



Quick Installation Guide for OS PAL **(or AppCOE)**

For Windows and Linux Host Platforms

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Where to download OS PAL (or AppCOE)?

You can request a free demo or trial version from MapuSoft's website link below:

http://info.mapusoft.com/demo_evalform.html

If you have requested the 'free demo', then download links along with install instructions will be emailed to you (demo version will only allow you to run the pre-built demo application).

If you would like to re-build the demo applications and/or develop your own application, and actually try out the product, request for a free trial version by contacting MapuSoft sales.

If you have already requested for the 'free trial', then MapuSoft sales will contact you to obtain a MAC address in order to provide you an evaluation license key and the download links. During evaluation, you are entitled for free tech support and for this, MapuSoft sales will also create you a tech support account and will provide you with the login information. MapuSoft support can be contacted below:

www.mapusoft.com/support

Installing OS PAL on Linux Host Platform:

1. Download/Install OS PAL package for Linux into the local drive
2. Add executable attribute using “chmod” command to the downloaded file.
3. Execute/Run the downloaded program
4. Installer will ask for a directory to install OS PAL. Browse to the directory or provide a directory name when prompted (ensure that the logged-in user has full read/write/execute privileges to this install directory)
5. Once installed, execute the following command to give the <installdir> the READ/WRITE/EXECUTE permissions: “chmod -R 777 <installdir>”
6. Then run ospal.bin to bring up OS PAL application. Then choose OS PAL workspace icon to enter into OS PAL workspace and run the pre-built demo applications
7. Install the license key if you are provided with one (see section below for installing the license key). In this case, you will be able to re-build the demo applications or be able to create or port your own applications.

Note: It is recommended that the login user has either ‘root’ or ‘su’ privileges while evaluating OS PAL. This will allow OS PAL to utilize the real-time features and provide you a true tasking priority that may be needed to run an embedded application.

Installing license key

- Copy the key onto local drive
- Launch **ospal.bin**. Below the menu there will be a lot of icons. Select the icon that looks like a key, and under that choose “**install license**”
- **Browse** to the path where the license key is and then select install. OS PAL will process the key and will keep a copy of the license file inside the <installdir/license> folder

Documents:

The documents are all available in the following OS PAL documentation folder:

<installdir>/plugins/mapusoft.ospal.doc_1.3.8/enc_pdfs

They are also available on MapuSoft website from links below.

- [Click Here for the OS Porting and Abstraction Lab User Manual](#)
- [Click Here for the System Configuration Manual](#)
- [Click Here for the Release Notes](#)

Once the license key is installed, additional documentation like reference manuals and such will also become accessible in the above documentation folder.

Installing OS PAL on Windows:

1. Download/Install OS PAL package for windows into the local drive
2. Install the OS PAL to a directory
3. Once installed, run the ospal.exe in OS PAL < installdir > or launch the OS PAL application from the windows desktop **menu: Programs>ospal**
4. Install the license key if you are provided with one (see section below for installing the license key). In this case, you will be able to re-build the demo applications or be able to create or port your own applications.

Installing license key

- Copy the key onto local drive
- Launch **ospal.exe** . Below the menu there will be a lot of icons. Select the icon that looks like a key, and under that choose “**install license**”
- **Browse** to the path where the license key is and then select install. OS PAL will process the key and will keep a copy of the license file inside the <installdir/license> folder

Documents:

- The documents are all available via OS PAL help menu and also copies can be found in the following OS PAL documentation folder:
- <installdir>/plugins/mapusoft.ospal.doc_1.3.8/enc_pdfs
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- Once the license key is installed, additional documentation like reference manuals and such will also become accessible in the OS PAL help menu and also inside the above documentation folder.