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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

dii DIPARTIMENTO
DI INGEGNERIA
INDUSTRIALE

ENERGY AND BUILDINGS

2021 – 2022

Software installation guidelines

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Software download

Please use the following versions!

1. **SketchUp**: SketchUp Make 2017
2. **Openstudio**: Openstudio 2.9.1
3. **EnergyPlus**: EnergyPlus 9.2.0

Installation

SketchUp:

1. Download **SketchUp Make 2017** 64 bit (for Mac or Windows):
<https://help.sketchup.com/en/downloading-older-versions>
2. Other versions need licence! **Do not install them!**
3. Run the installation

Openstudio:

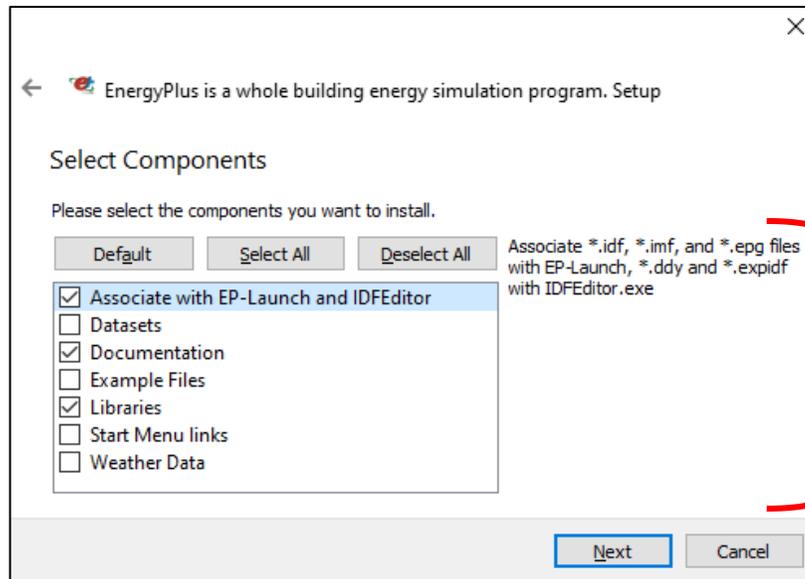
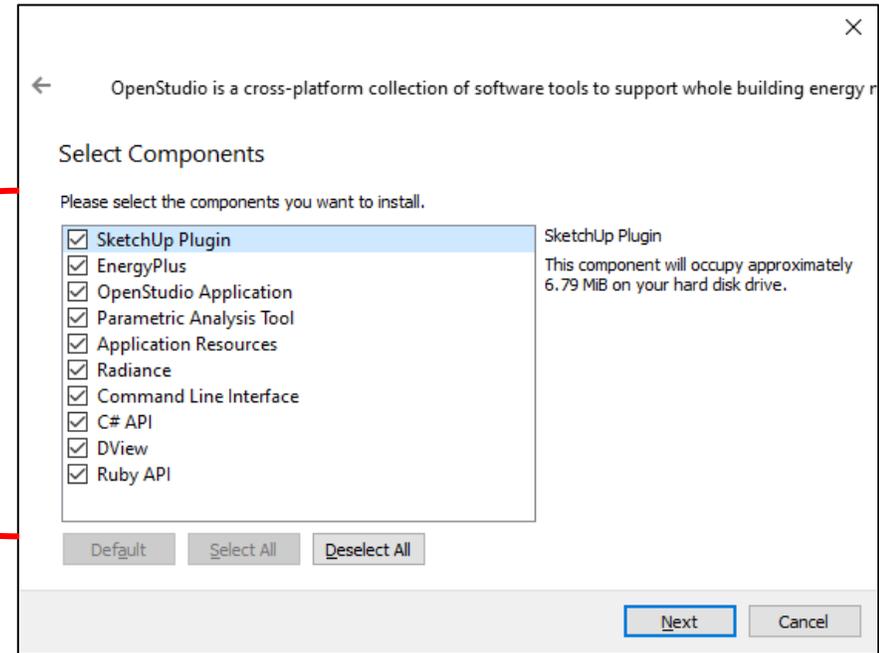
1. Download **Openstudio 2.9.1** (Mac or Windows):
<https://github.com/NREL/OpenStudio/releases/tag/v2.9.1>
2. Install Openstudio 2.9.1. During the installation check the Select Components page! Everything should be installed (see next slide)

EnergyPlus:

1. Download **EnergyPlus 9.2.0** (Mac or Windows):
<https://github.com/NREL/EnergyPlus/releases/tag/v9.2.0> (end of the page)
2. Install EnergyPlus 9.2.0. During the installation check the Select Components page! (see next slide)

Select Components page

Openstudio
Everything should be selected



EnergyPlus

At least select:

- **Associate with EP-Launch and IDFEditor**
- **Documentation**
- **Libraries**

Useful steps

1. Create a desktop shortcut for Dview (you can find it in YourOpenstudioFolder\bin\Dview)
2. Create a desktop shortcut for EP-Launch (you can find it in YourEnergyPlusFolder\EP-Launch)