

Virtuelni instrumenti

Marko Dimitrijević

Informacije o predmetu

Naziv predmeta: **Virtuelni instrumenti**

Oznaka predmeta: **2OEE6C01**

Fond časova aktivne nastave nedeljno: **2+1+2**

Broj ESPB: **6**

Status predmeta: **izborni**

Informacije o predmetu

Predmetni nastavnik

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marko.dimitrijevic@elfak.ni.ac.rs

Osnovna literatura

- Prezentacije
- Video snimci predavanja
- M. Dimitrijević, **Merenje, analiza i vizuelizacija signala primenom LabVIEW paketa**, skripta

<http://leda.elfak.ni.ac.rs/?page=education>

Dodatna literatura

1. C. L. Clark, **LabVIEW Digital Signal Processing and Digital Communications**, *McGraw-Hill*, 2010
2. R. Bitter, T. Mohiuddin, M. Nawrocki, **LabVIEW™ Advanced Programming Techniques**, *Taylor & Francis*, 2007

Metodi izvođenja nastave

- Predavanja
- Vežbe i laboratorijske vežbe, domaći zadaci
- Konsultacije
- Projektni zadatak

Plan nastave

1. Uvod. Instalacija LabVIEW paketa
2. LabVIEW okruženje
3. Programske petlje i nizovi
4. Programske strukture i modularno programiranje
5. Tipovi podataka
6. Akvizicija podataka i merenja
7. Akvizicija i generisanje signala u LabVIEW
8. Napredne tehnike programiranja

Ispit

10% aktivnost na časovima - domaći zadaci

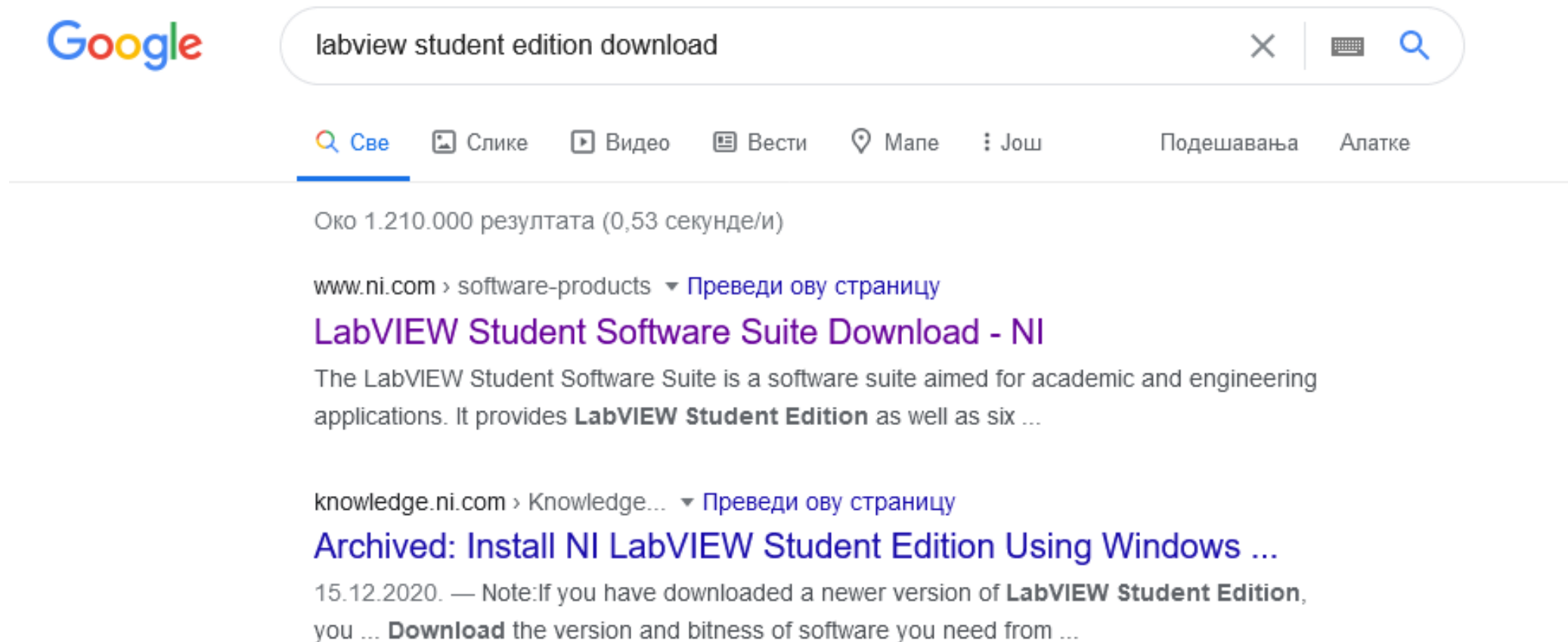
20% projektni zadatak

70% ispit (polaže se pismeno, 20 pitanja, trajanje ispita 2 sata)

Instalacija LabVIEW™ razvojnog paketa

Marko Dimitrijević

Instalacija studentske verzije LabVIEW softvera



The image shows a Google search interface. The search bar contains the text "labview student edition download". Below the search bar, there are navigation options: "Све", "Слике", "Видео", "Вести", "Мапе", "Joш", "Подешавања", and "Алатке". The search results show approximately 1.210.000 results in 0.53 seconds. The first result is from www.ni.com, titled "LabVIEW Student Software Suite Download - NI". The second result is from knowledge.ni.com, titled "Archived: Install NI LabVIEW Student Edition Using Windows ...".

Google

labview student edition download

Све Сlike Видео Вести Мапе Joш Подешавања Алатке

Око 1.210.000 резултата (0,53 секунде/и)

www.ni.com > software-products ▾ Преведи ову страницу
LabVIEW Student Software Suite Download - NI
The LabVIEW Student Software Suite is a software suite aimed for academic and engineering applications. It provides **LabVIEW Student Edition** as well as six ...

knowledge.ni.com > Knowledge... ▾ Преведи ову страницу
Archived: Install NI LabVIEW Student Edition Using Windows ...
15.12.2020. — Note:If you have downloaded a newer version of **LabVIEW Student Edition**, you ... **Download** the version and bitness of software you need from ...

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LabVIEW Student Software Suite

The LabVIEW Student Software Suite includes LabVIEW Student Edition plus six additional software add-ons.

[+ Read More](#)

DOWNLOADS

Supported OS ⓘ

Windows

[View Readme](#)

Version ⓘ

Spring 2020

Included Editions ⓘ

Student

Application Bitness ⓘ

32-bit

Language ⓘ

English

LabVIEW Student Software Suite Spring 2020

Release Date

5/15/20

Included Versions

2020

> Supported OS

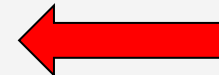
> Language

> Checksum

DOWNLOAD

File Size

5.46 MB



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Password

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Stay logged in

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[Create Account >](#)



Create an NI User Account

Already have an account? [Log In >](#)

First Name

Last Name

Role

Please Select



Email Address

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Password

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Passwords must be a minimum of 8 characters long.

Every company tells you they're serious about privacy. We're not just any company, but the steps we take to protect your personal data are indeed serious.

[Review our Privacy Statement.](#)

NI will periodically send email about relevant products and services, and I can update my email preferences at any time.

CREATE ACCOUNT



Downloading LabVIEW Student Software Suite Spring 2020



Next Steps

Your downloaded software is delivered using NI Package Manager. NI Package Manager is your access hub to download, install, upgrade, and manage all NI software. Note that this utility is different from VI Package Manager.

After the download is complete, NI Package Manager launches and you can install the software. If you have problems with this process, you can restart the download.

If the download doesn't start automatically, [restart the download](#) now.

NI Package Manager

The screenshot shows a software installation window titled "NI Package Manager" with a close button (X) in the top right corner. Below the title bar is a progress bar with four steps: "Select", "Agree", "Review", and "Finish". The "Agree" step is currently active, indicated by a green underline. Below the progress bar, a message states: "You must accept the license agreements below to proceed." Below this message is a section header "NI" followed by "NATIONAL INSTRUMENTS SOFTWARE LICENSE AGREEMENT". The main text of the agreement reads: "CAREFULLY READ THIS SOFTWARE LICENSE AGREEMENT ('AGREEMENT'). BY DOWNLOADING THE SOFTWARE AND/OR CLICKING THE APPLICABLE BUTTON TO COMPLETE THE INSTALLATION PROCESS, YOU AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT WISH TO BECOME A PARTY TO THIS AGREEMENT AND BE BOUND BY ITS TERMS AND CONDITIONS, DO NOT INSTALL OR USE THE SOFTWARE, AND RETURN THE SOFTWARE (WITH ALL ACCOMPANYING WRITTEN MATERIALS AND THEIR CONTAINERS) WITHIN THIRTY (30) DAYS OF RECEIPT. ALL RETURNS TO NI WILL BE SUBJECT TO NI'S THEN-CURRENT RETURN POLICY. If you are accepting these terms on behalf of an entity, you agree that you have authority to bind the entity to these terms." Below this text, it says: "The terms of this Agreement apply to the computer software provided with this Agreement, all updates or upgrades to the software that may be provided later by NI as part of any maintenance, technical support, or". At the bottom of the agreement section, it states: "This license agreement applies to the following packages: NI Package Manager". At the very bottom of the window, there are two radio button options: "I do not accept the license agreement." (which is unselected) and "I accept the above license agreement." (which is selected). A "Next" button is located at the bottom right of the window.

NI Package Manager

Select Agree Review Finish

You must accept the license agreements below to proceed.

NI

NATIONAL INSTRUMENTS SOFTWARE LICENSE AGREEMENT

CAREFULLY READ THIS SOFTWARE LICENSE AGREEMENT ("AGREEMENT"). BY DOWNLOADING THE SOFTWARE AND/OR CLICKING THE APPLICABLE BUTTON TO COMPLETE THE INSTALLATION PROCESS, YOU AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT WISH TO BECOME A PARTY TO THIS AGREEMENT AND BE BOUND BY ITS TERMS AND CONDITIONS, DO NOT INSTALL OR USE THE SOFTWARE, AND RETURN THE SOFTWARE (WITH ALL ACCOMPANYING WRITTEN MATERIALS AND THEIR CONTAINERS) WITHIN THIRTY (30) DAYS OF RECEIPT. ALL RETURNS TO NI WILL BE SUBJECT TO NI'S THEN-CURRENT RETURN POLICY. If you are accepting these terms on behalf of an entity, you agree that you have authority to bind the entity to these terms.

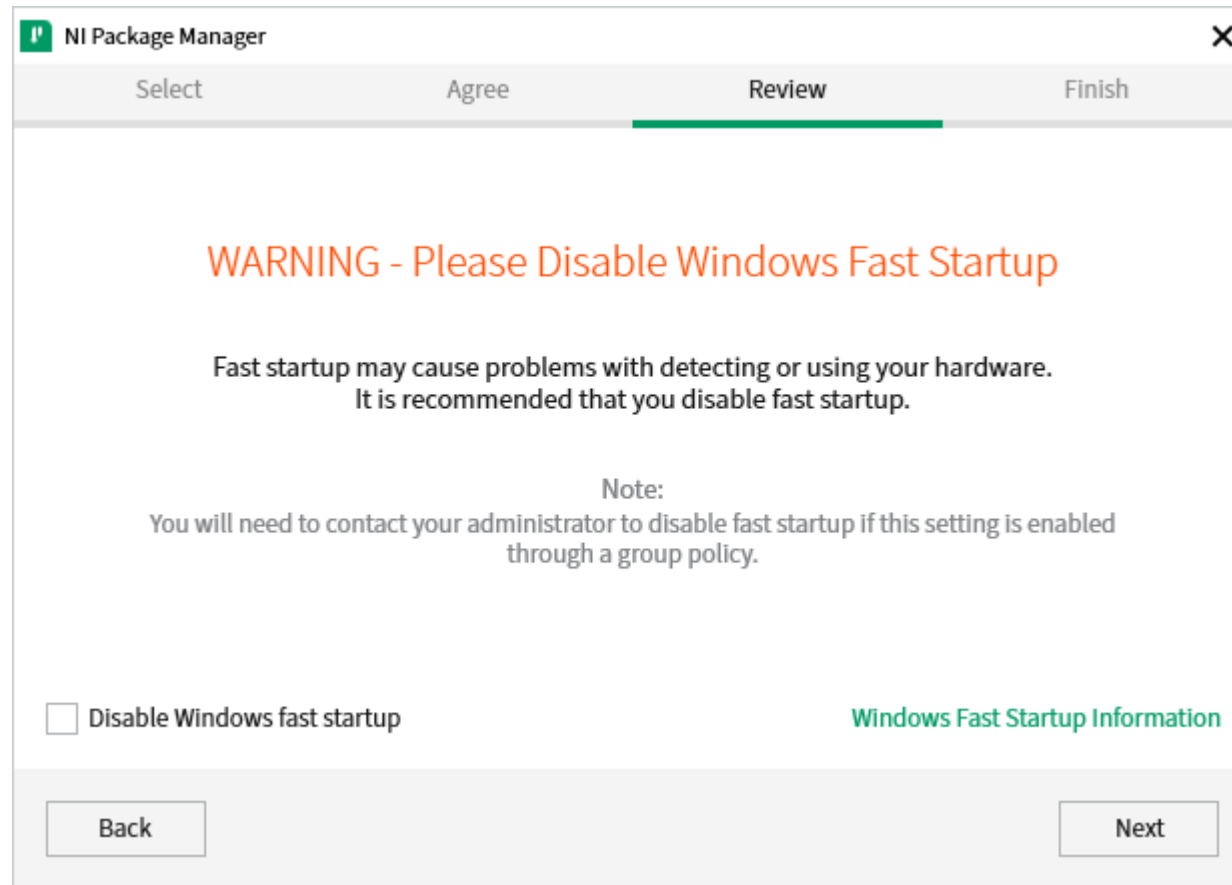
The terms of this Agreement apply to the computer software provided with this Agreement, all updates or upgrades to the software that may be provided later by NI as part of any maintenance, technical support, or

This license agreement applies to the following packages: NI Package Manager

I do not accept the license agreement. I accept the above license agreement.

Next

NI Package Manager



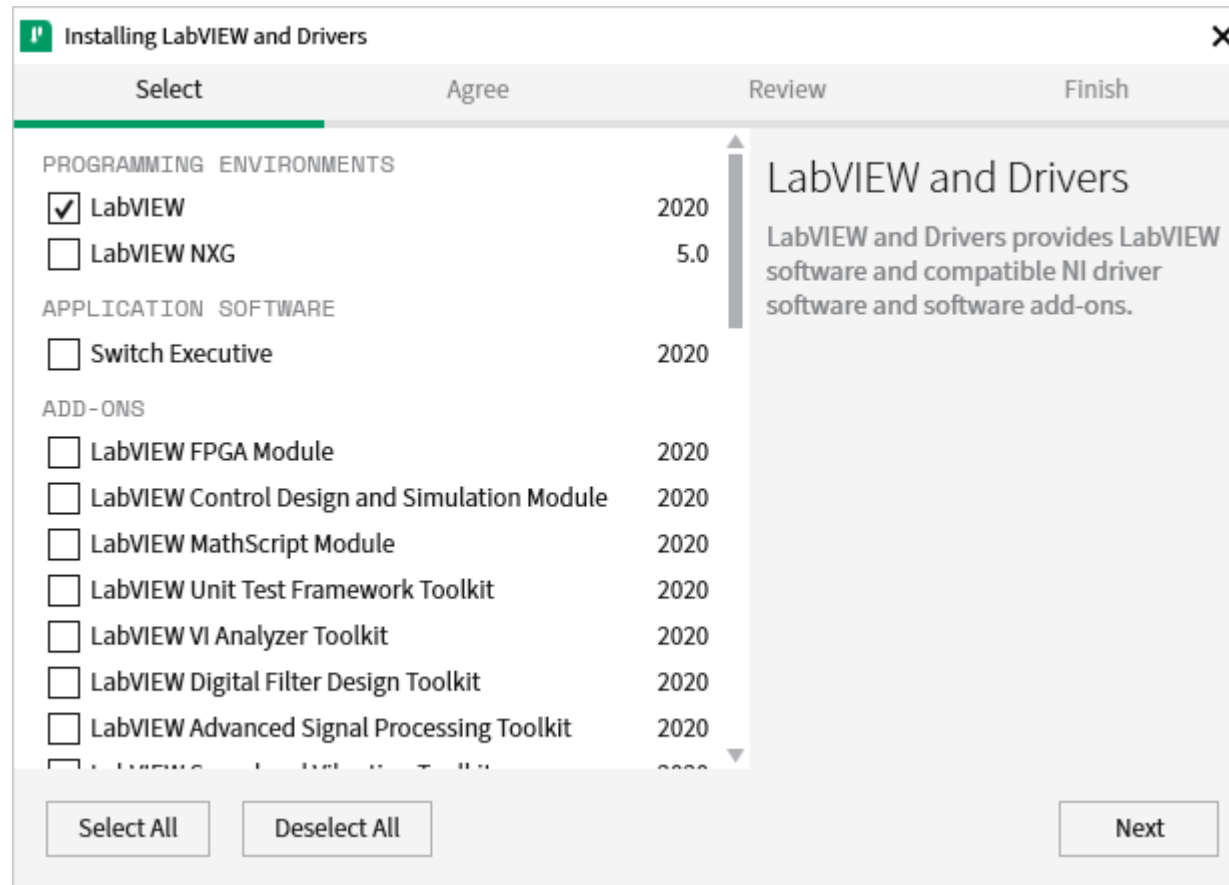
The screenshot shows a window titled "NI Package Manager" with a close button (X) in the top right corner. The window has a progress bar at the top with four steps: "Select", "Agree", "Review" (which is highlighted with a green line), and "Finish".

The main content area displays a warning in orange text: "WARNING - Please Disable Windows Fast Startup". Below this, it states: "Fast startup may cause problems with detecting or using your hardware. It is recommended that you disable fast startup." A "Note:" follows, stating: "You will need to contact your administrator to disable fast startup if this setting is enabled through a group policy."

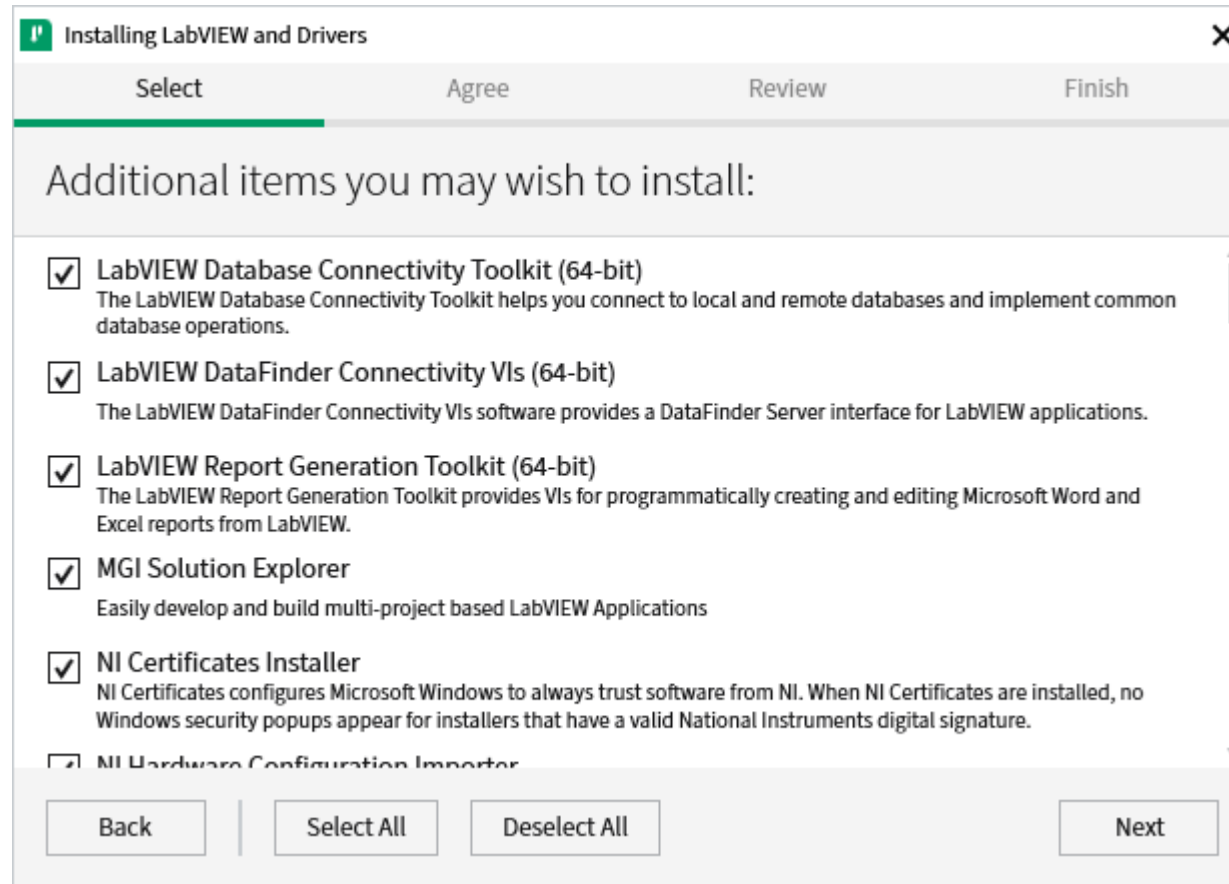
At the bottom left, there is a checkbox labeled "Disable Windows fast startup", which is currently unchecked. To the right of the checkbox is a green link: "Windows Fast Startup Information".

At the bottom of the window, there are two buttons: "Back" on the left and "Next" on the right.

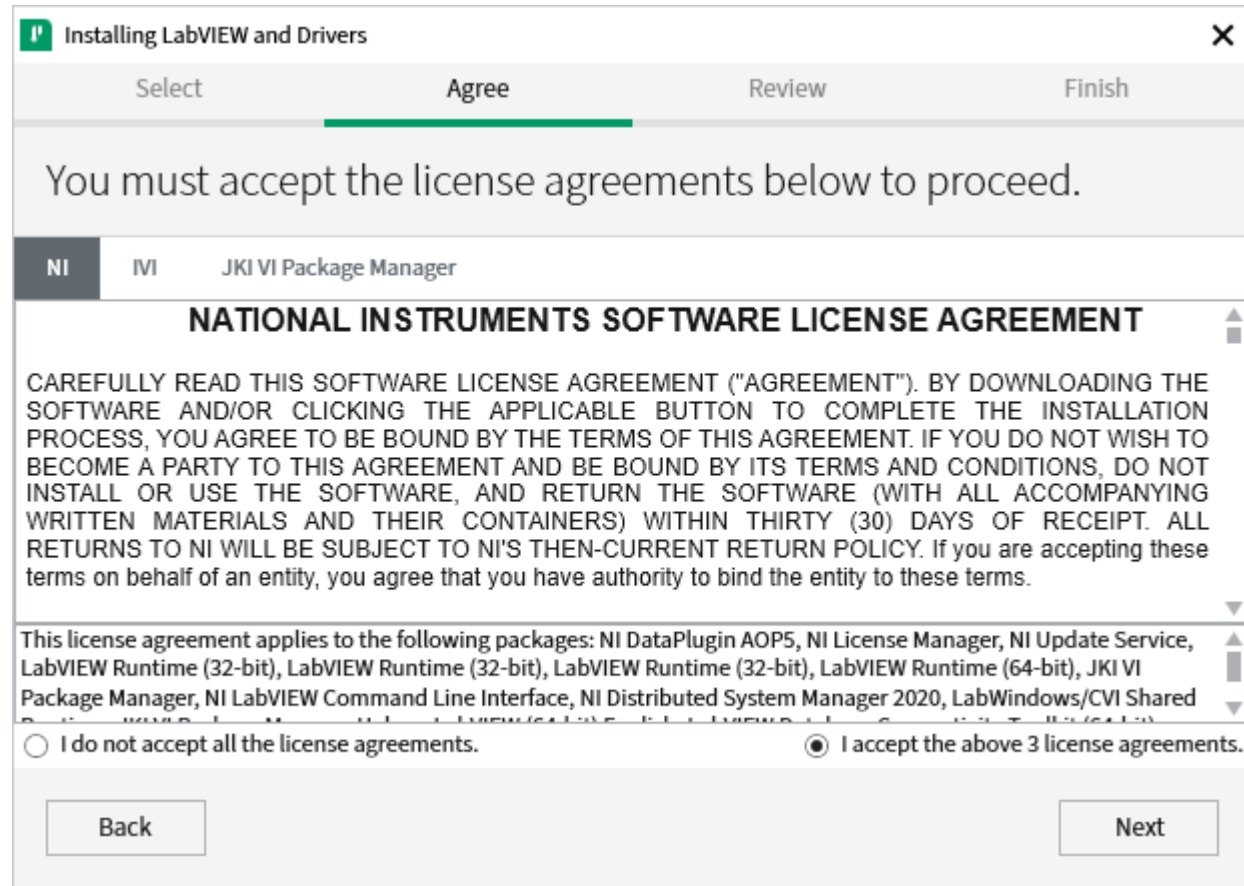
Instaliranje paketa i alata



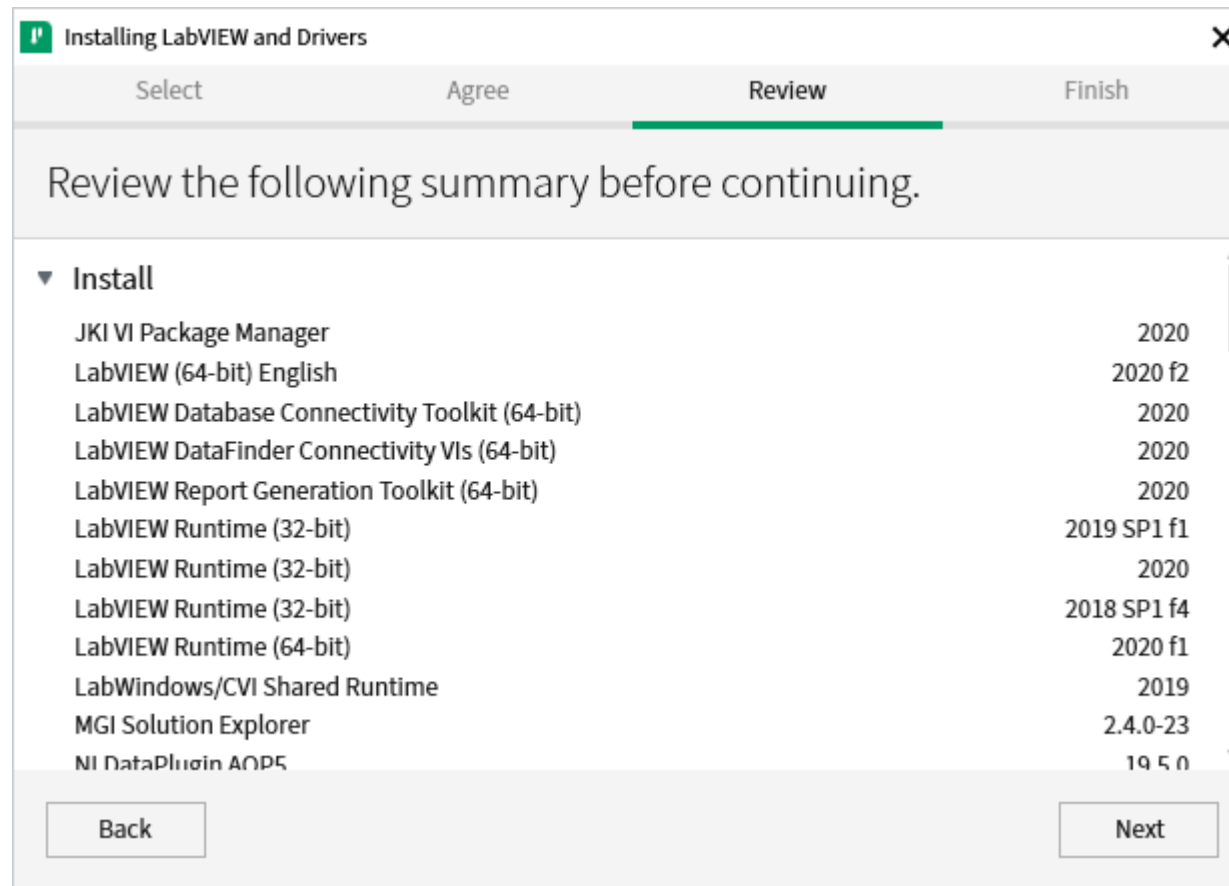
Dodatne stavke



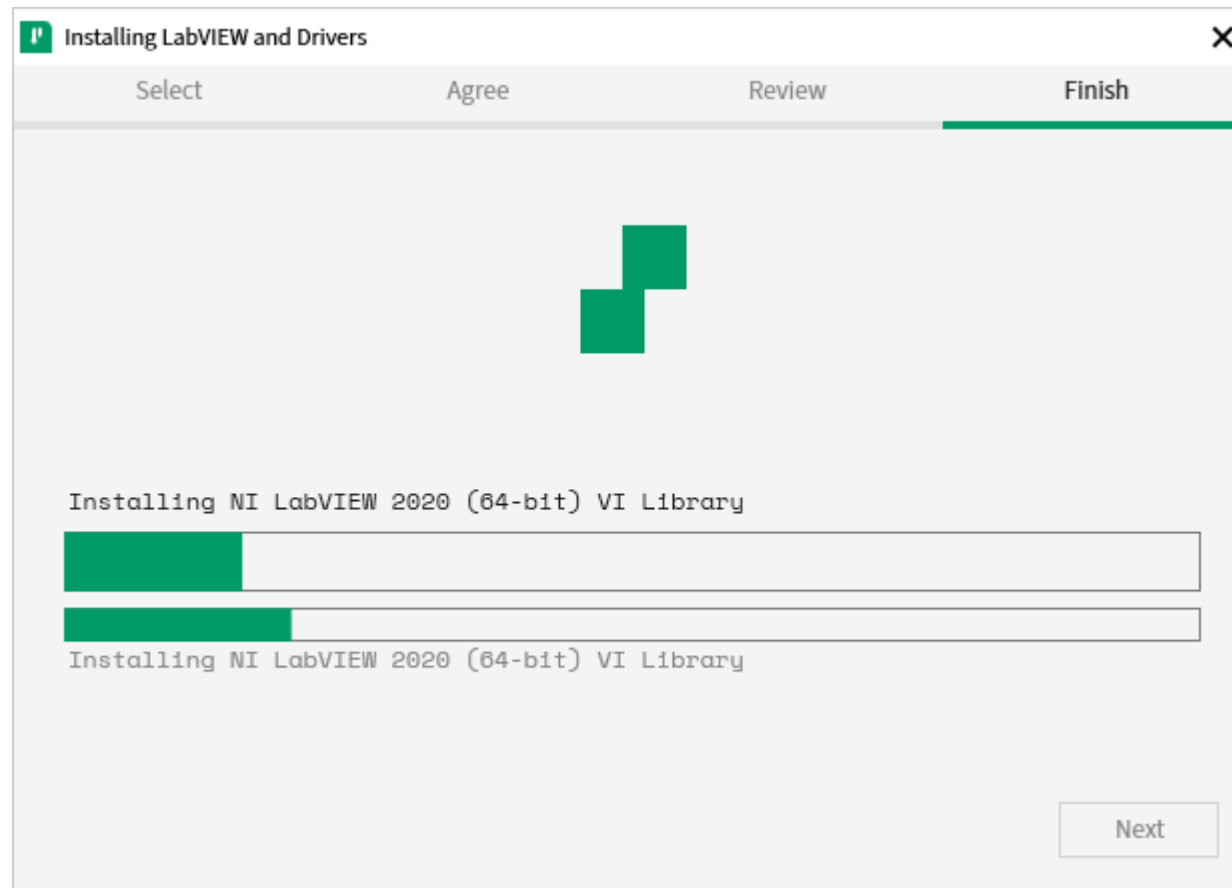
License agreement



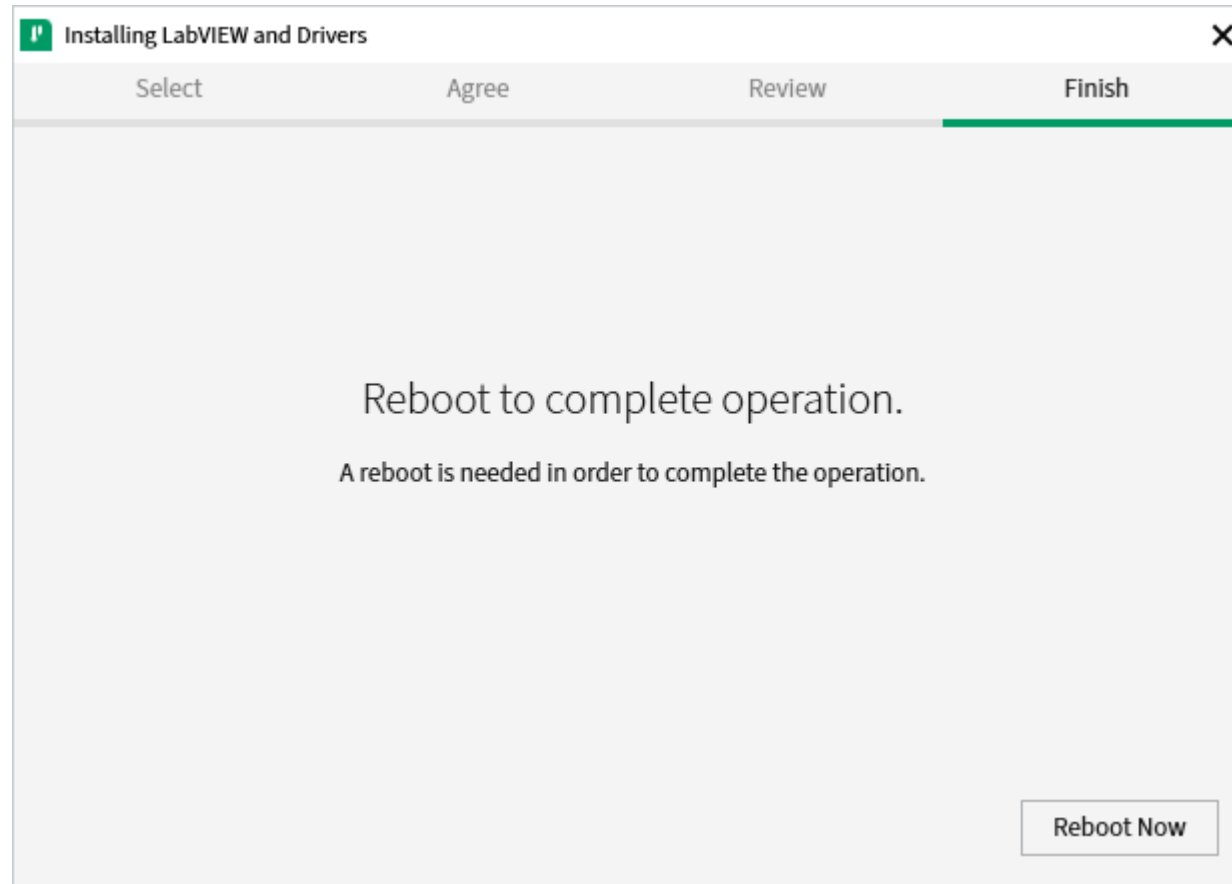
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