Software update service – User guide

Referred to software version 1.0.0-45.

Summary

General information

The software setup service is made to access the Robox products catalog in a simple and organized way. It can be used to see the full list of products and software versions developed by Robox; and to receive any update for currently in development software.

The service is split in two halves: the showcase for software and updates selection and the engine to execute them.

Once the desired operations are marked for application (whether updates or upgrades) the second half of the service will take care of downloading and executing the setup of the packages automatically. The new installations will be placed in the default Robox folder (C:\Robox\), to install these packages into a different path please see the example "Install packages in a different folder" in this documentation.

The files downloaded automatically during the update/install procedure will be stored in the ProgramData folder (usually C:\ProgramData\Robox\Rsetup\cache).

Download and install RSETUP

The service setup package can be downloaded at the URL http://www.robox.it/download/rsetup-redist.exe

1. Execute the program "rsetup-redist.exe" downloaded from the previous URL.
2. If *Windows Defender* intervenes and blocks the execution of the setup as in the image below proceed with the listed steps, otherwise skip to point **4**.
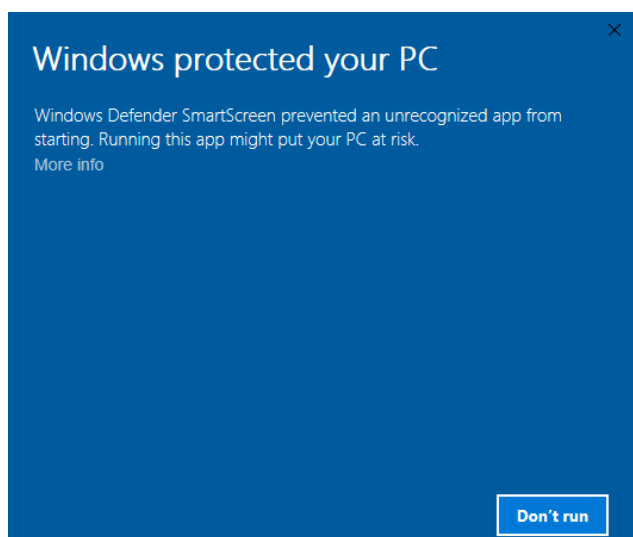
3. To proceed with the installation, click on "More info" and then "Run anyway".
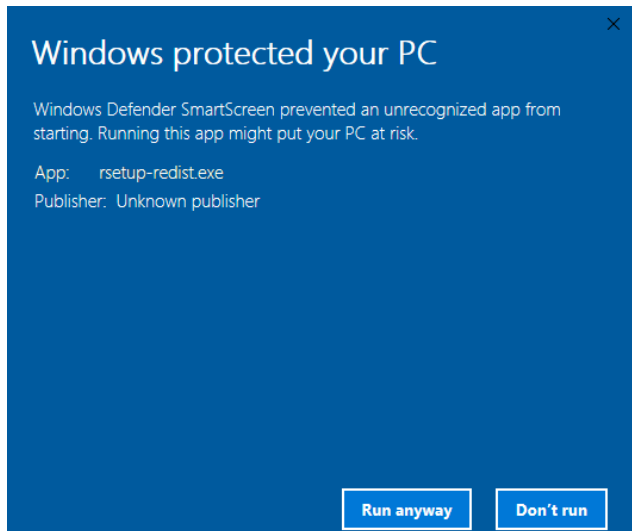
4. In the first window that appears, please choose the language for the installation (for example "English"), then press "OK", otherwise "Cancel" to exit the setup (this option is available at every step of the setup).
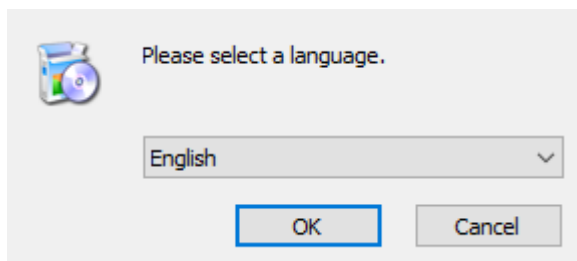
5. In the next window press "Next" to go on.

6. In the next window please mark the box "I accept the terms of the License Agreement" (as shown in the image) and then press "Next". In this way you accept the License Agreement. It is not possible to proceed without accepting the Licence Agreement.

License Agreement
Please review the license terms before installing RSETUP v1.0.0.

Press Page Down to see the rest of the agreement.

ROBOX PROGRAM LICENSE AGREEMENT

To obtain more information, please contact sales@robox.it or take a tour on our web site at http://www.robox.it.
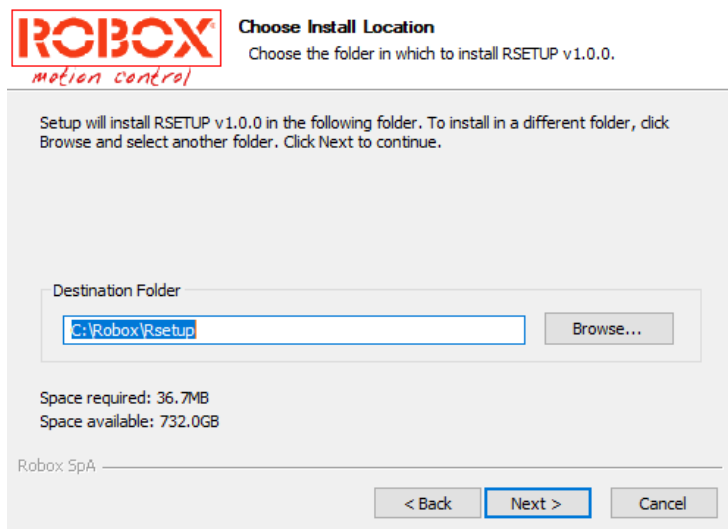
Please review the following terms and conditions carefully before using the software provided with this license. In the event that you do not agree with any of these terms and conditions, do not proceed with the installation of this software

If you accept the terms of the agreement, click the check box below. You must accept the agreement to install RSETUP v1.0.0. Click Next to continue.

☑ I accept the terms of the License Agreement

Robox SpA

< Back   Next >   Cancel

7. In the next window you can choose, pressing the button "Browse", the path (folder on the hard disk) where *RSetup* will be installed. We advise leaving the path suggested (C:\Robox\Rsetup\). Press "Next" when the folder is ok.

Choose Install Location
Choose the folder in which to install RSETUP v1.0.0.

Setup will install RSETUP v1.0.0 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder

C:\Robox\Rsetup   Browse...

Space required: 36.7MB
Space available: 732.0GB

Robox SpA

< Back   Next >   Cancel

8. In the next window you can choose the start menu folder to put the links to the program. We advise you to leave the suggested path. Then press "Install" to start the setup.

9. At the end of the setup the closure window will be displayed. Press "Close" to finish the setup. On the desktop will be created the link to *RSetup*.

10. If the default paths have been kept, the folder structure that will be created is the following:

Install folder

Use of RSETUP

To execute *RSetup*, you can use the link generated on the Desktop during the setup or, from the installation folder chosen, the program rsetup.exe.
Once started the program will show the operations it is doing.
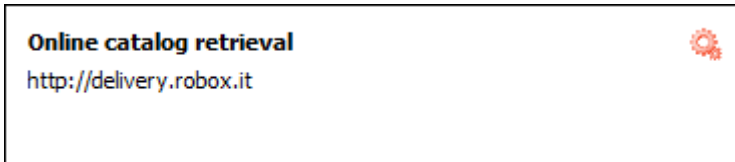
The first operation will be to try to retrieve, through an internet connection to Robox server, a file containing data from which gather the information about the available Robox products.
Once this data is obtained, *RSetup*, will be able to search in the local machine which installations of the Robox products are present; if there are none present it will ask you to display the full product catalog.

The view about the available product will change based on which products are already installed.
Based on the products already installed in the local machine, it will propose updates (patches), or upgrades for the new version released of an installed product. If a "beta" version is available it will be clearly notified, both in the list and in the information linked to it.
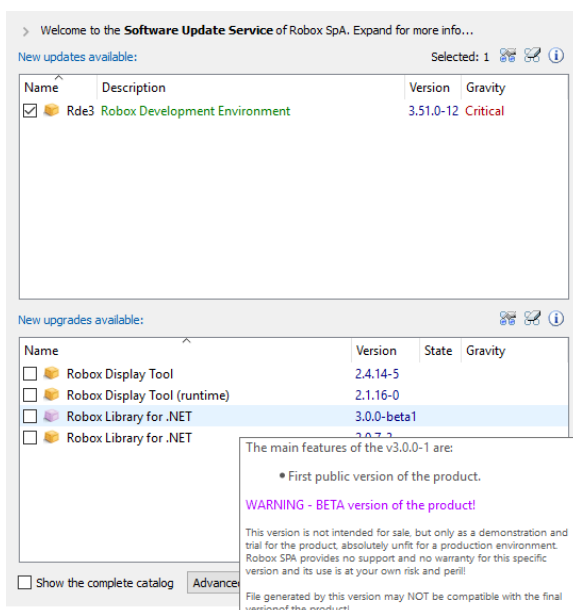

Figure 1: Example of Rsetup in action, with tooltip for version "beta" of a product.

The files downloaded automatically during the update/install procedure will be stored in the ProgramData folder (usually C:\ProgramData\Robox\Rsetup\cache).

Information about the products

If you want to know more information about one product (or release of a product, or a suggested update):

1. select it in the list.

2. Then press the button ⓘ above the list. It will display a small window with all the information about the selected product (or release or update).
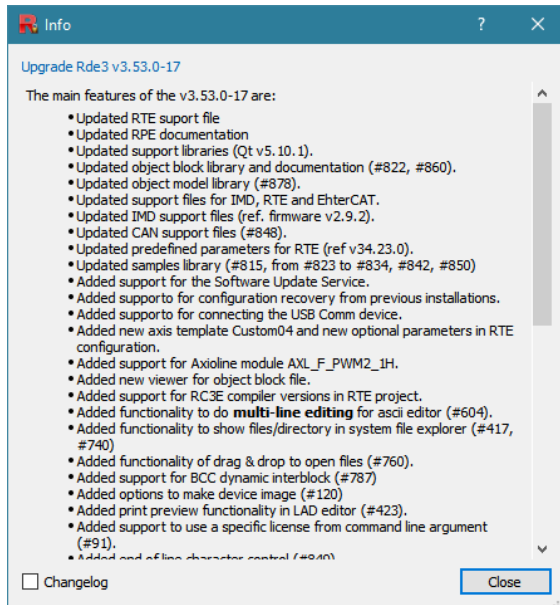
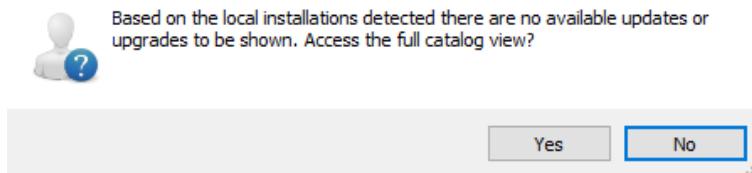3. If patches for a specific release are available, you can toggle the window to display the changelog for that release.
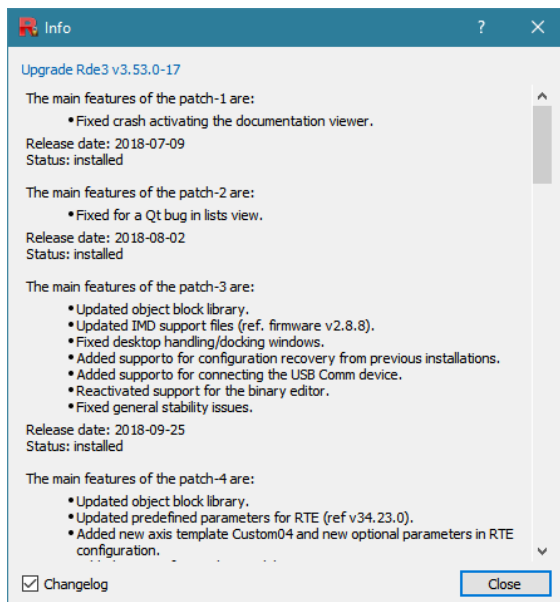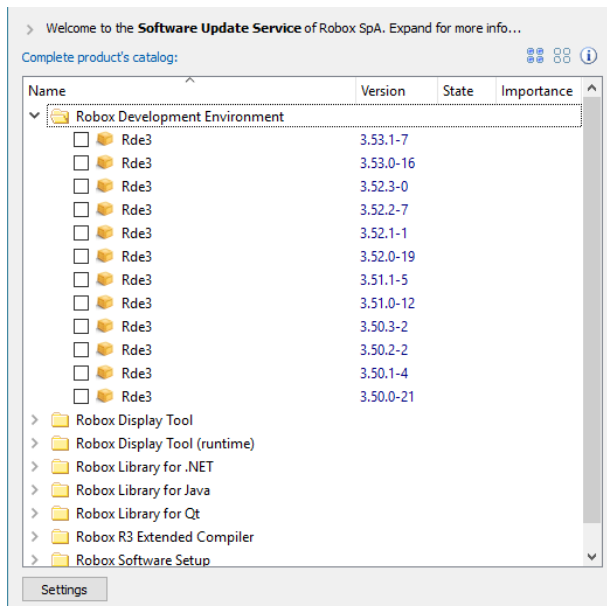
Example – Installing RDE

To install a version of RDE, run *RSetup* as first thing.

1. From the link created on the desktop during installation or from its installation folder through rsetup.exe. If there are no Robox products available on the local system you will be asked to access the full list view, agree to see all the releases of RDE available.
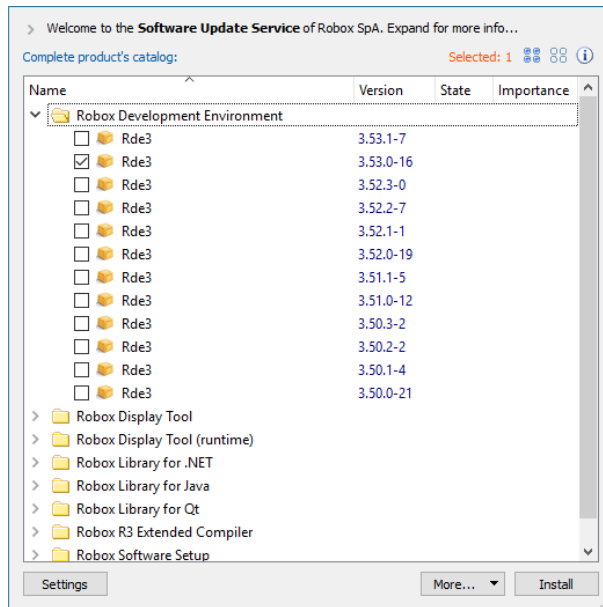
Based on the local installations detected there are no available updates or upgrades to be shown. Access the full catalog view?

| | Yes | No |

2. The program should display a folder structure for each product family. Open the "Robox Development Environment" level. The available versions will be displayed ordered by release date from the most recent to the oldest, the specific version can be seen in the specific column.

Welcome to the **Software Update Service** of Robox SpA. Expand for more info…

Complete product's catalog:

Name	Version	State	Importance
∨ 📁 Robox Development Environment			
☐ 📦 Rde3	3.53.1-7		
☐ 📦 Rde3	3.53.0-16		
☐ 📦 Rde3	3.52.3-0		
☐ 📦 Rde3	3.52.2-7		
☐ 📦 Rde3	3.52.1-1		
☐ 📦 Rde3	3.52.0-19		
☐ 📦 Rde3	3.51.1-5		
☐ 📦 Rde3	3.51.0-12		
☐ 📦 Rde3	3.50.3-2		
☐ 📦 Rde3	3.50.2-2		
☐ 📦 Rde3	3.50.1-4		
☐ 📦 Rde3	3.50.0-21		
> 📁 Robox Display Tool			
> 📁 Robox Display Tool (runtime)			
> 📁 Robox Library for .NET			
> 📁 Robox Library for Java			
> 📁 Robox Library for Qt			
> 📁 Robox R3 Extended Compiler			
> 📁 Robox Software Setup			

Settings

3. To select a version to install just put a mark on the checkbox.


4. When at least a product is selected the "Install" button will appear, in the lower right corner. Once pressed it will display a further menu with actions to choose form, select "Install" again. It will ask confirmation for the operations selected.
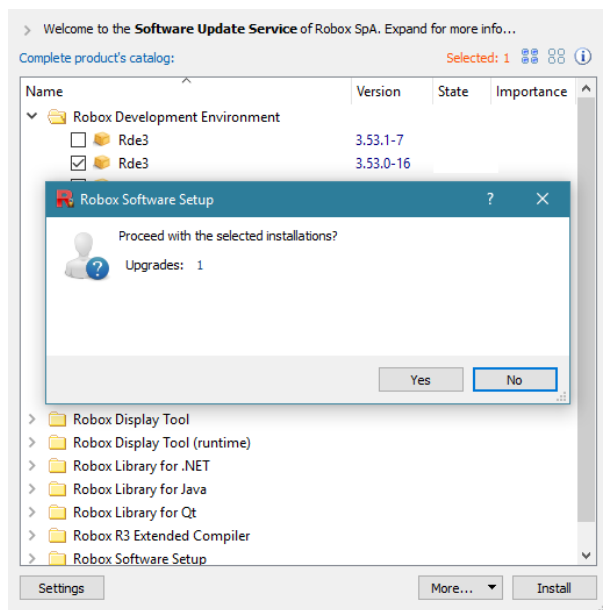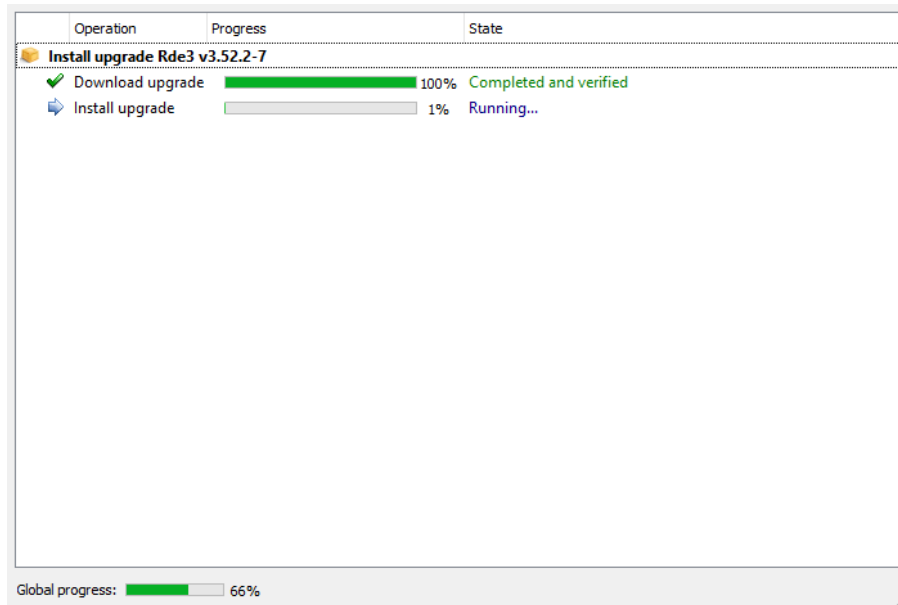
5. You will be asked to agree to the software use license. Agree to the conditions and continue.
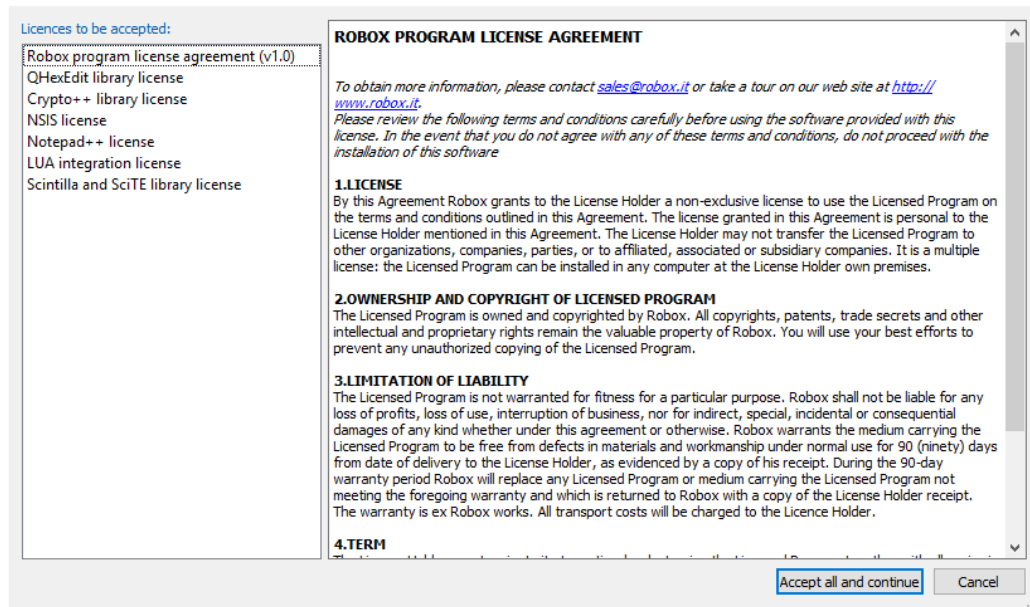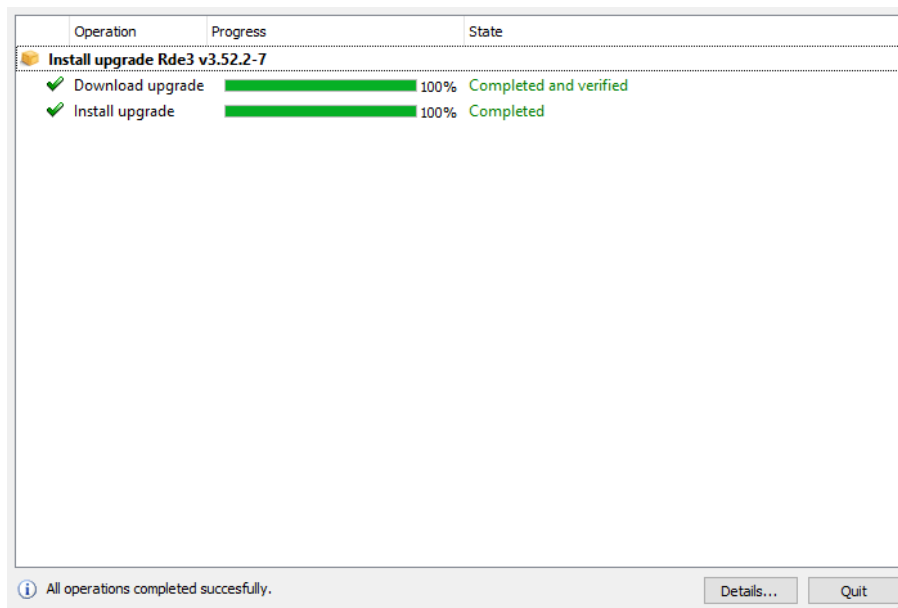

6. At this point the service engine, *RSusEngine*, will be executed and it will retrieve the setup packages and will install them sequentially and automatically.
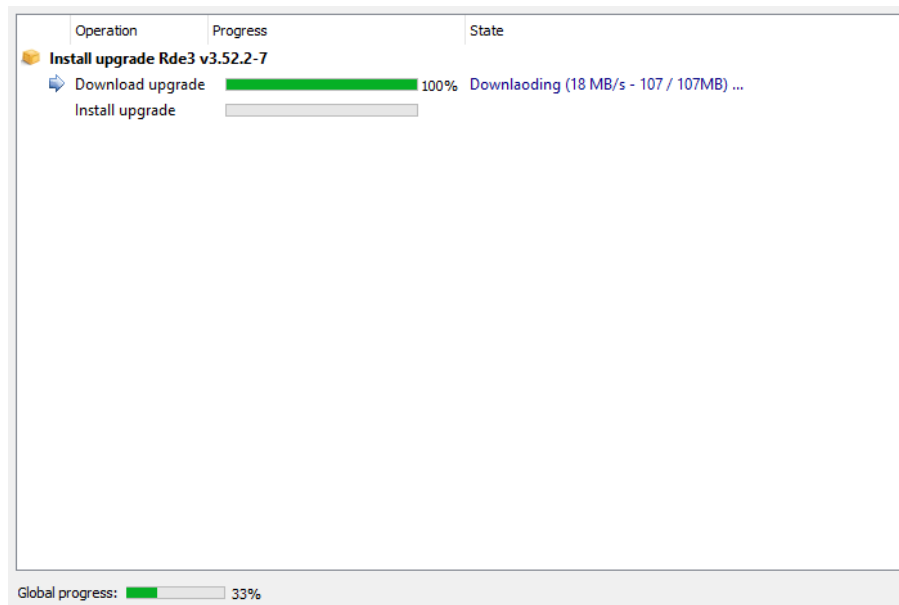
7. At the end of each download, the file will be verified to ensure the integrity of the file.


Operation	Progress	State
📁 Install upgrade Rde3 v3.52.2-7		
✔ Download upgrade	▰▰▰▰▰ 100%	Completed and verified
➡ Install upgrade	▱ 1%	Running...

Global progress: ▰▰▰ 66%

8. When all operations are completed it will be possible to review all operations applied, or to simply end the program.

| Operation	Progress	State
📁 Install upgrade Rde3 v3.52.2-7		
✔ Download upgrade	▰▰▰▰▰ 100%	Completed and verified
✔ Install upgrade	▰▰▰▰▰ 100%	Completed

ⓘ All operations completed succesfully.   [Details...] [Quit]

To update an RDE installation simply run *RSetup*.

1. From the link created on the desktop during installation or from its installation folder through rsetup.exe.

2. If any update is available for RDE you will see a window like the one below, a list of products that can be updated with the gravity of each update displayed. Automatically, updates, are selected for installation.
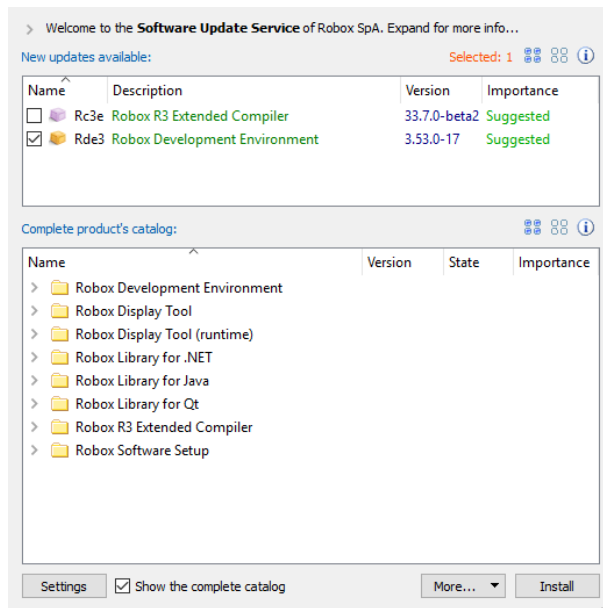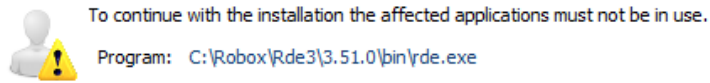

3. Pressing "Install" will display a menu, choose again "Install". It will ask confirmation for the operations selected.
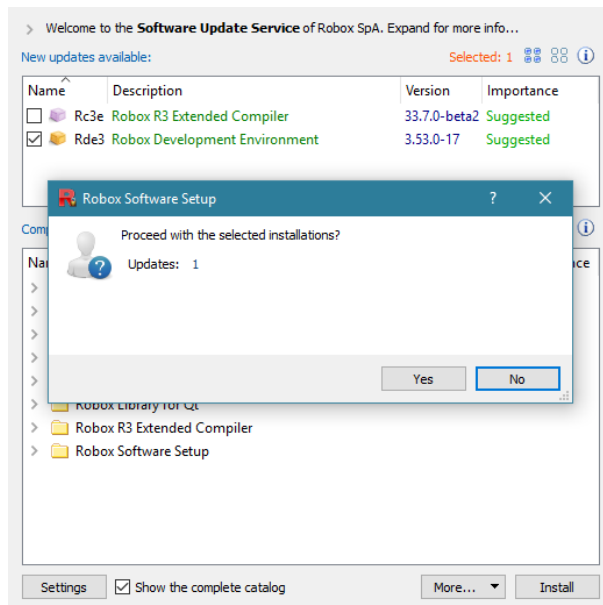
4. At this point the service engine, *RSusEngine*, will be executed and it will proceed with the download of the available patches to update the local machine build of RDE to the most recent. It could have to download multiple patches to apply in sequence, in that case each patch will be applied before downloading the next one.

5. If you are trying to update a program while using it, *RSusEngine* will pause asking to close the program.

> To continue with the installation the affected applications must not be in use.
>
> Program: C:\Robox\Rde3\3.51.0\bin\rde.exe
>
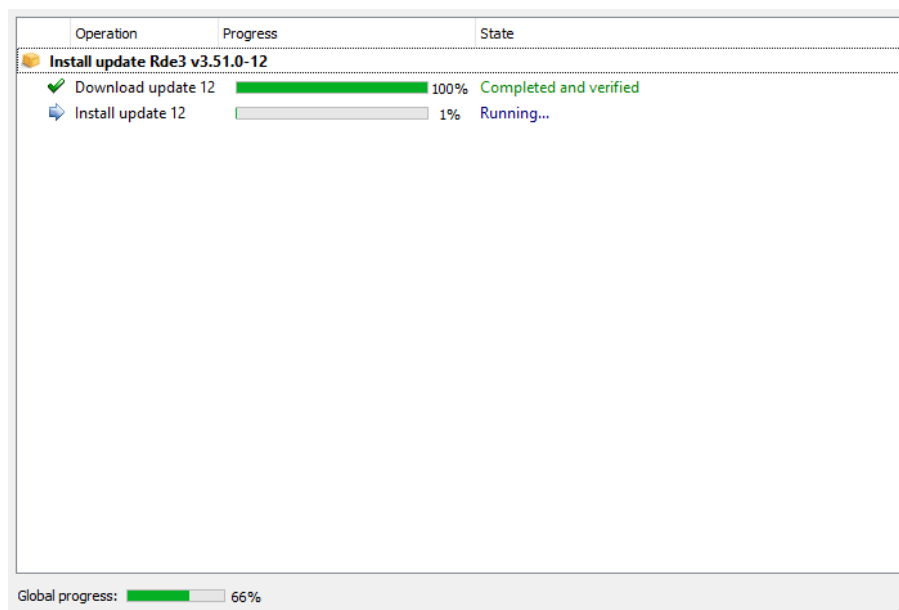> Close all the affected applications and try again.
>
> [Retry]   [Abort]

> **Wait**
> Waiting for the affected products to end...

6. As soon as the programs are no longer in use, *RSusEngine* will start again.

| Operation	Progress		State
Install update Rde3 v3.51.0-12			
✔ Download update 12	████████████	100%	Completed and verified
➡ Install update 12	▭	1%	Running...

Global progress: ████████ 66%

7. When the list of patches has been applied you can review the operations that have been done, or simply end the program.
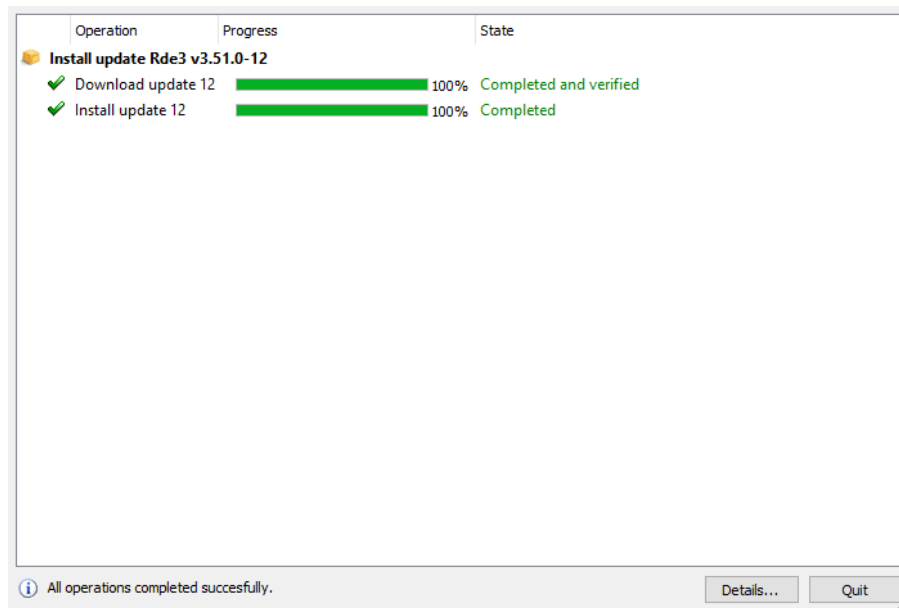
Example – Uninstalling multiple versions of RDE

To uninstall multiple RDE installations simply run *RSetup*.

1. From the link created on the desktop during installation or from its installation folder through rsetup.exe.
2. If you select only packages that have been confirmed as installed (see picture below), an "More" button will be displayed, press it and select "Uninstall packages".
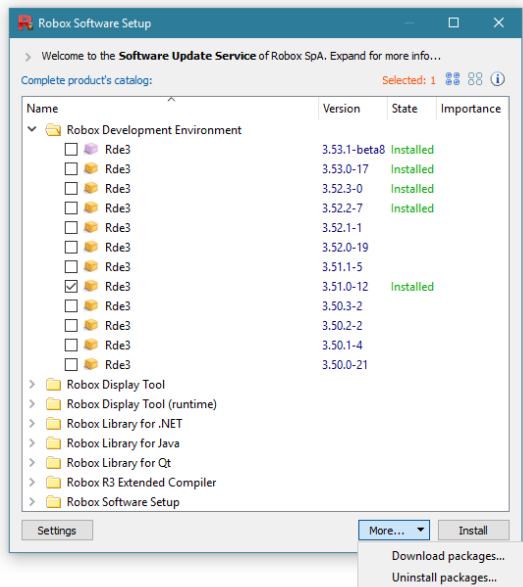
3. Pressing "Uninstall packages" will ask for confirmation for the operations selected.
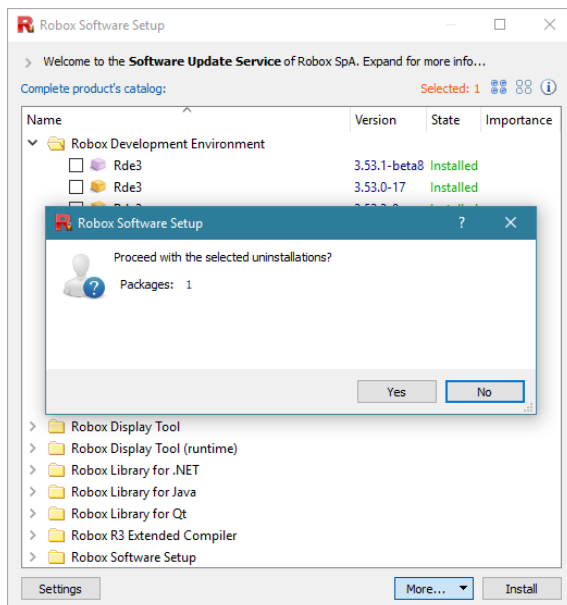
4. At this point the service engine, *RSusEngine*, will be executed and it will proceed with the execution of the uninstall program of each installation (if such file is to be found).

5. If you are trying to update program in use *RSusEngine* will pause asking to close the programs.

To continue with the installation the affected applications must not be in use.

Program: C:\Robox\Rde3\3.51.0\bin\rde.exe

Close all the affected applications and try again.

Retry	Abort

Wait

Waiting for the affected products to end...

6. As soon as the programs are no longer in use, *RSusEngine* will start again.

7. When the list of uninstallations has been completed you can review the operations that have been done, or simply end the program.

Example – Hide suggested new packages

It's possible to ignore some new packages versions suggested automatically at the start of *Rsetup*, so that, the next time, at the automatic execution of the application these new packages will not be shown and then the window itself will not be displayed, if there are no other update or new package.

1. In the "New packages" view in the lower half of the main window, when new packages are selected the button 🚫👁 will be enabled.

2. Pressing the button will make a list of ignored packages, that will be stored with the application data, so that they will not be displayed as suggestions, these packages will still be visible in the full catalog view and will have the label "Hidden" next to their name.

∨ 📁 Robox Display Tool (runtime)		
☐ 📦 Rtm	2.1.16-0	Hidden
☐ 📦 Rtm	2.1.15-0	
☐ 📦 Rtm	2.1.14-0	Installed

3. To manage the list of hidden packages, open the application "Settings" with the button on the lower left of the main window.

    Preferences
    ☐ Hide updates
    ☐ Hide upgrades
    ☐ Hide suggested "beta" upgrades
   ☐ Select upgrades automatically
    ☐ Force important updates
    [Clear hidden upgrades list]

Example – Install packages in a different folder

The software update service will install packages only in the default folder (C:\Robox\). If the packages need to be installed into a different folder, for example a different drive (D:\Tools\Robox\) it can be done by creating a Junction, using NTFS, to the default folder C:\Robox so that it points to the new desired folder (D:\Tools\Robox\).

Rsetup will install files into the base folder but they will actually be stored into the target folder.

To create a Junction under Windows follow these steps:

1. Open the "Command Prompt Window" (press the Windows button + R and type "cmd.exe", or search for "Command Prompt" in the Start menu).
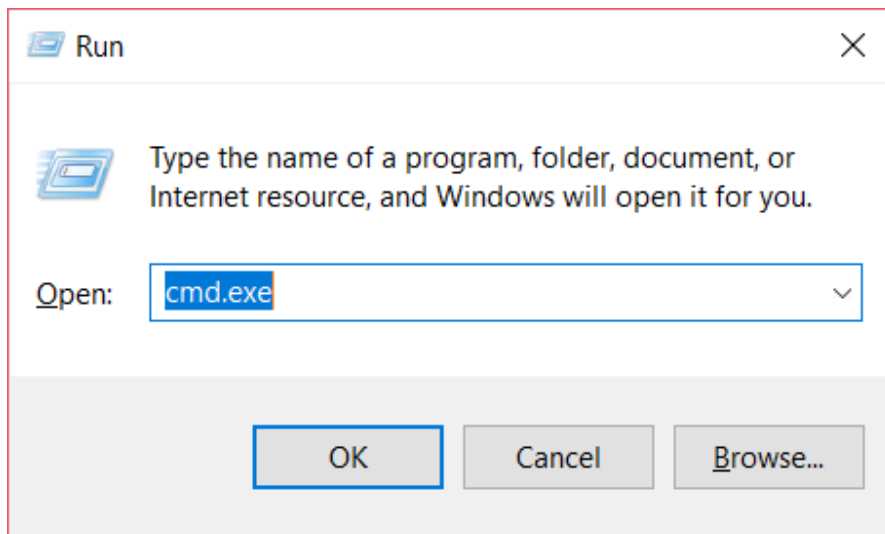
2. Type and run the following command:
   MKLINK /J C:\Robox D:\Tools\Robox
   Where D:\Tools\Robox is the path to the folder where you want to install Robox packages.

For more info regarding Junctions see the following link to Microsoft documentation on the subject:
https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/mklink

Example – Download multiple packages installation file

The software update service can be used to download the package installation file of any package in a folder specified by the user.

To achieve this simply select the packages you want to download:
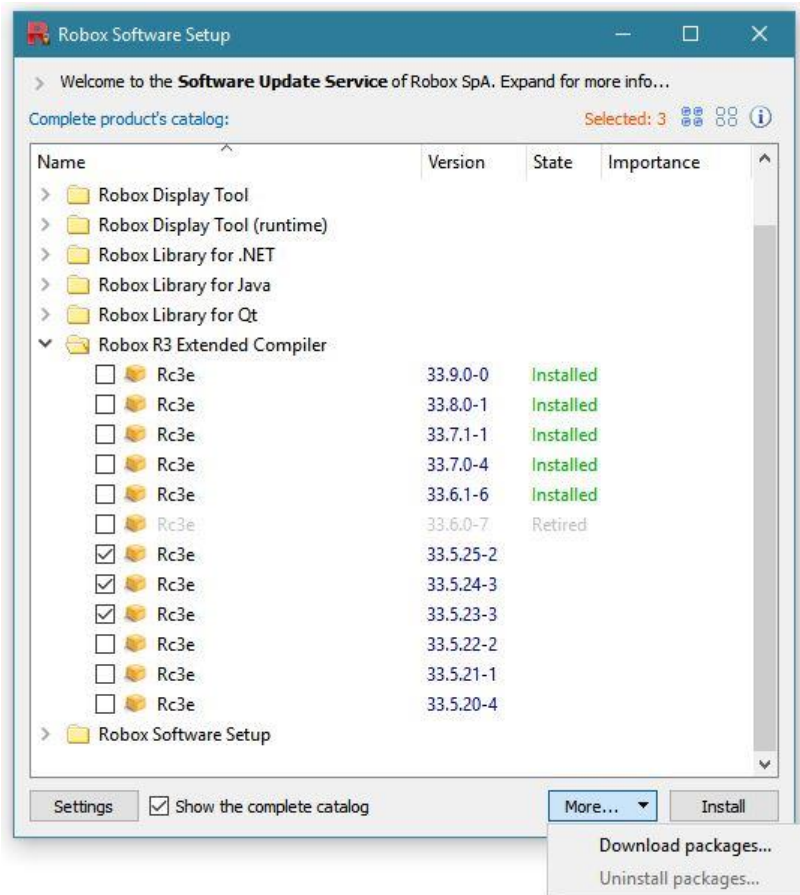
Then the "More…" button will appear, press the button and from the menu select "Download packages…".
A new window will let you select the download folder for the files.
Then it will launch *RSusEngine* to handle the download of the files.

Example – Download archived packages installation file

The software update service can be used to download the package installation file of some archived package in a folder specified by the user.

To achieve this simply select the packages you want to download an archived version of, and press the "Download packages…" button on the bottom.
Then in the next window, select the packages you want to download and confirm:
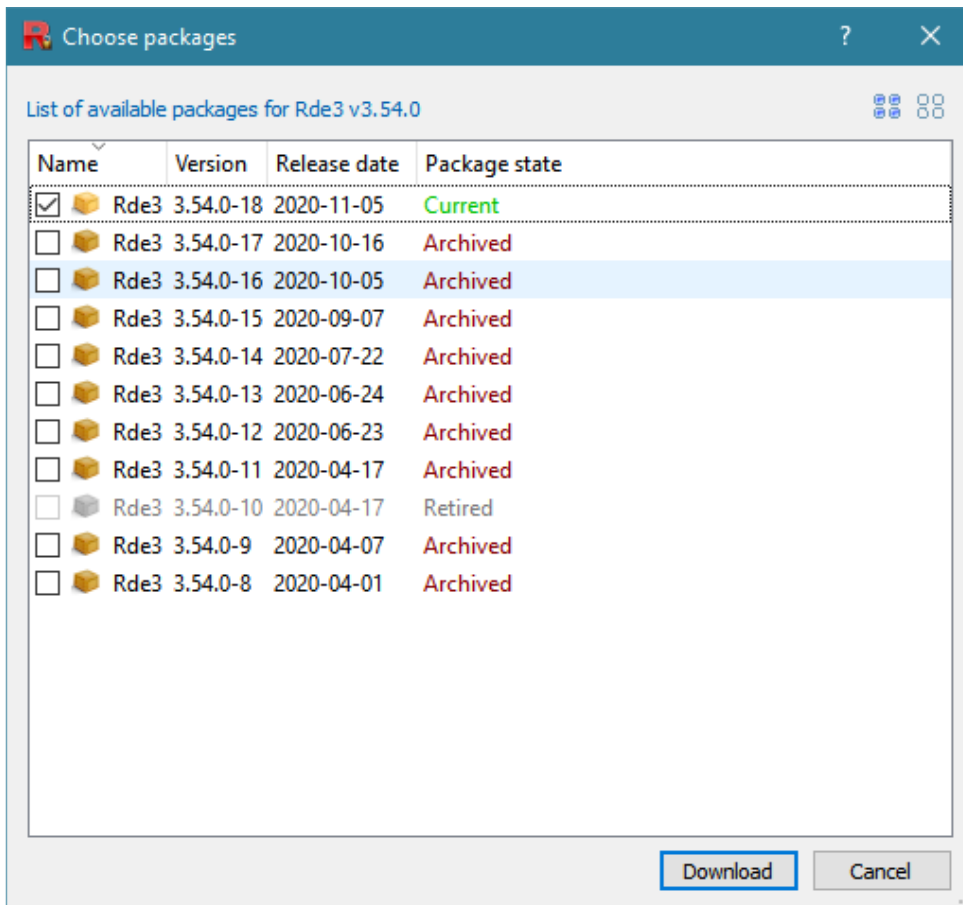
A new window will let you select the download folder for the files.
Then it will launch *RSusEngine* to handle the download of the files.

Example – Quick actions menu

While on the "Full catalog" view, Right clicking with the mouse button on a single product, will open a context menu with multiple options.
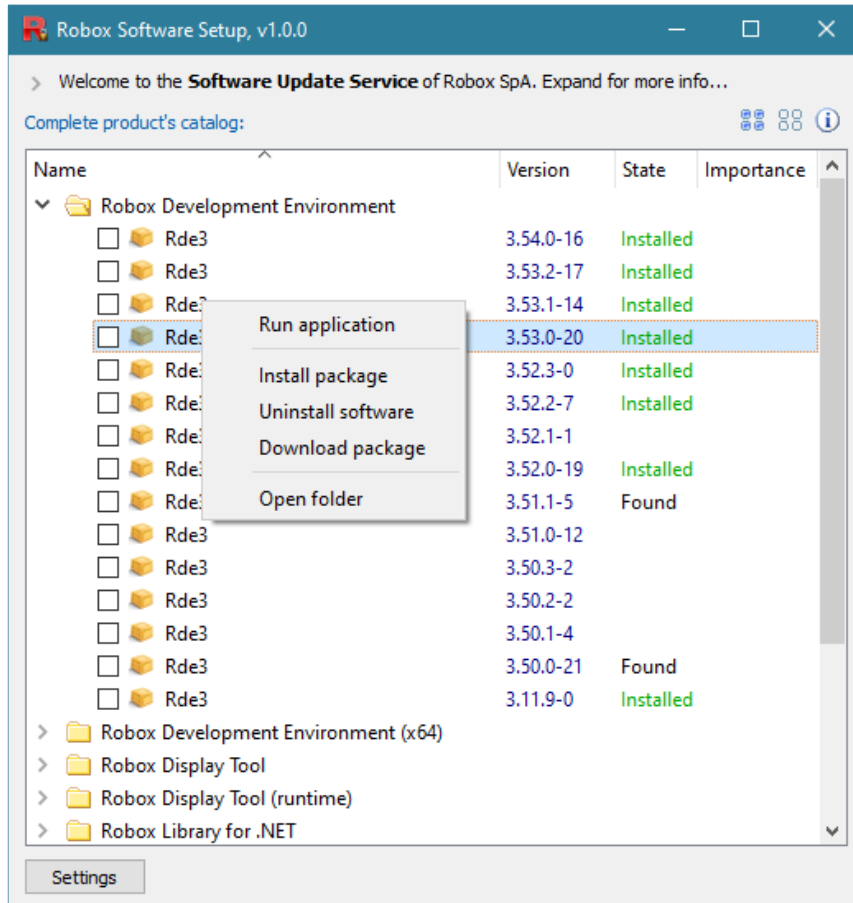
If the selected program is already installed, you get all the following options:
1. Run application: will try to execute the application.
2. Install package: will download and install the package, as if per usual usage of Rsetup.
3. Uninstall software: will try to uninstall the selected package.
4. Download package: will let you choose a custom folder to download the selected package installation file.
5. Open folder: will open the installation folder of the package.

For any other package you get a subset of the above choices, based on what package is selected and if it is already installed.

Example – Download news attached files

The software update service can be used to download files related to a technical news.

To achieve this simply select the files you want to download that you see attached to a news in the news visualization, and press the "Download file" button on the bottom.
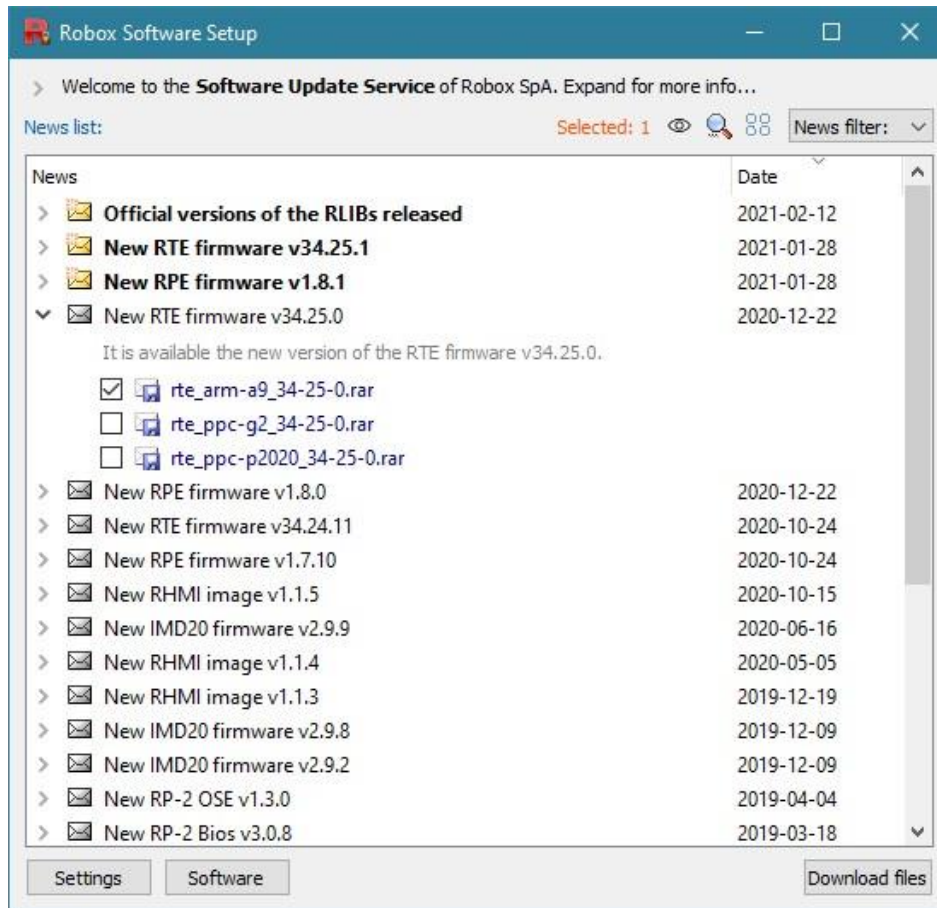
Then in the next window, you will have to agree to our terms of use.
A new window will let you select the download folder for the files.
Then it will launch *RSusEngine* to handle the download of the files.