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

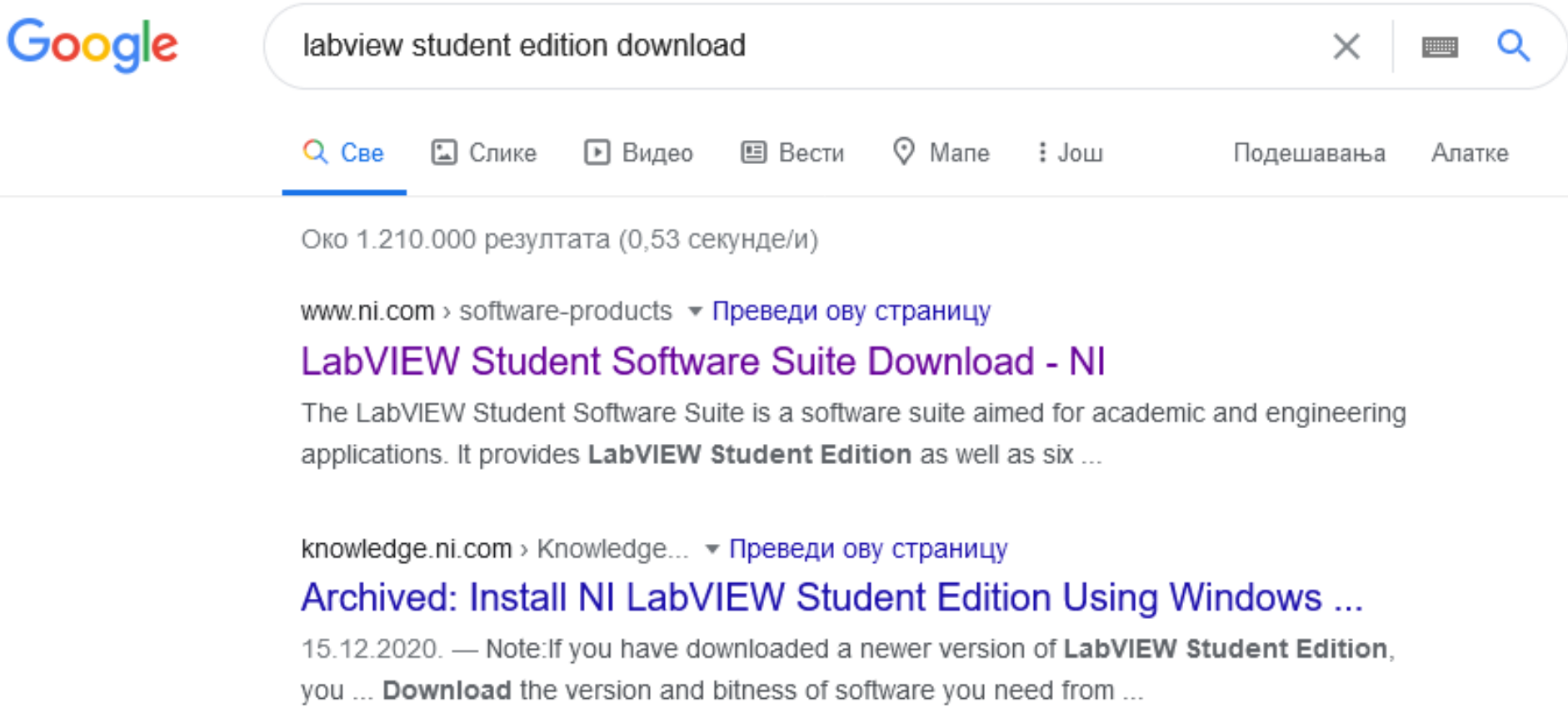
20% projektni zadatak

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

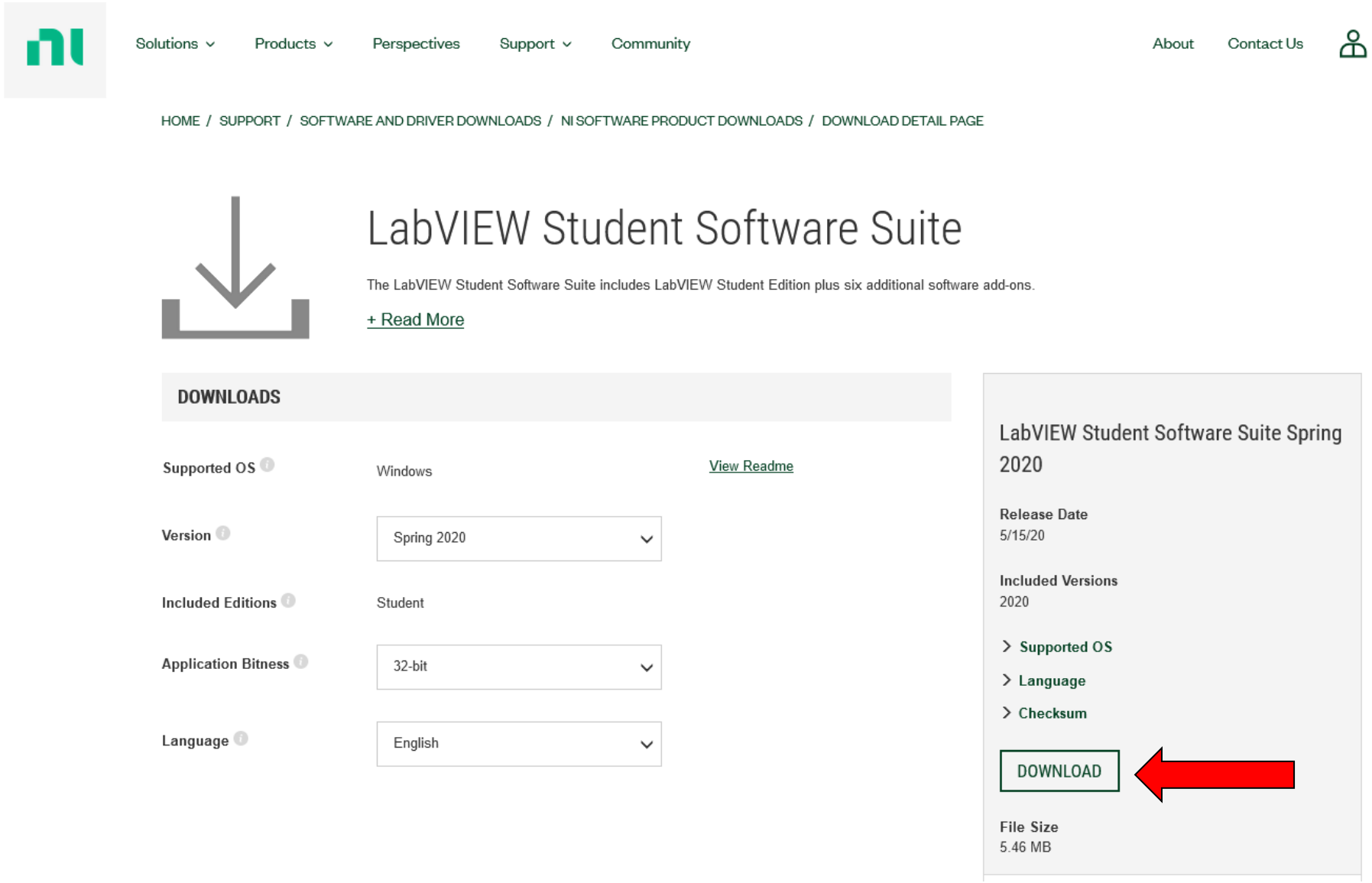
Instalacija LabVIEW™ razvojnog paketa

Marko Dimitrijević

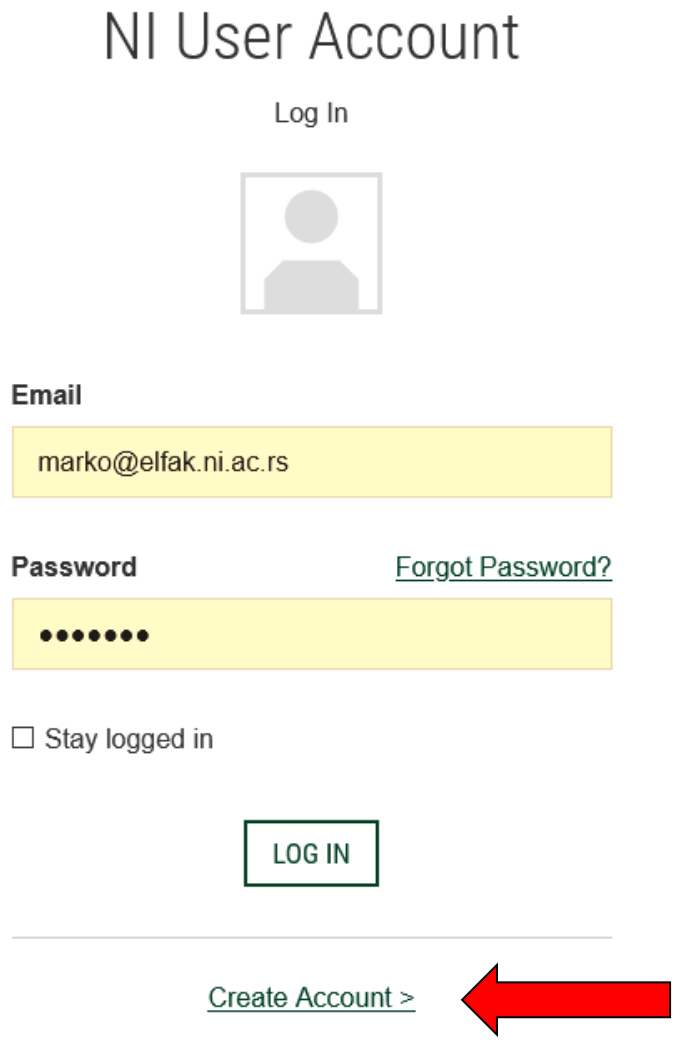
Instalacija studentske verzije LabVIEW softvera

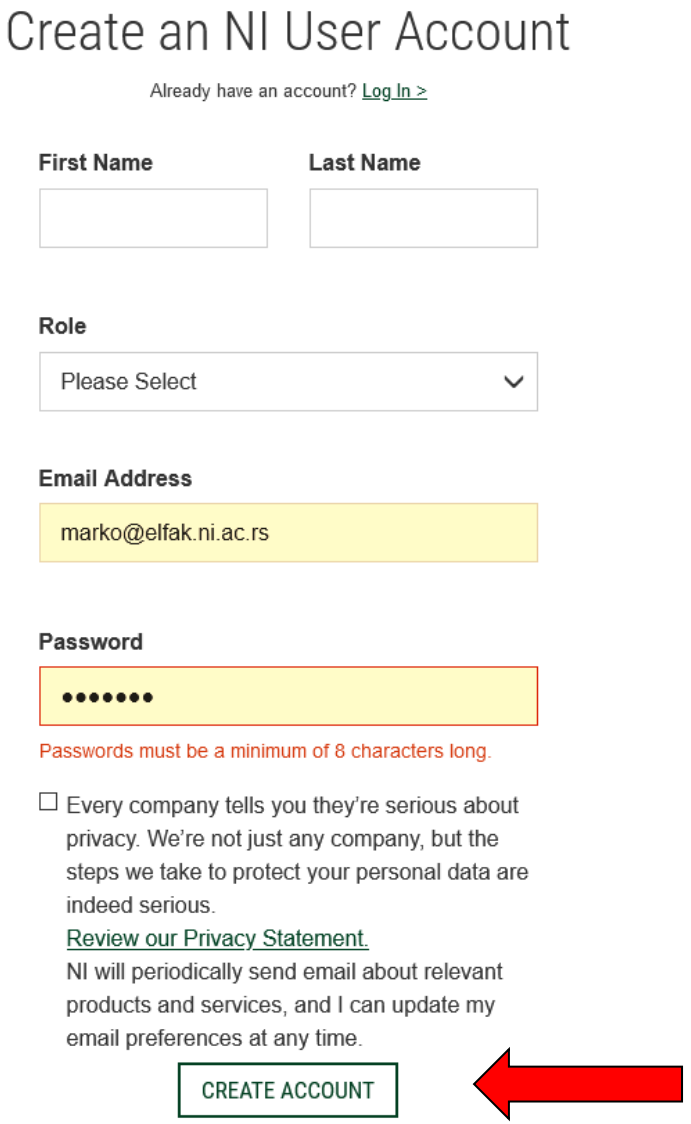


Strana za preuzimanje



Kreiranje naloga i prijavljivanje





Kreiranje naloga

Downloading LabVIEW Student Software Suite Spring 2020

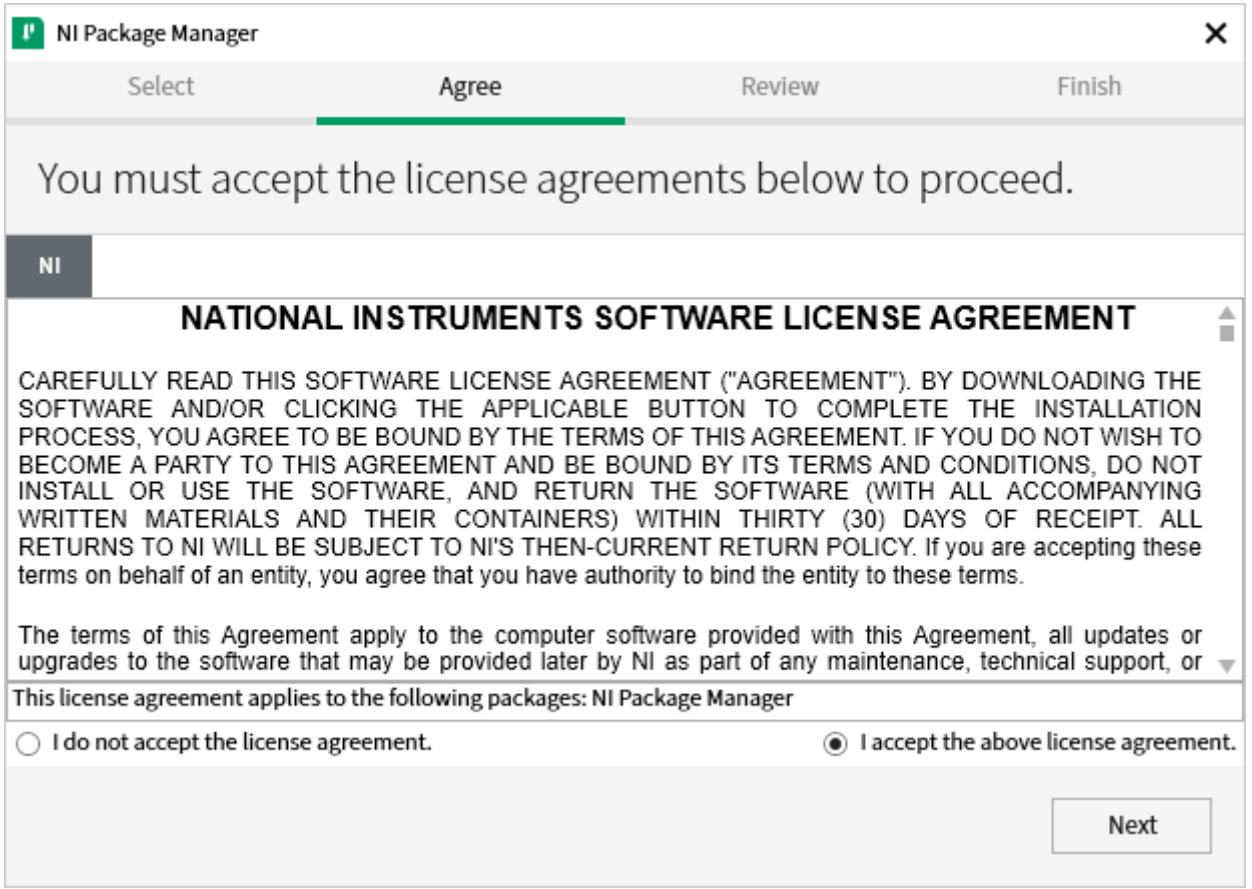
Next Steps

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.

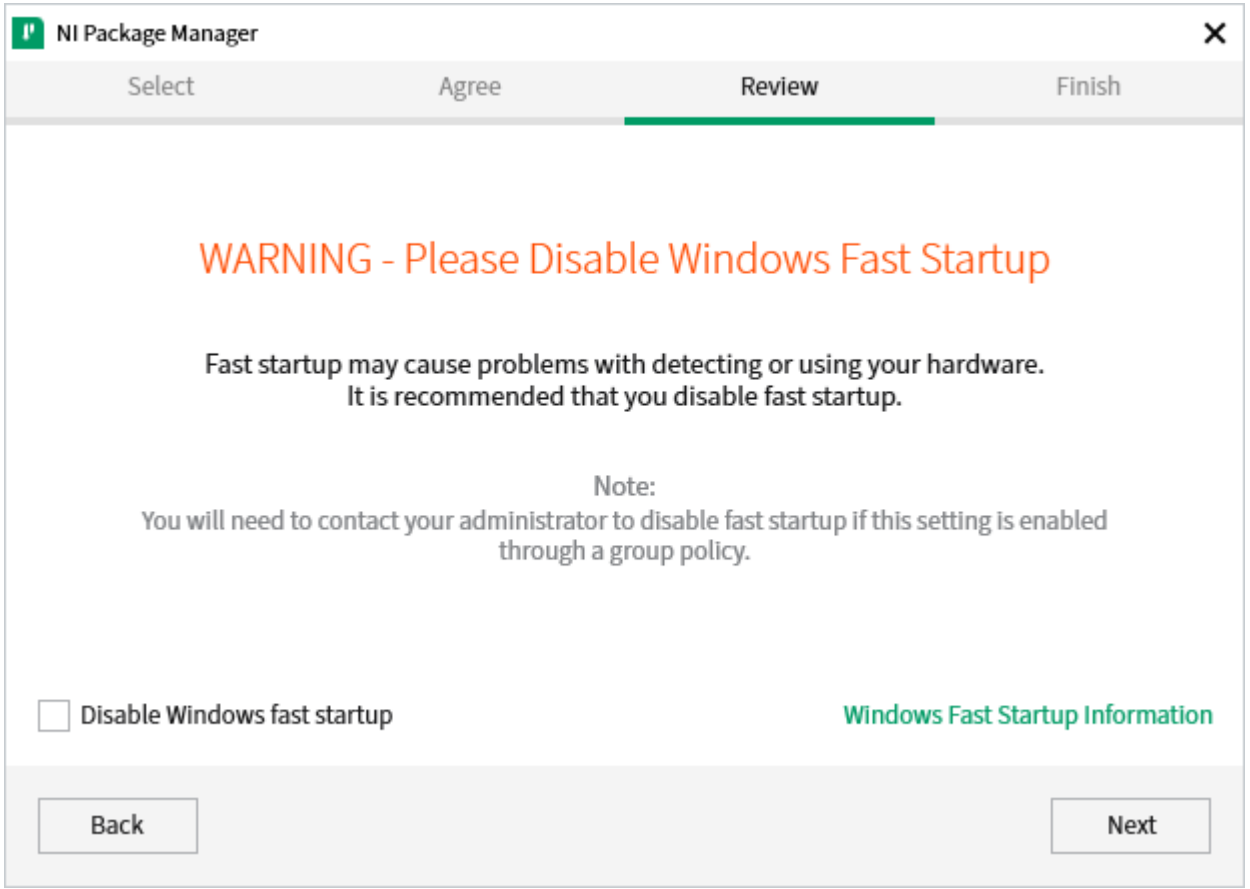
After the download is complete, NI Package Manager launches and you can install the software. If you have problems with this process, you can restart the download.

If the download doesn't start automatically, restart the download now.

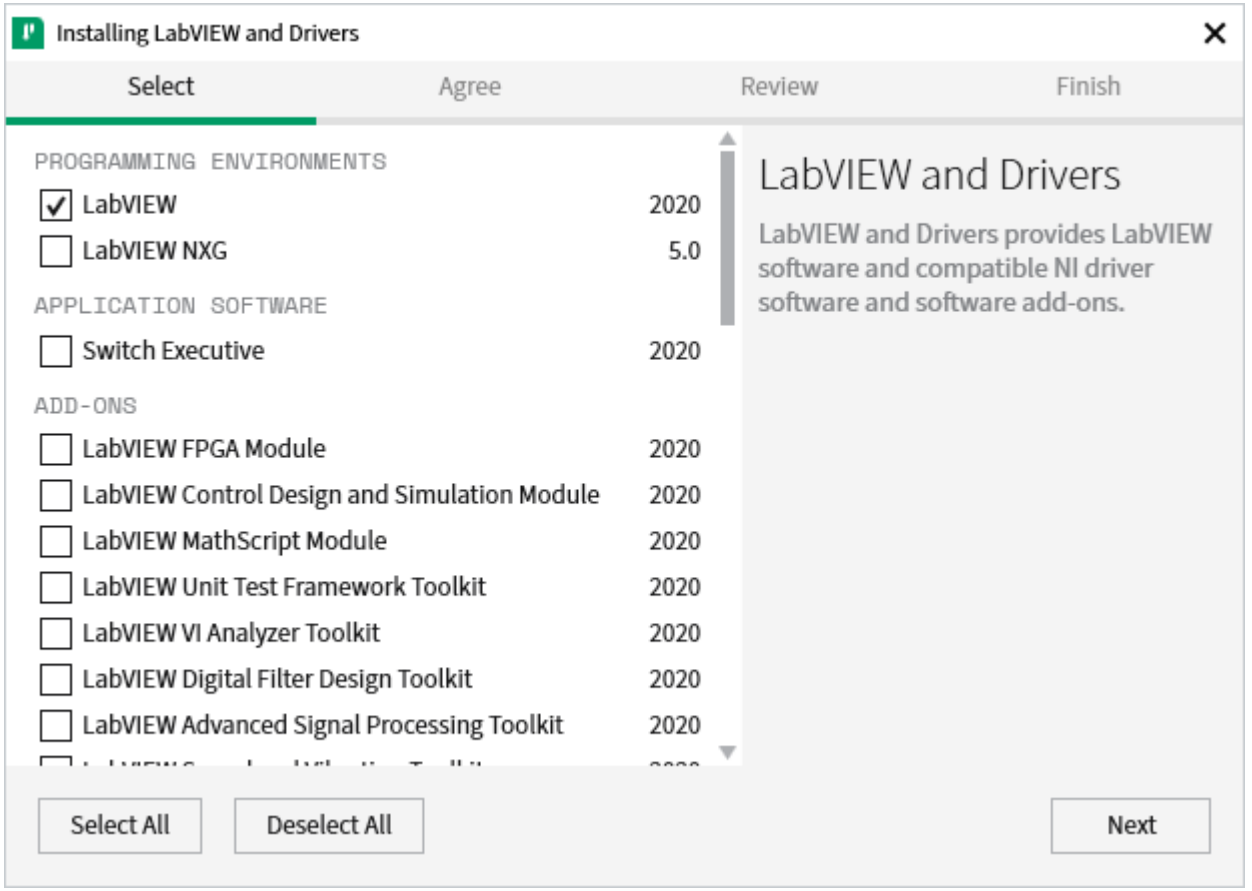
NI Package Manager



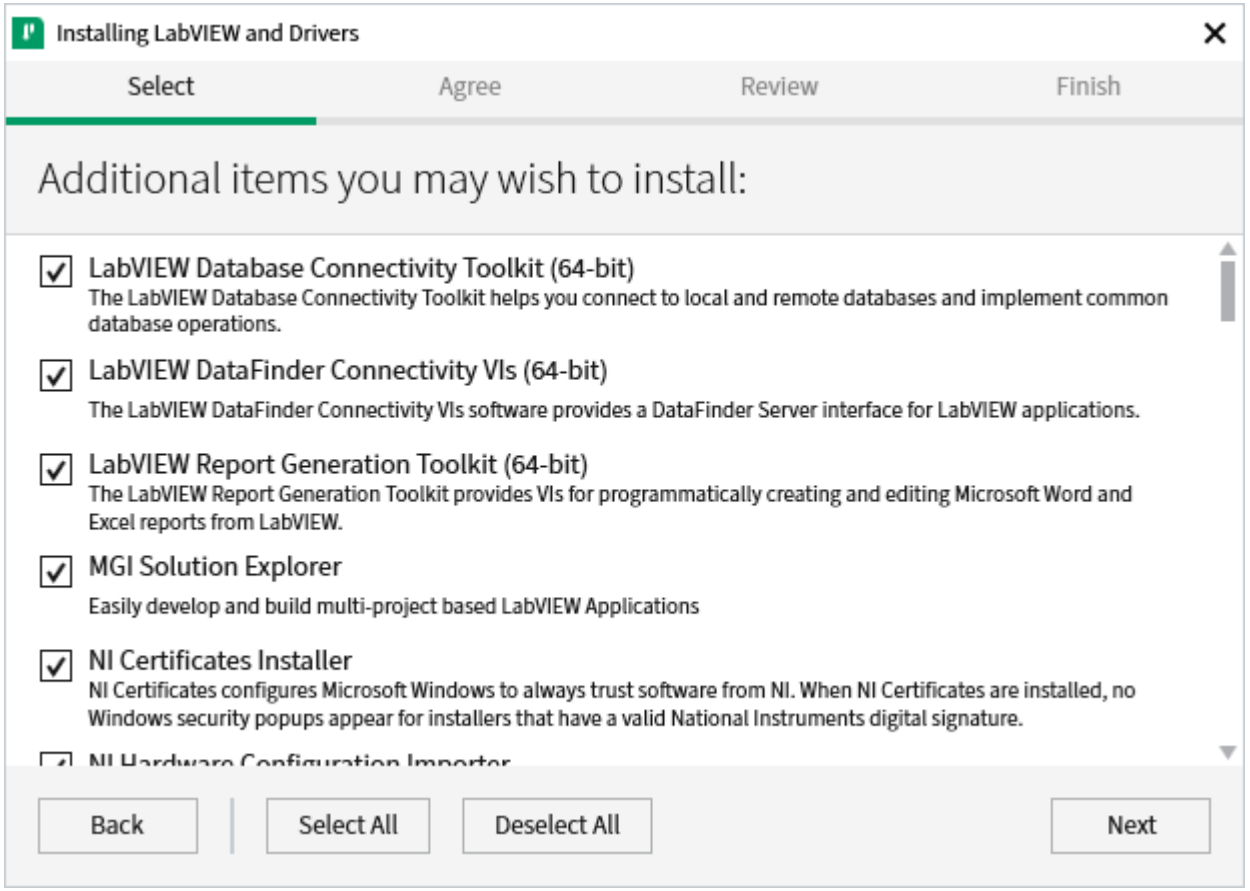
NI Package Manager



Instaliranje paketa i alata



Dodatne stavke



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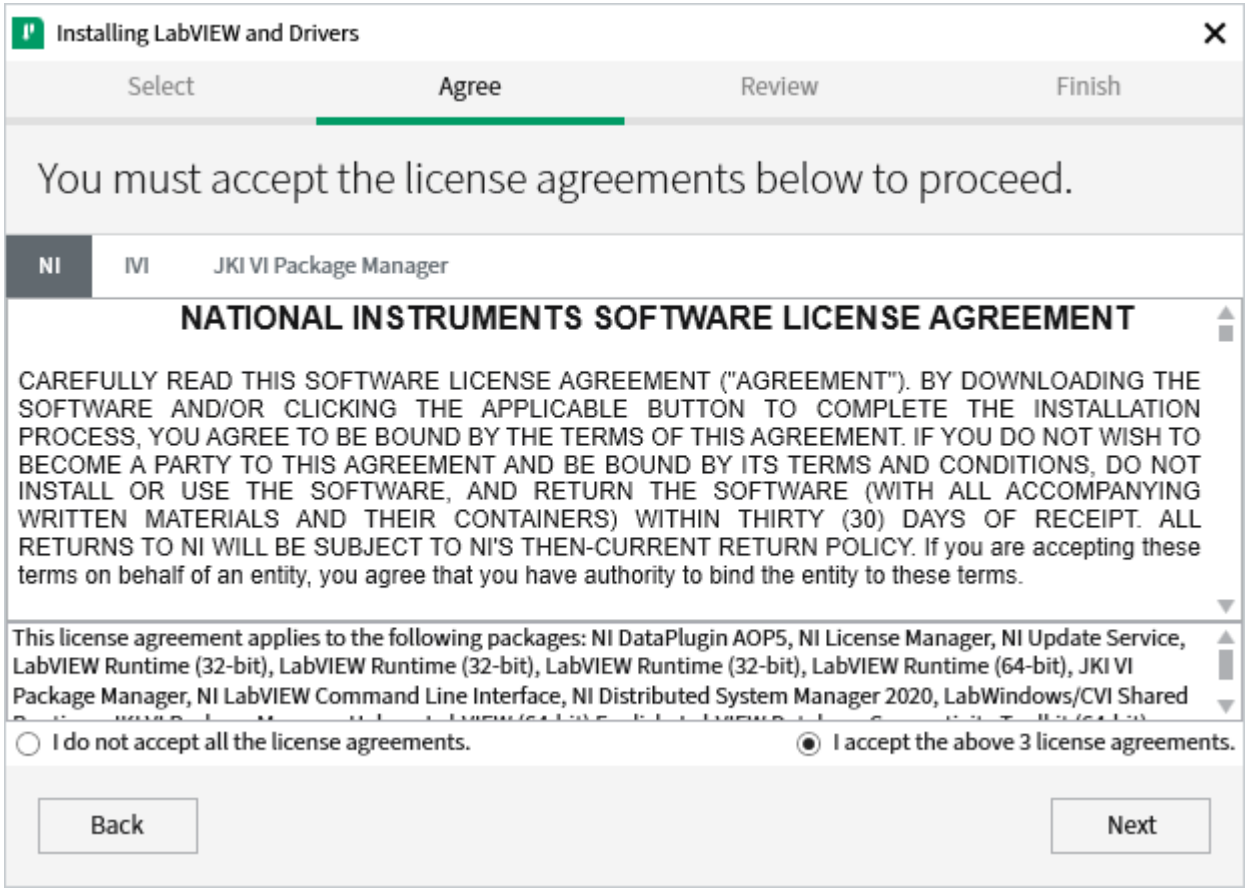

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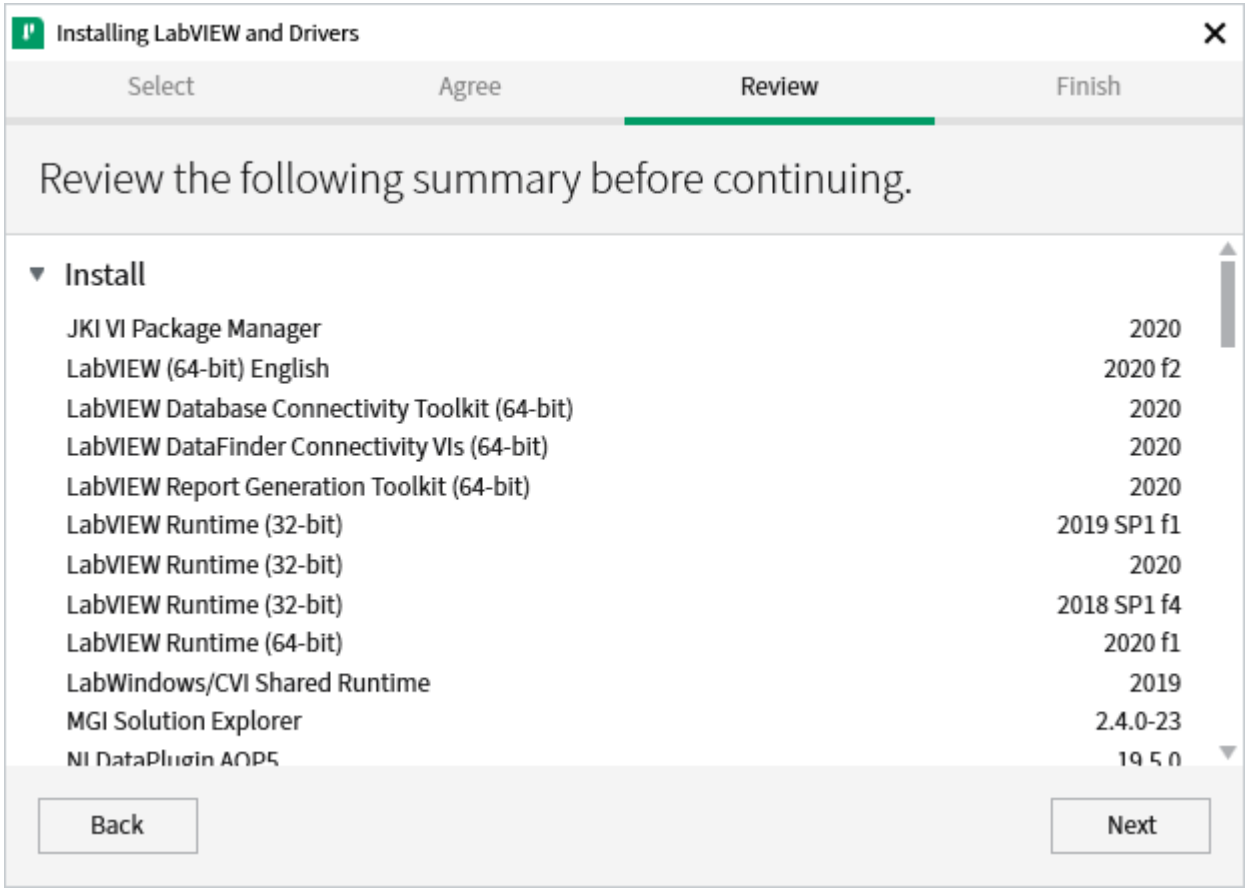

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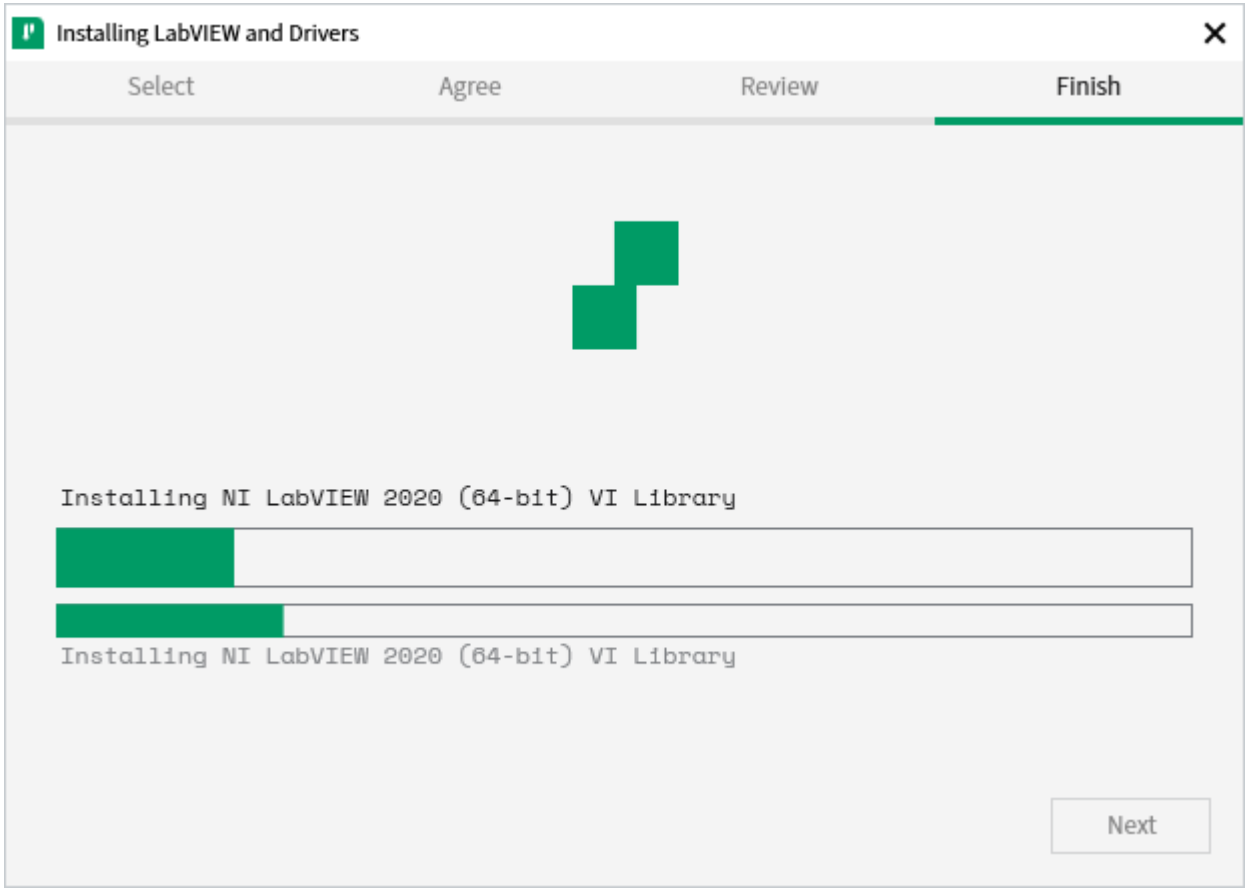

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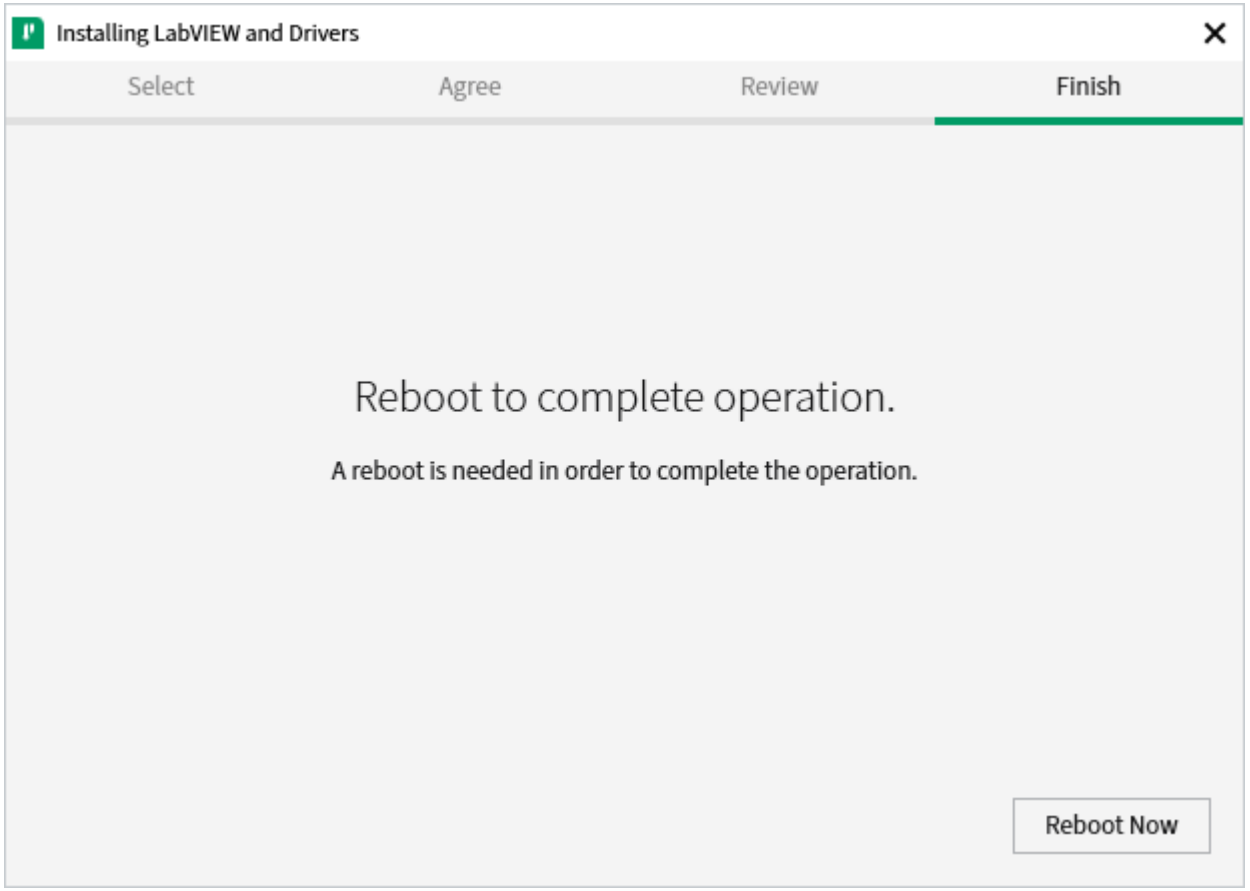
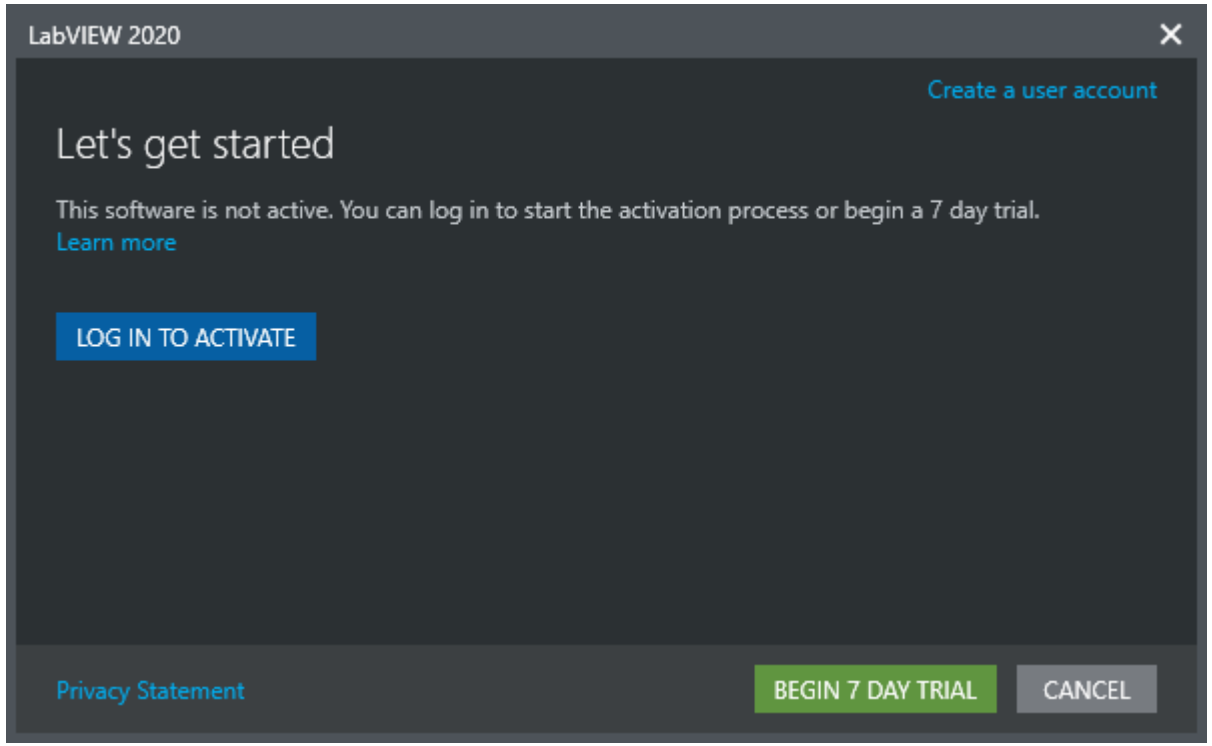
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