Instructions for Installing and Configuring ANSYS MAXWELL and PExprt, versions 16.X

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These instructions assume you already have the appropriate licenses installed and configured for the client machine.
Recommendation is to install Maxwell First

- Unzip the Maxwell installation files if needed
- Right click on autorun.exe, select Run as Administrator
Maxwell installation (cont.)

- Click on Install Electromagnetics Suite (Maxwell is part of the Electromagnetics Suite)
Maxwell Installation (cont.)

- Click Run to begin installation
Maxwell Installation (cont.)

- Click Next to continue installation
Maxwell Installation (cont.)

- Click Yes to continue installation
Maxwell Installation (cont.)

• Either click Next to accept the default installation folder or click Browse to select a different folder for the files, then click Next.
Maxwell Installation (cont.)

- Either click Next to accept the default folder for temporary files created while running simulations, or click Browse to select a different folder for the files, then click Next.

If you want the install files to go to a different folder, click Browse, pick the folder, then click Next.
Maxwell Installation (cont.)

• Most likely you will click Next to accept the local installation for common libraries.
Maxwell Installation (cont.)

• If you have ANSYS 16.0/16.1 already installed, you will be prompted to integrate the Electromagnetic Suite with ANSYS. Click Next to continue if this is the case.
Maxwell Installation (cont.)

• When prompted to specify the client license information, most likely you will want to keep the current license configuration. Click Next.
Maxwell Installation (cont.)

- Click Next to accept the default folder for the program icon
Maxwell Installation (cont.)

• Click Next to continue with the installation
Maxwell Installation (cont.)

- The installation will take a few minutes from this point.
Maxwell Installation (cont.)

- When this part of the installation finishes, click Finish
Maxwell Installation (cont.)

- Click Exit to close the Electromagnetics Suite 16.X installation window
PExprt Installation

- Unzip the PExprt installation files if needed
- Right click on autorun.exe, select Run as Administrator
PExprt Installation

- Click Install PExprt
PExprt Installation

- Click Run to continue with the installation
PExprt Installation

- Click Next to continue with the installation
PExprt Installation

- Click Yes to accept the license agreement
PExprt Installation

- Either click Next to accept the default installation folder or click Browse to select a different folder for the files, then click Next.
When prompted to specify the client license information, most likely you will want to keep the current license configuration. Click Next.
PExprt Installation

- Click Next to accept the default folder for the program icon.
PExprt Installation

- Click Next to continue with the installation
PExprt Installation

• The installation should take just a few seconds
PExprt Installation

• Click Finish
PExprt Installation

- Click Exit

Next we will configure PExprt and Maxwell.
Configuring PExprt and Maxwell

• Launch PExprt:
  – Start > All Programs > ANSYS Electromagnetics > PExprt 2015.0 > ANSYS PExprt 2015
Configuring PExprt and Maxwell

- Click Close in the resulting popup with info on Pexprt.
Configuring PExprt and Maxwell

• Click Options > Preferences in the PExprt window

This brings up this window, which we can use to point to the version of Maxwell we just installed (see next page):
Configuring PExprt and Maxwell

- Here we manually point to the latest version of Maxwell:
  - Click on the word Maxwell so that it shows up as blue
  - Click Modify

![Preferences dialog with Maxwell location highlighted and Modify button]
Configuring PExprt and Maxwell

- Browse to the location where Maxwell was installed back on page 8 (default is C:\Program Files\AnsysEM\AnsysEM16.x\Win64)
  - Scroll down and click on the file maxwell.exe
  - Click Open
Configuring PExprt and Maxwell

- Click OK for the new configuration to take effect:
Configuration Complete

• Your PExprt and Maxwell applications should now be successfully installed and configured.
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