

Living Systems® Process Suite

Installation

Living Systems Process Suite Documentation

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Chapter 1

Main Page

Only single-user installation is supported, that is, PDS can be installed only on one computer for one user at a time.

Before installing PDS, make sure you have JDK installed. Optionally set the JAVA_HOME environment variable (If not set, you will need to enter the path to your JDK in PDS manually).

Important: If you plan on developing your custom Application User Interface, make sure to meet the [requirements of LSPS SDK](#). Also when deploying LSPS to your own server, make sure to use [a supported environment](#).

You can install PDS either using the [zip](#) file or using the [install binary with wizard](#), which will guide you through the installation process. Note that the latter is now deprecated.

1.1 Requirements

PDS requires the following:

- operating systems:

- Windows
- Linux
- Mac OS X

- Java:

- Oracle JDK 1.8

Important: We recommend to run JVM with at least `-Xms1024m`. However, the requirements of your environment may vary. Test your set up thoroughly.

- OpenJDK 1.8

Important: Currently running PDS over OpenJDK with OpenJ9 on *Mac OS* fails with the following exception: `JVMJ9VM015W Initialization error for library j9gc29(2): Failed to instantiate compressed references metadata. 200M requested`

This is probably due to <https://github.com/eclipse/openj9/issues/3371> and when run over OpenJDK 1.8 with Hotspot and Oracle JDK 1.8, the issues does not occur.

- Web browsers (for Application User Interface and Management Console):
 - Mozilla Firefox latest
 - Mozilla Firefox ESR latest
 - Internet Explorer 11, Edge (latest version)
 - Safari 9+
 - Google Chrome latest

Note: If you plan on developing your custom Application User Interface, make sure your environment meets the [product requirements](#).

1.2 Installing PDS Enterprise from the zip Package

Before you install PDS, make sure you have the following set up:

- Properly set up OpenJDK 1.8 or Oracle JDK 1.8.x
- Properly set up Maven 3.5.0 or later

To install PDS Enterprise, do the following:

1. Unzip the `lsps-designer` zip package for your operating system.
2. Copy the `lsps` license file to the extracted directory (referred to as `LSPS_HOME`).
3. To be able to generate a custom process application:
 - (a) Extract the `lsps-tools-repo` zip package with the LSPS repository to your system maven repository, typically `~/.m2/repository/`.
 - (b) Run the `designer` binary in the extracted `lsps-designer` folder.
 - (c) Go to **Window > Preferences > Classpath Variables**.
 - (d) Create the `M2_REPO` variable that points to the folder with the LSPS repository, for example, `/home/me/.m2/repository`

1.3 Installing PDS Enterprise Using Installer

Important: Installer packages are deprecated and will be removed in a future release. Consider using the zip package to install PDS.

Before installing PDS using Installer package `Setup-LSPS-Enterprise`, make sure you have JDK installed. Optionally set the `JAVA_HOME` environment variable (If not set, you will need to enter the path to your JDK manually).

To install Living Systems® Process Design Suite, do the following:

1. Run the `Setup-LSPS-Enterprise-$VERSION` file.
2. Select the Java PDS should use. If no Java is available, a Java will be installed automatically.
3. Follow the installation steps.
4. Make sure to set as the target install location **an empty folder**.

The installation wizards installs Living Systems® Process Design Suite on your computer with the Embedded server and optionally the LSPS repository with resources for the [Application User Interface](#) so you can develop your custom Process Application.

The settings provided during the installation are stored in the `lsps-design-$VERSION.ini` file in the LSPS folder.

1.4 Launching

To launch the Process Design Suite, do the following:

1. Go to `$LSPS_HOME`.
2. Run the `lsp-design` binary for your platform.
3. In the Workspace Launcher dialog box, choose a workspace folder and click OK.

If the chosen workspace folder does not exist, it will be created. A workspace is a folder, where the resources stored during the session are located. Its content is reflected in the workbench.

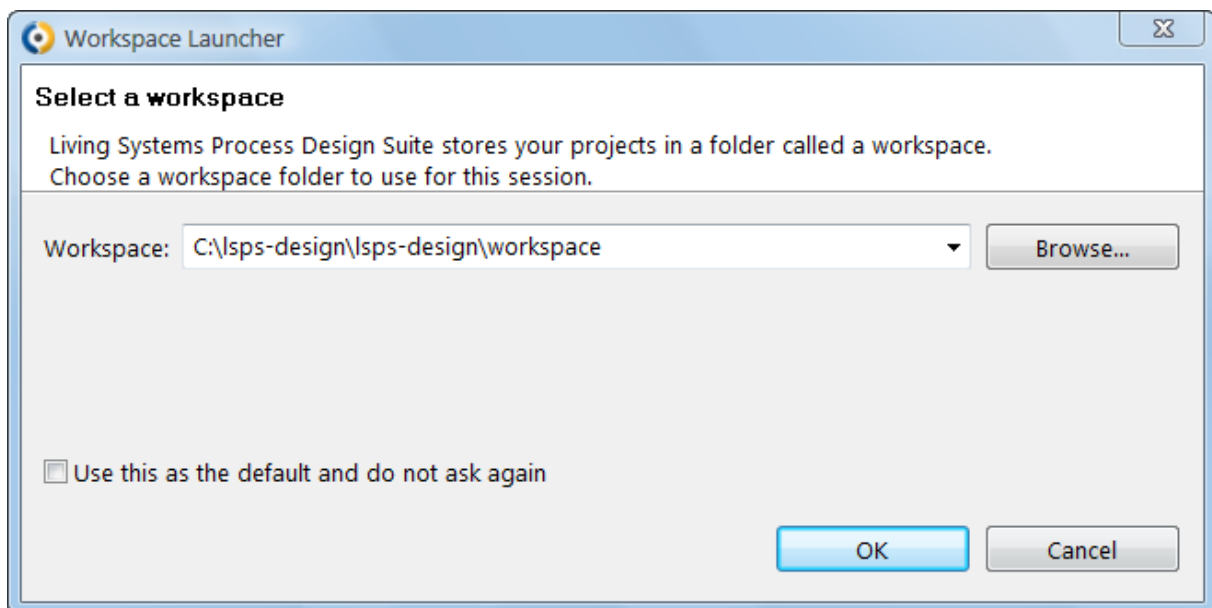


Figure 1.1 Workspace Launcher dialog

4. If you are launching PDS in a new workspace, PDS displays the Welcome page with links to perspectives, documents, and other PDS resources.

Note: The Welcome command is not available, if all perspectives are closed. To activate the Welcome command, open a Process Design Suite perspective: go to Window -> Open Perspective -> Other and in the Open Perspective dialog box, click a Process Design Suite perspective (You can display it at any point from the main menu Help -> Welcome item).

Refer to one of the following for further instruction:

- [Quickstart](#) to get a brief introduction to PDS and BPMN
- [Academy](#) to learn how to use PDS and create BPMN processes
- [Creating Custom Application](#) to learn how to generate and modify the Application User Interface: This guide is intended for developers of custom solutions.

1.5 Changing JVM and Maven Properties

To change JVM and Maven properties after you have already installed LSPS, edit the `$LSPS_HOME/lsp-design.ini` file (on 64-bit architectures `$LSPS_HOME/lsp-design_64.ini`).

Note: To use your system Java as defined by `JAVA_HOME`, you can delete the `-vm` property, since the system Java is used by default.

1.6 Renewing License

To renew an expired license, copy the new license file into `$LSPS_HOME`. On Mac, place the license in `$LSPS_HOME/Process Design Suite/Contents/Eclipse/` directory.

1.7 Uninstalling

To uninstall Process Design Suite, run the uninstall file:

- Windows: `$LSPS_HOME\uninstall.bat`
- Linux/MacOS: `$LSPS_HOME/uninstall` or delete the `$LSPS_HOME` directory

Alternatively, delete the `$LSPS_HOME` directory and the related workspace directories.
