



# PADS® User Settings Migration Guide

PADS 9.4

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# Chapter 1

## User Settings Migration

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Use the PADS User Settings Migration tool to extract your settings from one installation of PADS Logic, Layout, and Router and import them into another installation or version. You could migrate your settings to multiple machines in a corporate setting. You can also use start-up options, known as command line switches, to control the initial configuration.

Previous versions from which you can migrate user settings include: PADS 2007.x, PADS 9.0.x, and PADS 9.1.

## Creating the User Settings File

Extract your user settings from a PADS version to create a user settings migration (.pds) file. Use the settings file to migrate your settings to any current installation.

### Procedure

1. **Start** menu > **Programs** > **Mentor Graphics SDD** > **PADS <latest\_release>** > **PADS Settings Migration**.
2. In the [PADS User Settings Migration dialog box](#), select **Extract**.
3. Click the browse button (...) next to the PADS Version box.
4. In the [Select Version dialog box](#), select the version from which you want to extract your settings and click **Select**.
5. Click **Extract**.
6. In the Save As dialog box, navigate to the location you want to place the file, name the file, and click **Save**.  
**Result:** The settings file, <filename>.pds, is created containing all of your settings. Use this file to migrate your settings to any other current PADS installation.
7. **Optional:** Click the **Show report** button to view the log file, usmlog.txt which contains any errors the migration tool encountered.
8. [Migrate the settings extracted into the user settings migration file into another PADS installation.](#)

## Migrating User Settings

Migrate your settings from a user settings migration (.pds) file to any current installation of PADS Logic, Layout, and Router.

### Requirement

The settings file (.pds) must be extracted before you can migrate your settings. For more information, see [Creating the User Settings File](#).

You can run the Migration tool to extract the settings, or you can check for a settings file that may have been automatically created for you. When you install PADS 9.2, the User Setting Migration tool checks for a previous version on your machine. If one is found, the following file is created:

```
..\MentorGraphics\<latest_release>\SDD_home\settings\exportedPreviousVersion.pds.
```

### Procedure

1. **Start** menu > **Programs** > **Mentor Graphics SDD** > **PADS <latest\_release>** > **PADS Settings Migration**.
2. In the [PADS User Settings Migration dialog box](#), select **Migrate**.
3. Click the browse button next to the PADS Version box.
4. In the [Select Version dialog box](#), select the version to which you want to migrate your settings and click **Select**.
5. Click the browse button next to the Settings file box.
6. In the Open dialog box, select the .pds file that contains the settings you extracted and click **Open**.
7. In the Migration options area, select the specific user settings you want to migrate, or click **Load options** to load a previously saved Migration Options file.

**Tip:** Click the check box next to the top-level group to select all options in that group: Application Settings, Paths, or File.

**Warning:** If you haven't customized the directories section of your .ini files, you probably shouldn't select the *Directories settings* check boxes. If you migrate the directories settings from a previous release, the migration process will create new files in your old software directory for use by the new software.

For example: If you migrate the Layout Directories Settings, the default.asc file from 9.1 (C:\MentorGraphics\9.1PADS\SDD\_HOME\Settings\default.asc) is overwritten by the new migration-generated default.asc file. The default.asc file located in the 9.2 Settings folder (C:\MentorGraphics\9.2PADS\SDD\_HOME\Settings\default.asc) is not used.

8. To use the standard libraries and scripts paths instead of the ones stored in the Settings file, click **Do not overwrite path to standard libraries and scripts**.

9. To use the default files instead of the ones stored in the Settings file, click **Do not overwrite default files**.
10. To save the Migration Options, including the option to overwrite paths and files:
  - a. Click **Save options**.
  - b. In the Save As dialog box, navigate to the location you want to place the file, name the file, and click **Save**.  
  
**Tip:** This is very useful if you are migrating settings to multiple software installations. It will save you from having to manually set the migration options each time.
11. Click **Migrate**.
12. **Optional:** Click the **Show report** button to view the log file, usmlog.txt which contains any errors the migration tool encountered.

## Result

The settings are imported to the version you indicated in Step 4.

## Start-up Options

Use command line switches to enable different options, to open a configuration file, and to determine if you are extracting or migrating.

## Extracting

Start the User Settings Migration tool by using the following command:

```
UserSettingsMigration.exe -export <USM.cfg>
```

Where <USM.cfg> is the complete path and file name you want for your configuration file that will contain your user settings.

## Migrating

Start the User Settings Migration tool by using the following command:

```
UserSettingsMigration.exe -import <USM.cfg>
```

Where <USM.cfg> is the complete path and file name of the configuration file that contains your user settings.

## **PADS User Settings Migration Dialog Box**

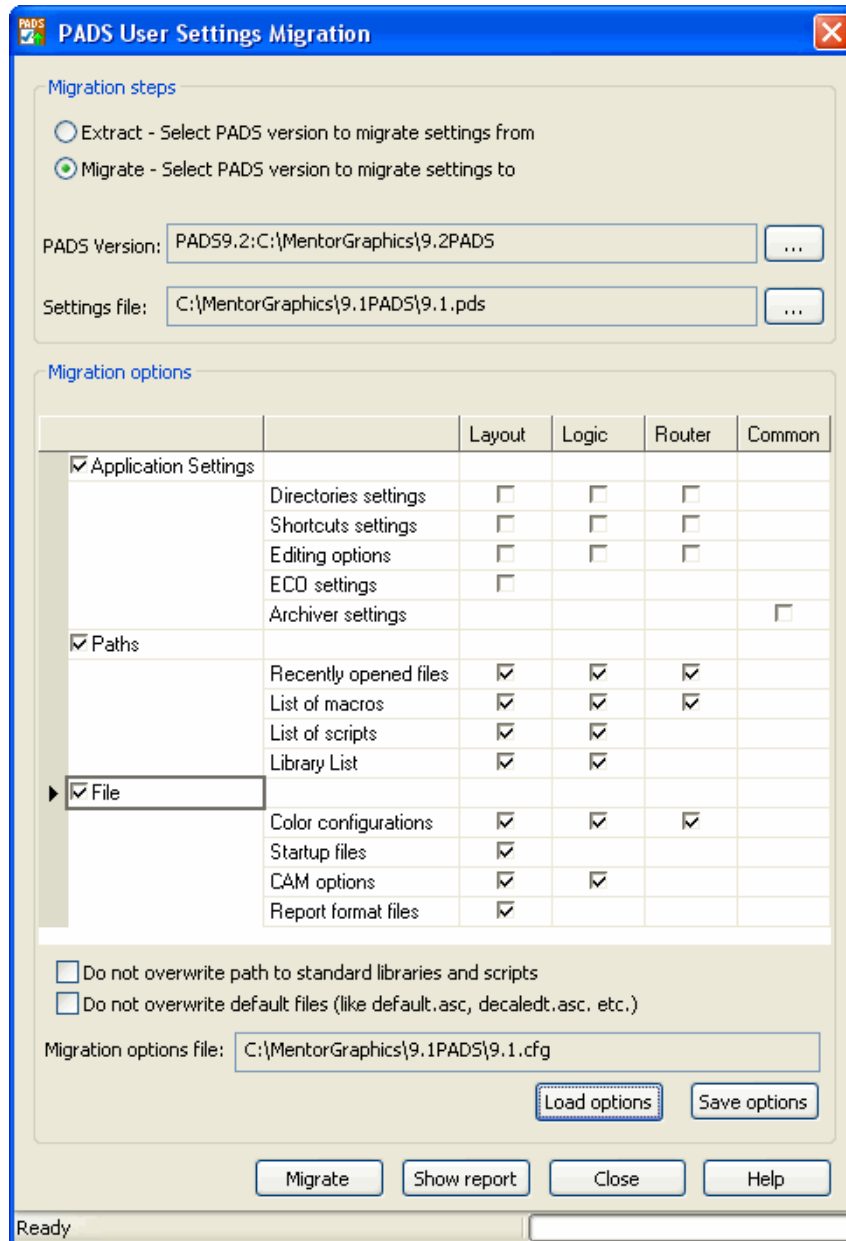
Use the PADS User Settings Migration dialog box to extract your settings from an installation of the PADS products and import them into another. You can import settings from an older version to the current version or you can also import your settings onto multiple machines.

### **Accessing**

- **Start menu > Programs > Mentor Graphics SDD > PADS <latest\_release> > PADS Settings Migration**



**Figure 1-1. User Settings Migration Dialog Box**



**Table 1-1. User Settings Migration Dialog Box contents**

Name	Description
<b>Extract</b>	Specifies to extract your settings from a specific PADS version into a user settings migration file (<filename>.pds). <b>Restriction:</b> Migration options are ignored. All setting are extracted. You choose migration options during Migrate.

**Table 1-1. User Settings Migration Dialog Box contents (cont.)**

Name	Description
<b>Migrate</b>	Specifies to migrate your settings from a user settings migration file (<filename>.pds) to a specific PADS version.
<b>PADS Version</b>	<p>Specifies the PADS version for extraction or migration.</p> <ul style="list-style-type: none"> <li>• If you selected Extract, this specifies the version from which to extract your settings.</li> <li>• If you selected Migrate, this specifies the version you want to bring the settings to.</li> </ul> <p><b>Restriction:</b> You cannot type in this box. You must use the browse button to open the Select Version dialog box where you can choose from installed versions.</p>
<b>Settings file</b>	<p>Specifies the .pds file to use for migration. This file is created during the extraction process.</p> <p><b>Restriction:</b> Available for Migration only.</p>
<b>Migration options area</b> —Specifies the specific options you want to migrate for each PADS product.	
Directories settings	<p>Migrates your [directories] section paths from the .ini file. This is processed first to allow the remainder of migration settings to use the directory locations.</p> <p><b>Warning: If you haven't customized the directories section of your .ini file, you shouldn't select this check box. If you migrate the directories settings from a previous release, the migration process will create new files in your old software directory for use by the new software.</b></p> <p>For example: If you migrate the Layout Directories Settings, the default.asc file from 9.1  (C:\MentorGraphics\9.1PADS\SDD_HOME\Settings\default.asc) is overwritten by the new migration-generated default.asc file. The default.asc file located in the 9.2 Settings folder (C:\MentorGraphics\9.2PADS\SDD_HOME\Settings\default.asc) is not used.</p>
Do not overwrite path to standard libraries and scripts	Specifies to migrate settings unless they overwrite paths to standard libraries or scripts.
Do not overwrite default files (like default.asc, decaledt.asc. etc.)	Specifies to migrate settings unless they overwrite the default files.
Migration options file	<p>Specifies the user settings migration configuration file (.cfg). You can save your settings from this dialog box for reuse.</p> <ul style="list-style-type: none"> <li>• <b>Save options</b>—click to save your settings to a Migration options (.cfg) file.</li> <li>• <b>Load options</b>—click to load a Migration options (.cfg) file.</li> </ul>

**Table 1-1. User Settings Migration Dialog Box contents (cont.)**

Name	Description
Extract or Migrate button	Starts the extraction or migration process. The state of this button depends on what process you choose: Extract or Migrate.
Show report	Opens the Migration log in a text editor. The report only displays information after an extract or migrate process.

## Related Topics

[Creating the User Settings File](#)

[Migrating User Settings](#)

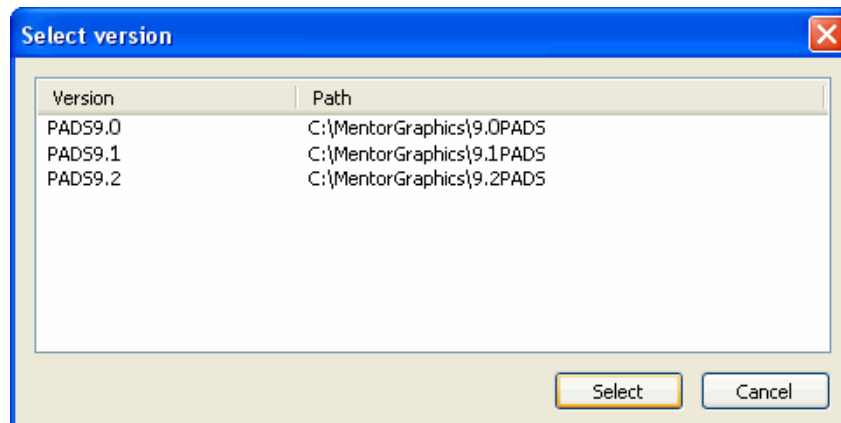
# Select Version Dialog Box

Use the Select Version dialog box to determine the version you want to extract from or migrate to.

## Accessing

- **Start menu > Programs > Mentor Graphics SDD > PADS <latest\_release> > PADS Settings Migration > Browse button next to PADS Version**

**Figure 1-2. Select Version Dialog Box**



**Table 1-2. Select Version Dialog Box contents**

Name	Description
<b>Version</b>	The version you want to extract from or migrate to.

**Table 1-2. Select Version Dialog Box contents (cont.)**

Name	Description
<b>Path</b>	The location of the version you want to extract from or migrate to.

## Related Topics

[PADS User Settings Migration Dialog Box](#)

[Creating the User Settings File](#)

[Migrating User Settings](#)

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13. **TERMINATION AND EFFECT OF TERMINATION.** If a Software license was provided for limited term use, such license will automatically terminate at the end of the authorized term.
- 13.1. Mentor Graphics may terminate this Agreement and/or any license granted under this Agreement immediately upon written notice if Customer: (a) exceeds the scope of the license or otherwise fails to comply with the licensing or confidentiality provisions of this Agreement, or (b) becomes insolvent, files a bankruptcy petition, institutes proceedings for liquidation or winding up or enters into an agreement to assign its assets for the benefit of creditors. For any other material breach of any provision of this Agreement, Mentor Graphics may terminate this Agreement and/or any license granted under this Agreement upon 30 days written notice if Customer fails to cure the breach within the 30 day notice period. Termination of this Agreement or any license granted hereunder will not affect Customer's obligation to pay for Products shipped or licenses granted prior to the termination, which amounts shall be payable immediately upon the date of termination.
- 13.2. Upon termination of this Agreement, the rights and obligations of the parties shall cease except as expressly set forth in this Agreement. Upon termination, Customer shall ensure that all use of the affected Products ceases, and shall return hardware and either return to Mentor Graphics or destroy Software in Customer's possession, including all copies and documentation, and certify in writing to Mentor Graphics within ten business days of the termination date that Customer no longer possesses any of the affected Products or copies of Software in any form.
14. **EXPORT.** The Products provided hereunder are subject to regulation by local laws and United States government agencies, which prohibit export or diversion of certain products and information about the products to certain countries and certain persons. Customer agrees that it will not export Products in any manner without first obtaining all necessary approval from appropriate local and United States government agencies.
15. **U.S. GOVERNMENT LICENSE RIGHTS.** Software was developed entirely at private expense. All Software is commercial computer software within the meaning of the applicable acquisition regulations. Accordingly, pursuant to US FAR 48 CFR 12.212 and DFAR 48 CFR 227.7202, use, duplication and disclosure of the Software by or for the U.S. Government or a U.S. Government subcontractor is subject solely to the terms and conditions set forth in this Agreement, except for provisions which are contrary to applicable mandatory federal laws.
16. **THIRD PARTY BENEFICIARY.** Mentor Graphics Corporation, Mentor Graphics (Ireland) Limited, Microsoft Corporation and other licensors may be third party beneficiaries of this Agreement with the right to enforce the obligations set forth herein.
17. **REVIEW OF LICENSE USAGE.** Customer will monitor the access to and use of Software. With prior written notice and during Customer's normal business hours, Mentor Graphics may engage an internationally recognized accounting firm to review Customer's software monitoring system and records deemed relevant by the internationally recognized accounting firm to confirm Customer's compliance with the terms of this Agreement or U.S. or other local export laws. Such review may include FLEXlm or FLEXnet (or successor product) report log files that Customer shall capture and provide at Mentor Graphics' request. Customer shall make records available in electronic format and shall fully cooperate with data gathering to support the license review. Mentor Graphics shall bear the expense of any such review unless a material non-compliance is revealed. Mentor Graphics shall treat as confidential information all information gained as a result of any request or review and shall only use or disclose such information as required by law or to enforce its rights under this Agreement. The provisions of this Section 17 shall survive the termination of this Agreement.
18. **CONTROLLING LAW, JURISDICTION AND DISPUTE RESOLUTION.** The owners of certain Mentor Graphics intellectual property licensed under this Agreement are located in Ireland and the United States. To promote consistency around the world, disputes shall be resolved as follows: excluding conflict of laws rules, this Agreement shall be governed by and construed under the laws of the State of Oregon, USA, if Customer is located in North or South America, and the laws of Ireland if Customer is located outside of North or South America. All disputes arising out of or in relation to this Agreement shall be submitted to the exclusive jurisdiction of the courts of Portland, Oregon when the laws of Oregon apply, or Dublin, Ireland when the laws of Ireland apply. Notwithstanding the foregoing, all disputes in Asia arising out of or in relation to this Agreement shall be resolved by arbitration in Singapore before a single arbitrator to be appointed by the chairman of the Singapore International Arbitration Centre ("SIAC") to be conducted in the English language, in accordance with the Arbitration Rules of the SIAC in effect at the time of the dispute, which rules are deemed to be incorporated by reference in this section. This section shall not



restrict Mentor Graphics' right to bring an action against Customer in the jurisdiction where Customer's place of business is located. The United Nations Convention on Contracts for the International Sale of Goods does not apply to this Agreement.

19. **SEVERABILITY.** If any provision of this Agreement is held by a court of competent jurisdiction to be void, invalid, unenforceable or illegal, such provision shall be severed from this Agreement and the remaining provisions will remain in full force and effect.
20. **MISCELLANEOUS.** This Agreement contains the parties' entire understanding relating to its subject matter and supersedes all prior or contemporaneous agreements, including but not limited to any purchase order terms and conditions. Some Software may contain code distributed under a third party license agreement that may provide additional rights to Customer. Please see the applicable Software documentation for details. This Agreement may only be modified in writing by authorized representatives of the parties. Waiver of terms or excuse of breach must be in writing and shall not constitute subsequent consent, waiver or excuse.

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