

NI Package Manager



NI Package Manager Download



Silent installation of NI Package Manager.

FAQs

Error during installation of packages

Invalid checksum for package <path>\somepackagename.nipkg
Please check your internet connection and try again.

- <http://forums.ni.com/t5/LabVIEW/LabVIEW-NXG-1-0-installation-error-quot-Check-Internet/m-p/3635351#M1020794>

1. Close NI Package Manager
2. Go to C:\ProgramData\National Instruments\NI Package Manager\Downloads\
3. Double-click on ni-labview-ng-1.0-released.nipkg and install the package
4. Double-click on ni-labview-ng-1.0-released-critical.nipkg and install the package
5. Restart NI Package Manager and try installing the package again

Restore space from downloaded packages

The NI Package Manager stores all downloaded packages (*.nipkg) under C:\ProgramData\National Instruments\NI Package Manager\packages. Usually, these files are no longer needed by LabVIEW and can be removed to get used drive space back.

See also: <https://knowledge.ni.com/KnowledgeArticleDetails?id=kA00Z0000019KdtSAE&l=de-DE>

Store SystemLink Credentials in .lvproj

By default, LabVIEW does not store user credentials for SystemLink Feeds inside the LabVIEW project file. You can modify the .xml source of the .lvproj file manually to store the credentials persistently. Add the following entries to the corresponding build spec of your LabVIEW project:

```
<Property Name="PKG_password" Type="Str">####</Property>  
<Property Name="PKG_username" Type="Str">####</Property>
```

Beware that even only opening and looking at the build spec in the LabVIEW IDE will remove those manual entries!

Debugging

Errors

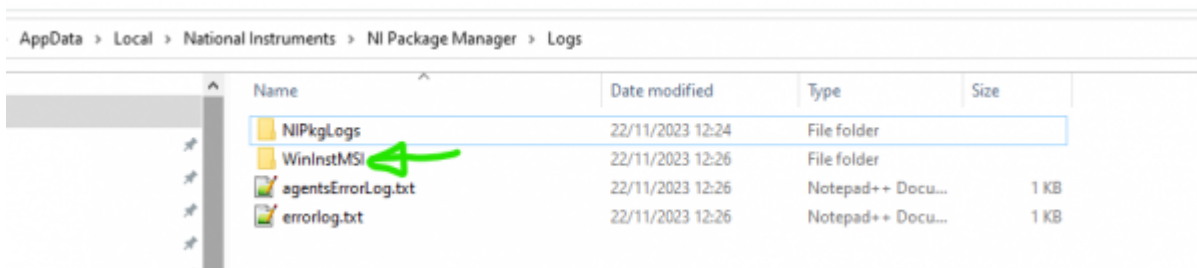
Courtesy Neil Pate

Errors are logged to: C:\Users\\AppData\Local\National Instruments\NI Package Manager\Logs

Under the hood the packages are MSI files, to get more detailed logging information run this command:

```
"C:\Program Files\National Instruments\NI Package Manager\nipkg.exe"
config-set nipkg.plugin.wininst.msilogs-enabled=true
```

Additional information is available inside here:



Name	Date modified	Type	Size
NIPkgLogs	22/11/2023 12:24	File folder	
WinInstMSI	22/11/2023 12:26	File folder	
agentsErrorLog.txt	22/11/2023 12:26	Notepad++ Docu...	1 KB
errorlog.txt	22/11/2023 12:26	Notepad++ Docu...	1 KB

Command Line Interface

- <http://www.ni.com/documentation/en/ni-package-manager/1.0/manual/cli-package-manager/>

You can use Package Manager's command line interface (CLI) to silently install and remove NI software, build and manage packages, and view the current state of your system.

To invoke the CLI, navigate to C:\Program Files\National Instruments\NI Package Manager from the Command Prompt and then enter nipkg. The built-in help for the CLI is displayed.

You can access help for the CLI at any time by typing nipkg help. For help on a specific command, type nipkg help command.

Downloading a Package with Dependencies

It can be necessary to provide a package for offline installation. In this case, it's important to also

provide all dependencies to the package, too. With the following command, a specific package with all needed dependencies can be downloaded.

```
>> nipkg download --all-deps PKG-NAME
```



The packages will be downloaded into the current working directory. Use the option `-destination-dir=<DIR>` to specify another destination.

To find the correct internal name of a package, you can use the Package Manager GUI. Find the package in the list of installed packages and point to the row with the searched package. The context help will display the internal package name. E.g. `ni-labview-2020-runtime-engine-x68` for the LabVIEW 2020 (32-bit) Runtime, see image below.

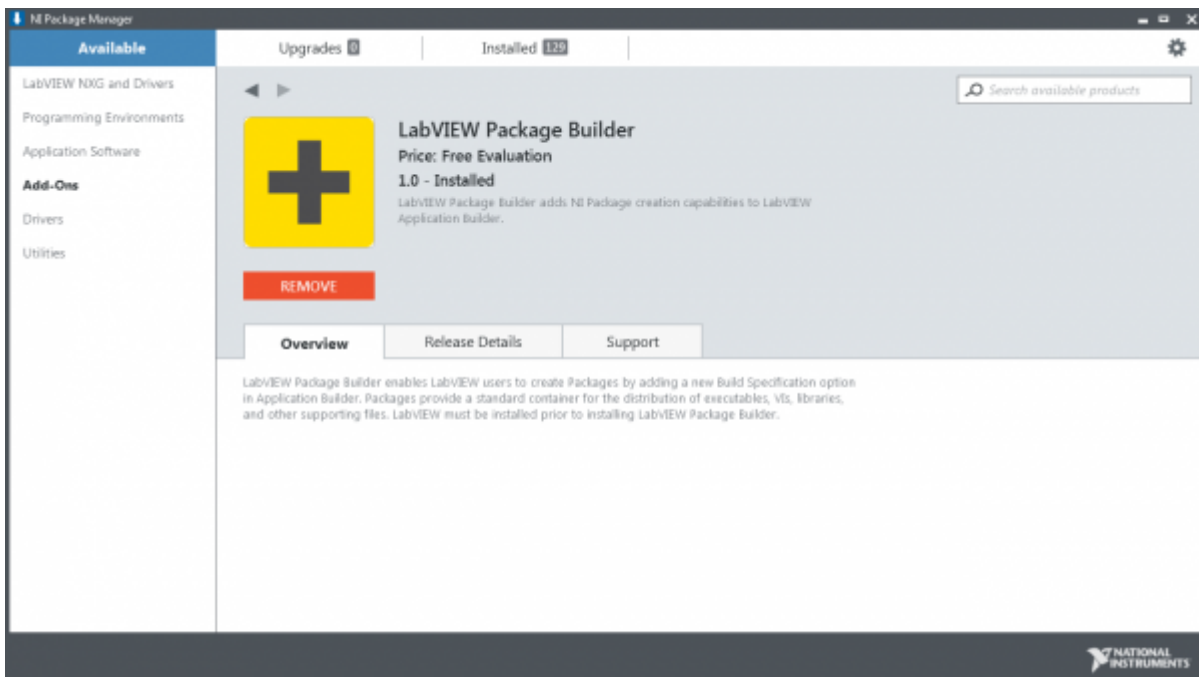
<input type="checkbox"/>	LabVIEW Runtime (32-bit)	National Instruments	Programming Environments
<input type="checkbox"/>	LabVIEW Runtime (32-bit)	National Instruments	Programming Environments
<input type="checkbox"/>	LabVIEW Runtime (32-bit)	National Instruments	Programming Environments
<input type="checkbox"/>	LabVIEW Runtime (32-bit)	National Instruments	Programming Environments
<input type="checkbox"/>	LabVIEW Runtime (64-bit)	National Instruments	Programming Environments
<input type="checkbox"/>	LabVIEW VI Analyzer Toolkit (32-bit)	National Instruments	Add-Ons
<input type="checkbox"/>	LabVIEW VI Analyzer Toolkit (64-bit)	National Instruments	Add-Ons
<input type="checkbox"/>	LabWindows/CVI Shared Runtime	National Instruments	Runtime
<input type="checkbox"/>	MGI Solution Explorer	Core Good Ideas Inc	Application Software
<input type="checkbox"/>	NI Certificates Installer	National Instruments	Utilities
<input type="checkbox"/>	NI CompactRIO	National Instruments	Drivers
<input type="checkbox"/>	NI DataPlugin AOP5	National Instruments	Add-Ons

ni-labview-2020-runtime-engine-x86

The LabVIEW Runtime enables you to run executables created with the LabVIEW Application Builder on machines that do not have LabVIEW installed. The LabVIEW Runtime includes the libraries and other files necessary to run basic application types built in LabVIEW.

LabVIEW Package Builder

- Available from [NI Downloads Website](#)
 - Last version to support anything but NXG5 and LV2020: NIPB 20.0
- 2. <https://forums.ni.com/t5/LabVIEW/NI-Package-Manager/td-p/3634594>



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