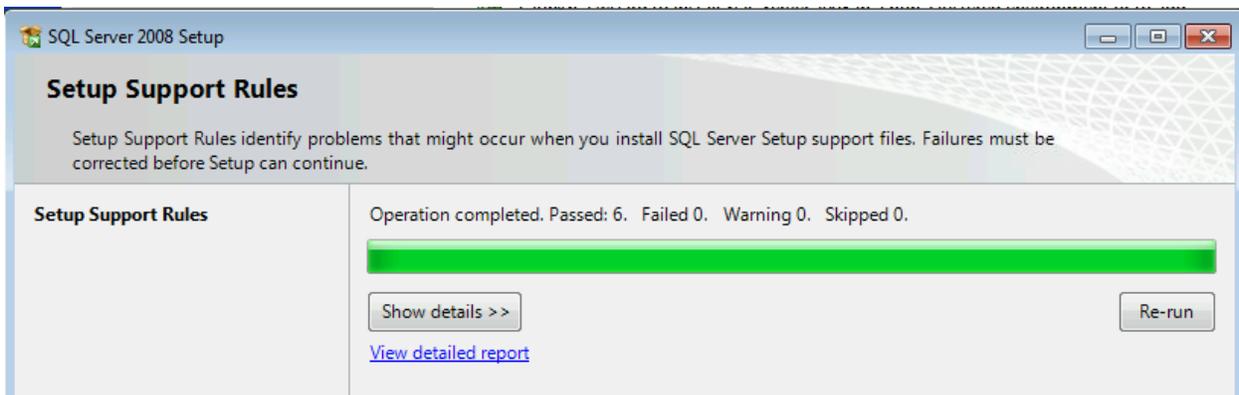
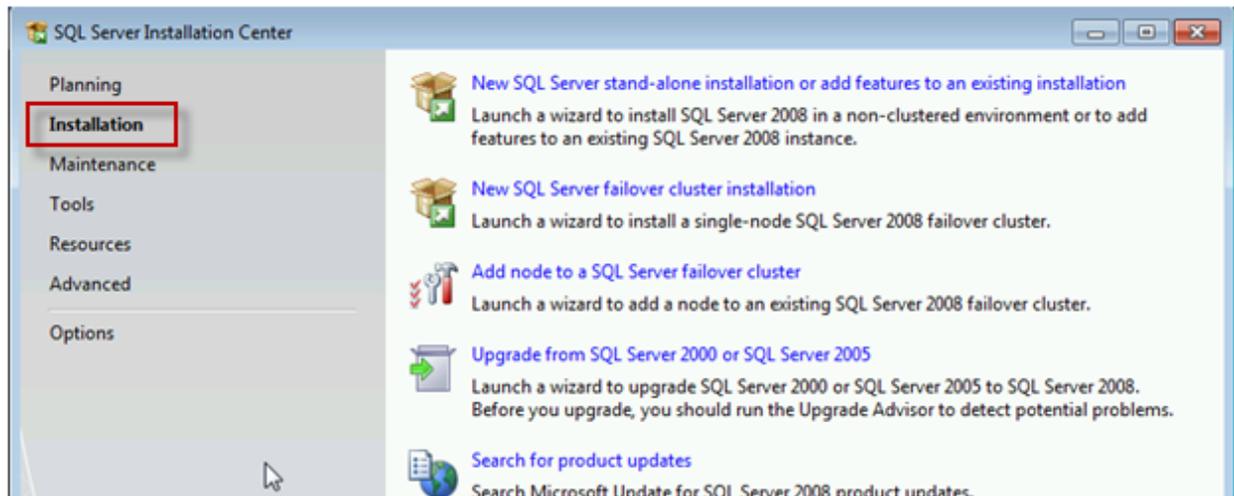


Microsoft SQL Server Express

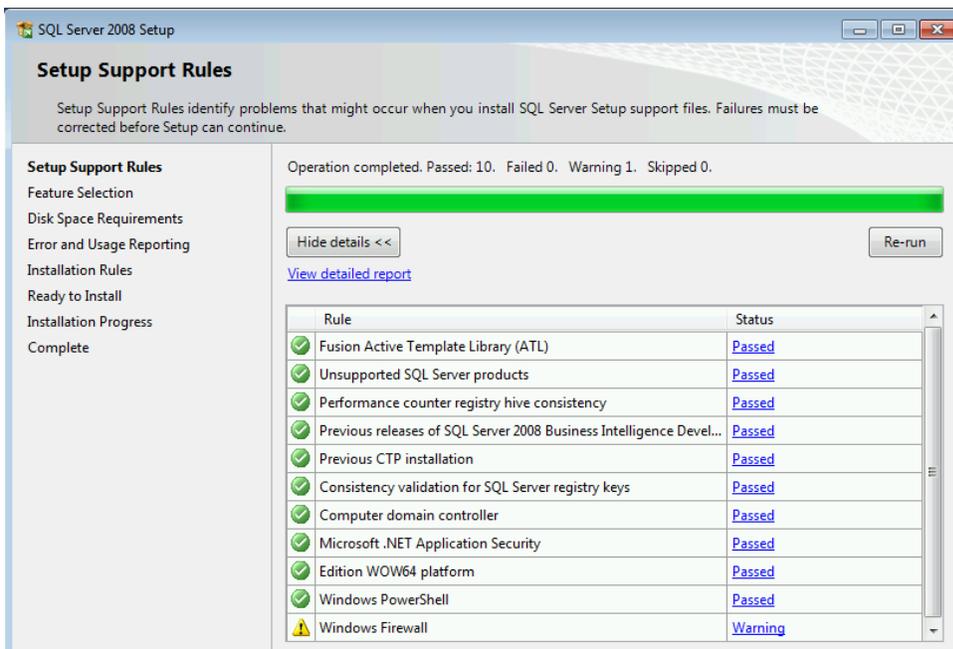
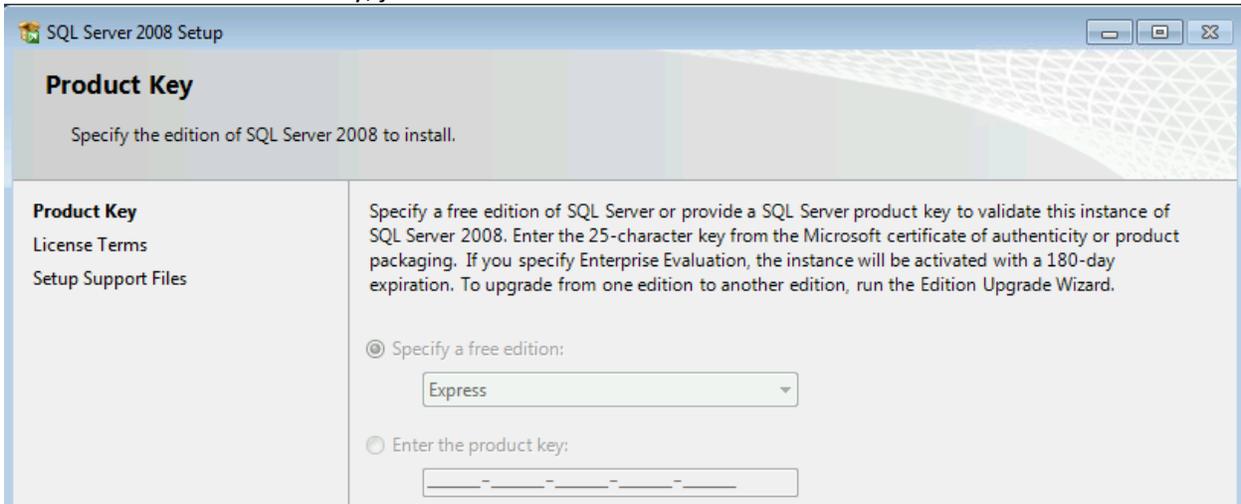
In order for the Curator Tool to operate, a copy of “SQL Server Express” must be installed on the PC. If SQL Server Express is already installed, it doesn’t reinstall – this step is simply bypassed by the CT installation procedure.

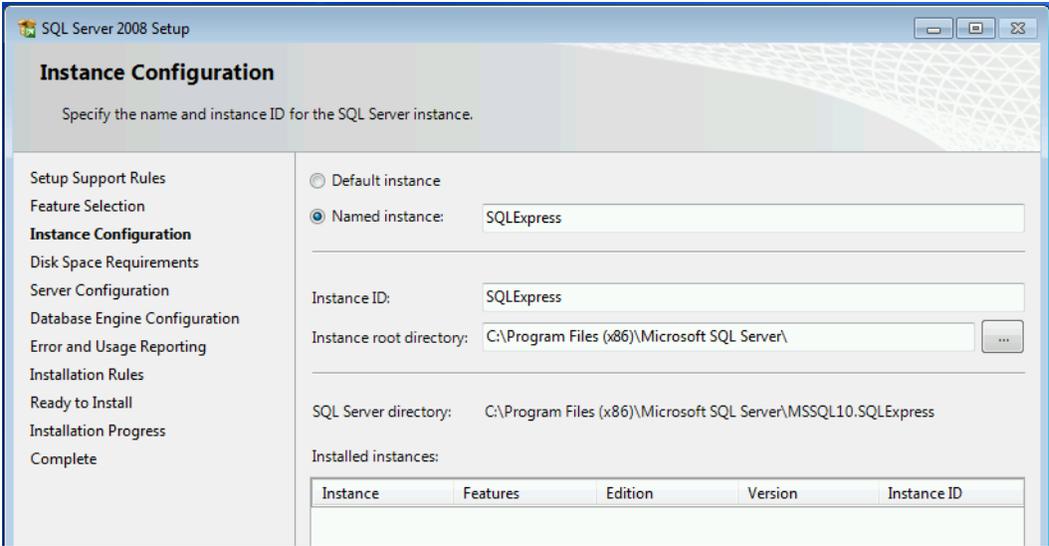
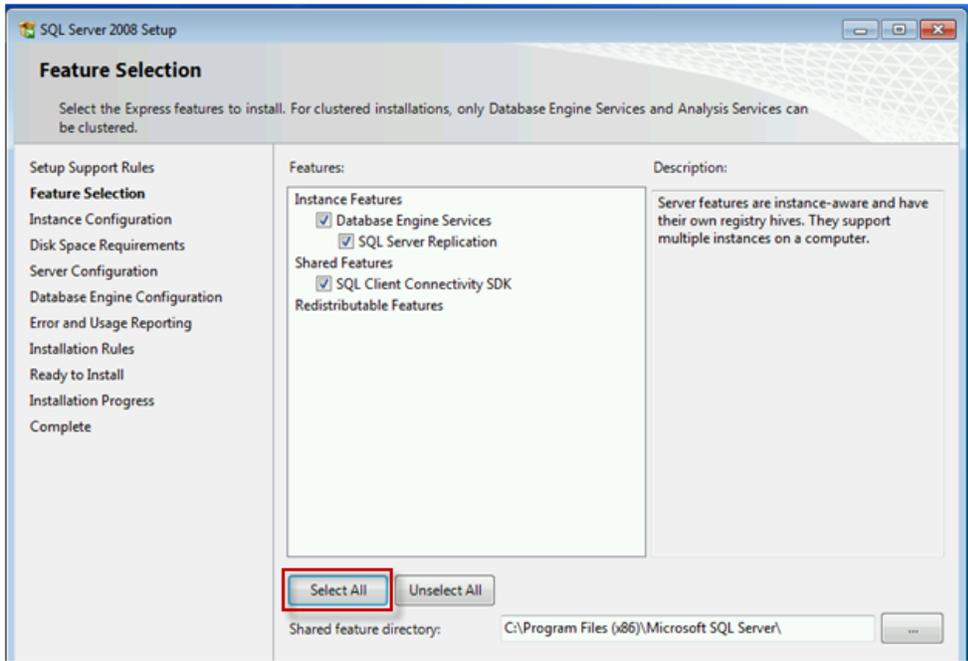
Multiple windows will be displayed during the process – many just require a **Next** button to be clicked. In the following series, all of the **Next** windows are not included; primarily the windows that require something other than selecting **Next** are included here.

Click **Installation**

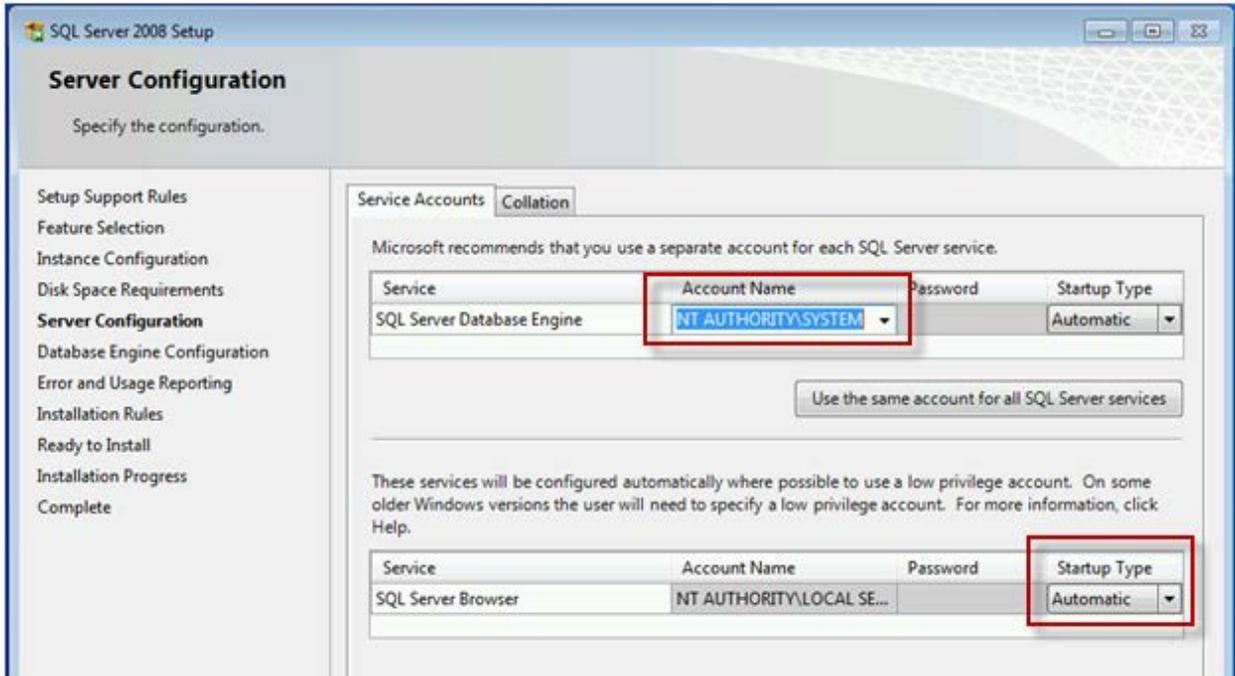


You do not need a Product Key; just click **Next** to continue:

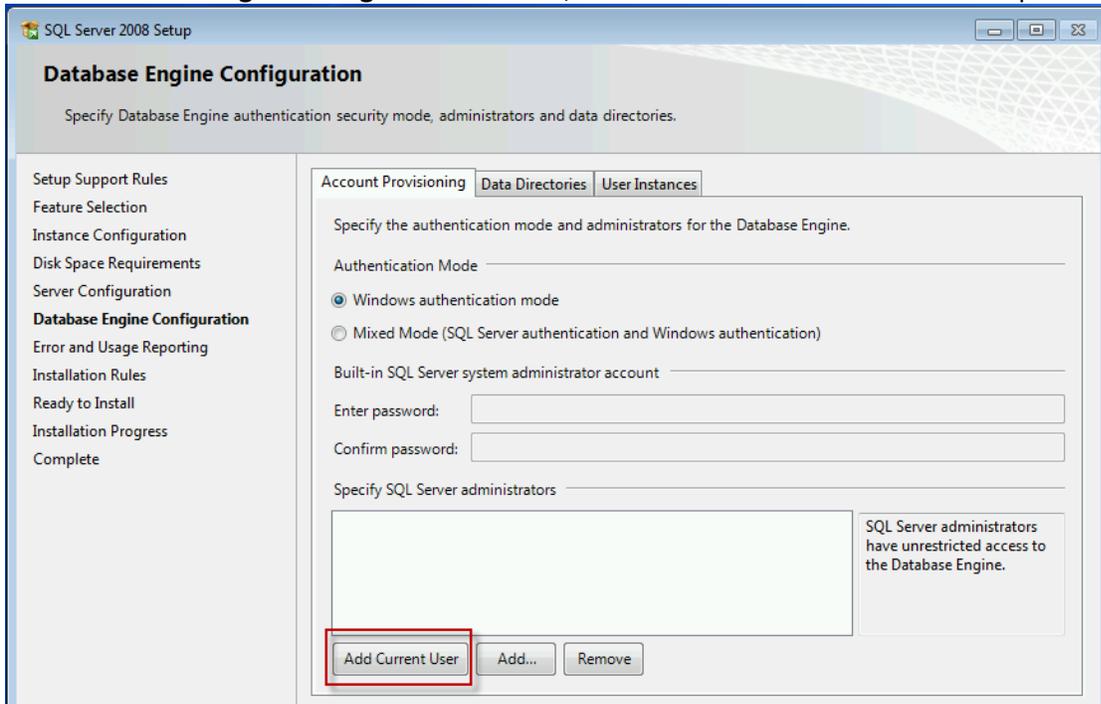




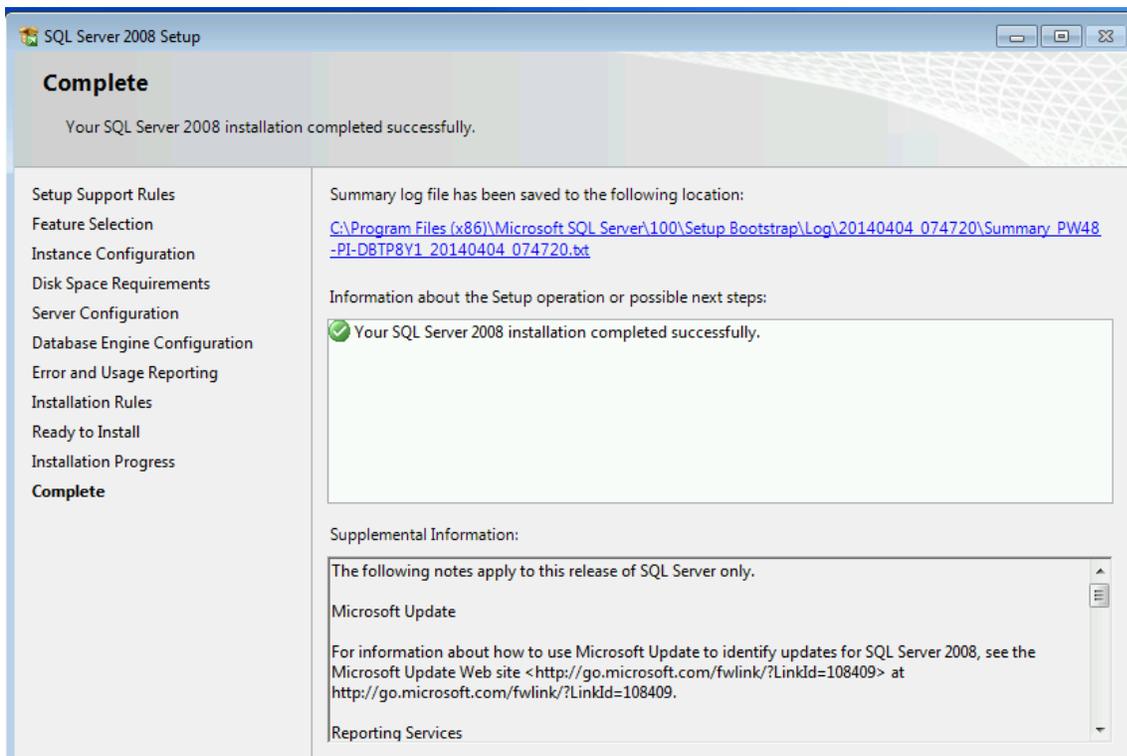
The next two windows may be perhaps the trickiest ones in the series. On the **Server Configuration** window, use the dropdowns and change them to be similar to the following example:



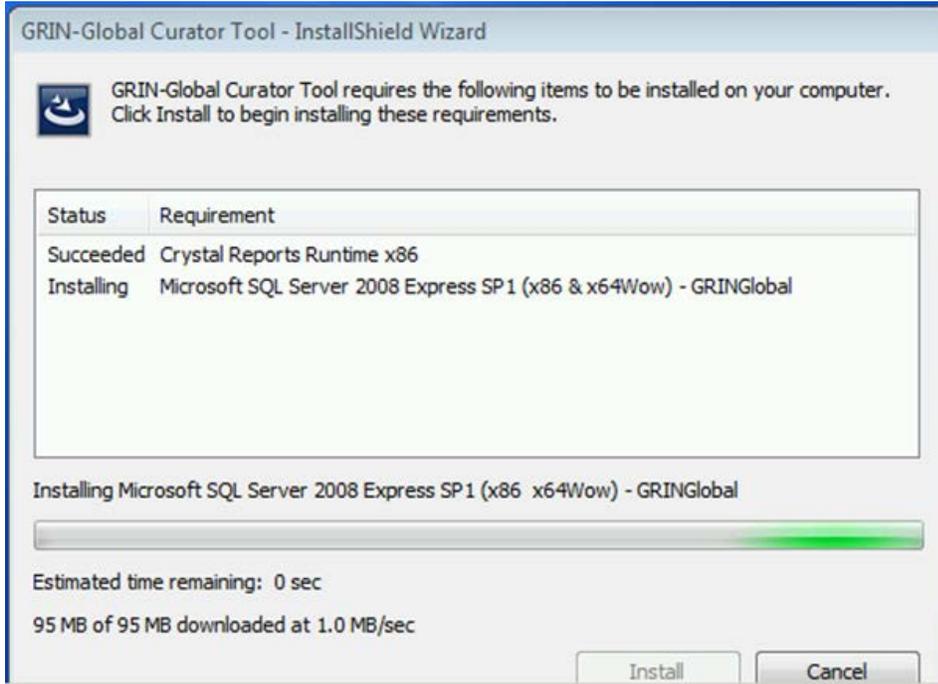
On the **Database Engine Configuration** window, click the **Add Current User** button to proceed:



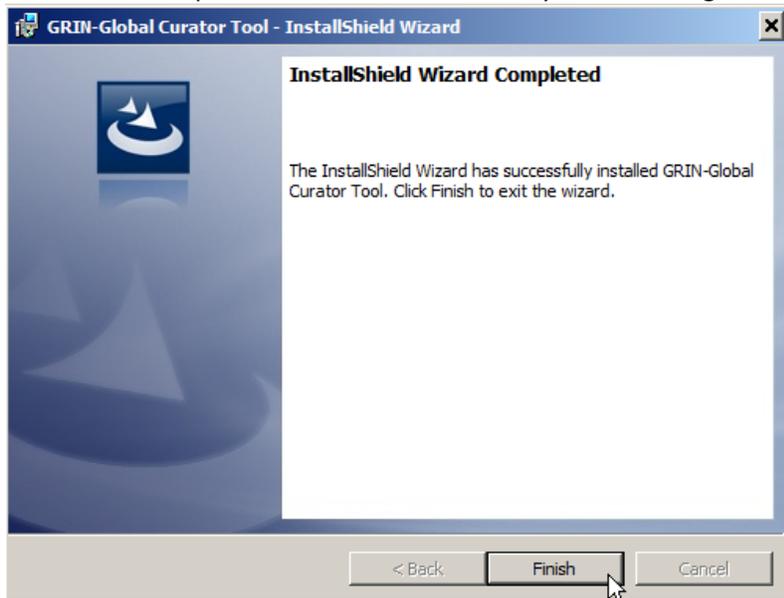
Several more windows display, and eventually the **Complete** window should display. Use its **Close** button.



If the Crystal Reports window seems to be “stuck,” invoke the Windows Task Manager (Ctrl + Alt + Delete), to end that CR task. In the following example, it appears that the 95 MB was loaded, remaining time is 0, yet the window “sort of stopped” at that point.



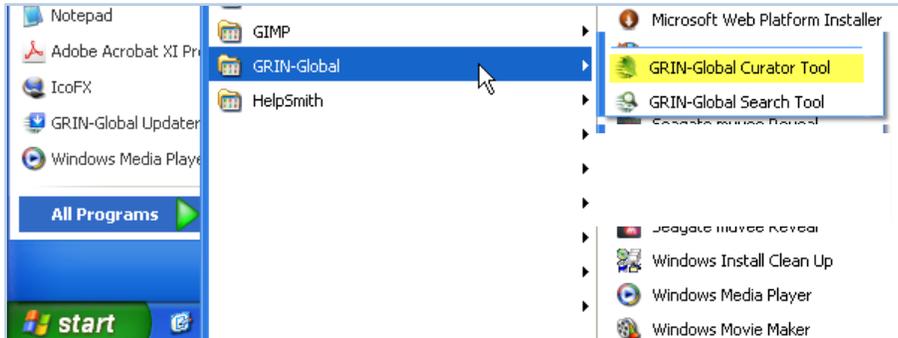
Restart the CT zip file, and almost immediately the following window will display:



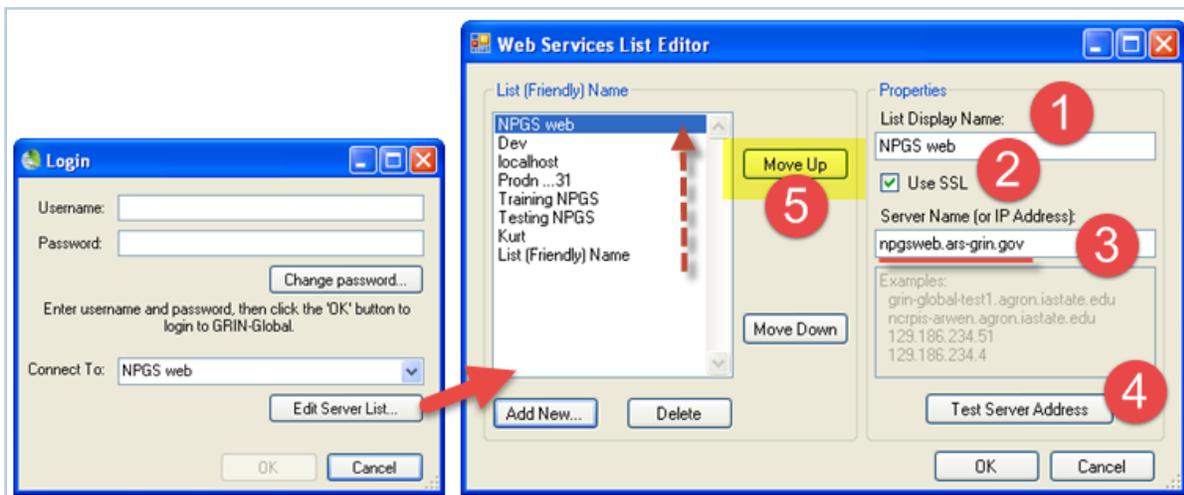
Connect the CT to the Correct Server

After the CT has been successfully installed, start the CT and establish a connection to the correct server. For NPGS, the server name is: **npgsweb.ars-grin.gov**

Start the CT from the Windows **Start** Button; click on **GRIN-Global**; click **GRIN-Global Curator Tool**:



When the Curator Tool starts running, its Login Screen will display. You should immediately click on the **Edit Server List** button:



The window has the title **Web Services List Editor**.

Steps	Description
1.	Input a name that you will recognize – this name will display on the Connect to box on the Login window.
2.	Check the SSL box
3.	Input server name: npgsweb.ars-grin.gov
4.	Click the Test Server Address button – you should receive a positive confirmation that the connection was successful
5.	You may have additional server names listed in the left box – use the Move Up button to have this npgsweb server be listed first (therefore becoming the default server)

Change Password

In NPGS, your **Username** is your complete email address. Click the **Change password...** button. Change it to USDA specifications: (12 characters, at least one must uppercase, 1 lowercase, 1 number, and 1 special character.)



As you input the **New Password**;, ignore the warning for “** New and Confirm passwords do not match **” until you complete typing the entry for the **Confirm Password**: click **OK**.



NPGS Password Guidelines

Beginning with CT version 1.9.4, the user name is the user’s email address.

Passwords

Passwords must follow the current ARS guidelines:

- 12 characters minimum
- at least one of each are required: upper case, lower case, digit, and special character
- passwords can change only once per day
- five failed logins initiates a temporary lockout for 15 minutes

If a password is forgotten, the GG administrator must be contacted (to create a new one).

Logging on to the CT

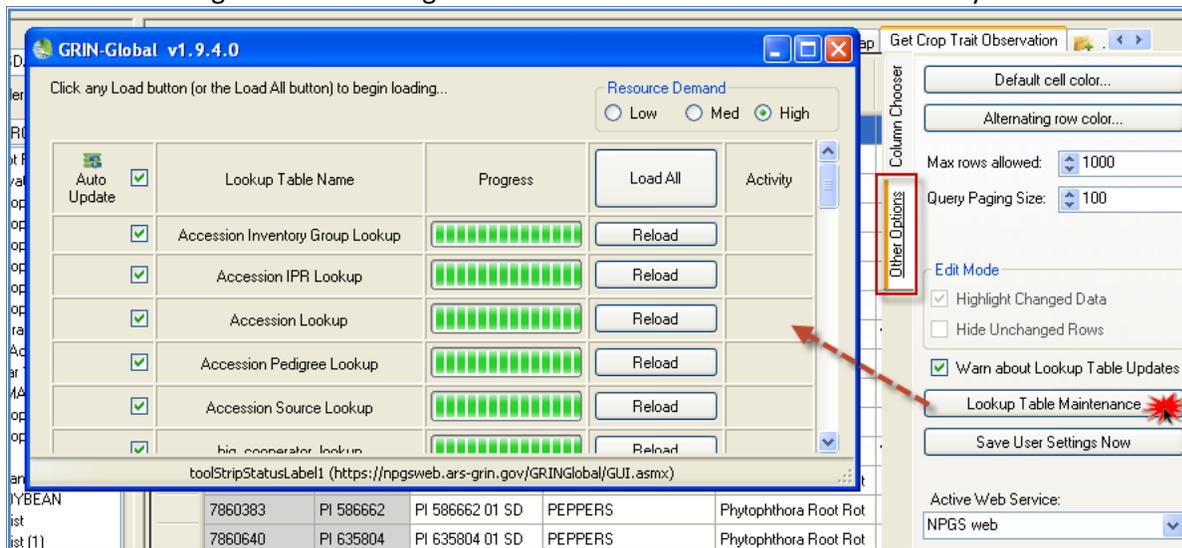


For NPGS, VPN or being on the ARS network is *not* required.

Update Lookup Tables

With any new release of the Curator Tool, during your initial log in you may be prompted to update your lookup tables. Do so. You can momentarily bypass the updating, but this is not recommended. Answer “Yes” to the prompt, and allow the **Lookup Table Loader** window to display. Click the **Load All** button.

However, if needed at a later time, click on the **Other Options** tab on the right of the datagrid; click the **Lookup Table Maintenance** button. After the initial loading, it is very rare that you will need to click the **Load All** button again. Avoid clicking that whenever some of the tables are already loaded:



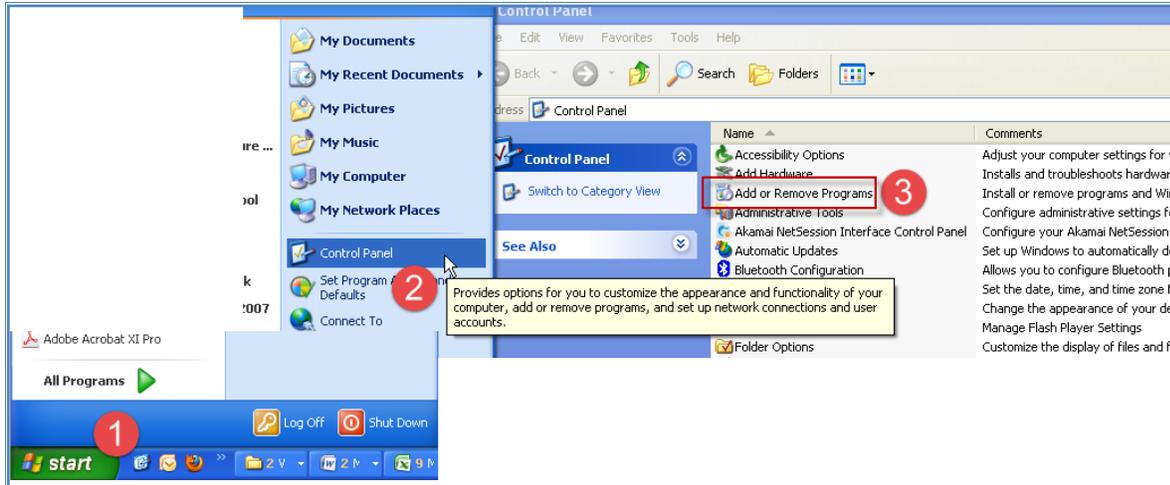
During the testing phase of GRIN-Global, in each new “build” we are overlaying copies of the GRIN production database on top of the GG database. This will not be true in the production environment, since of course GG will be the production database.

While in the testing phase, whenever there is a new build, you should update *all* of your lookup tables so that they synchronize with the new data. Otherwise the lookups will be very, very strange!

Uninstalling the Existing CT

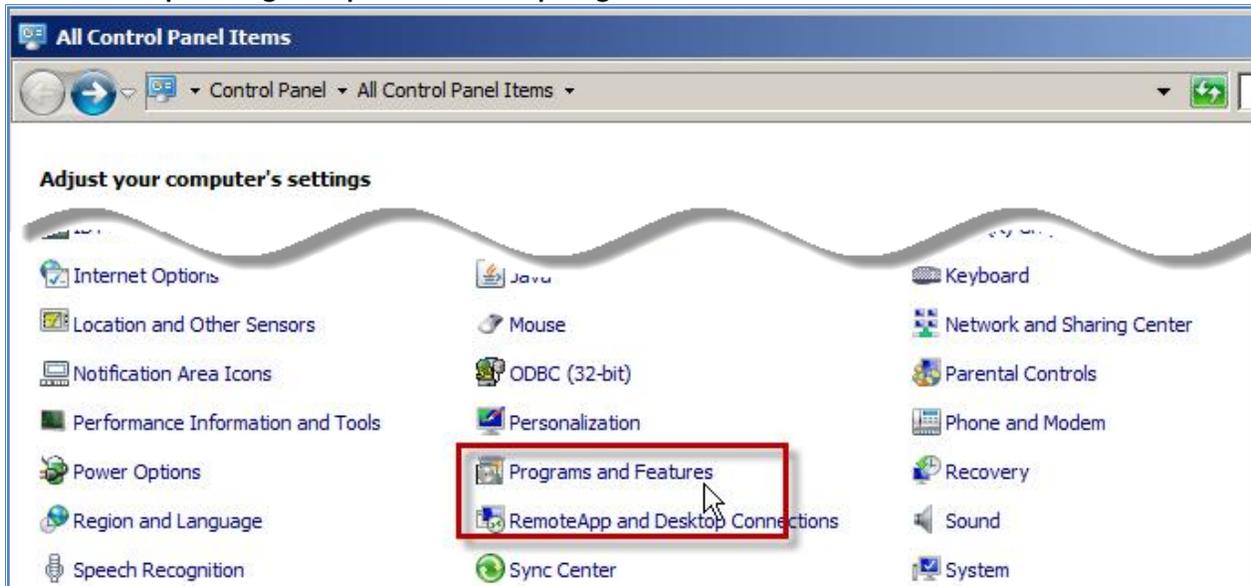
(CT Versions 1.8.x and older) Use the Windows Control Panel (Recommended option)

Windows XP



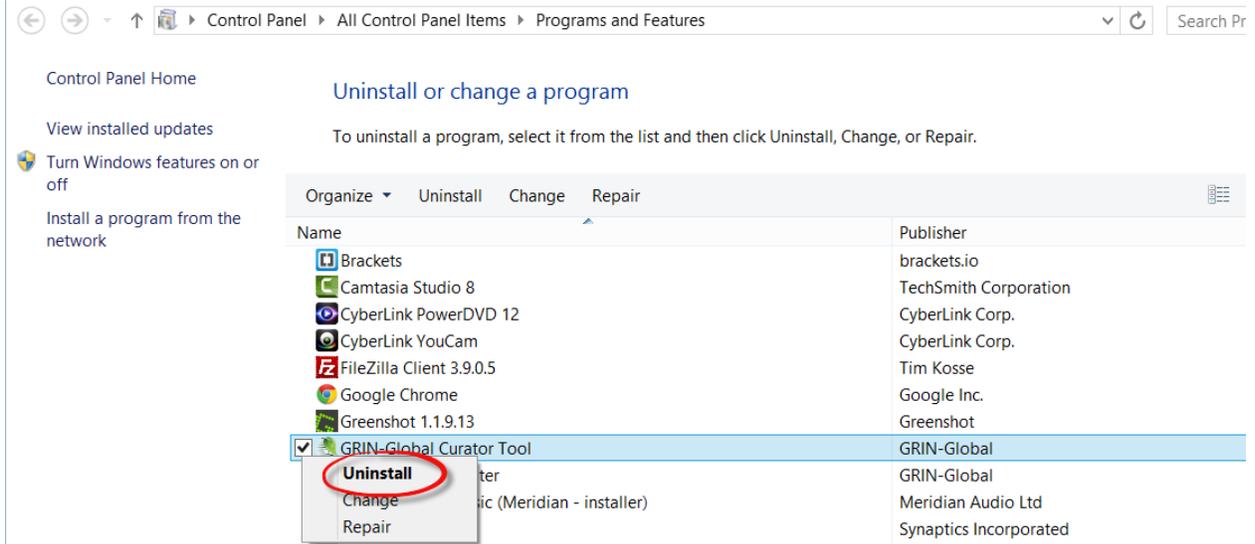
Windows 7

Select **Start | All Programs | Control Panel | Programs and Features**



Windows 8.1

At the Start window, type **Uninstall a program** – locate the GRIN-Global Curator Tool, right-click, and then select **Uninstall**.



Appendix: Changes in this Document

– November 14, 2014

- added additional warnings from 8.1