



**PTC[®] Arbortext[®] Editor[™],
PTC[®] Arbortext[®] Styler[™],
and
PTC[®] Arbortext[®] Architect[™]
Release Notes
PTC Arbortext 6.1 M030**

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About this Guide

The *PTC Arbortext Editor*, *PTC Arbortext Styler*, and *PTC Arbortext Architect Release Notes* contain release information for the 6.1 M030 release of PTC Arbortext Editor and its optional modules. These release notes document the changes and new features in this release of PTC Arbortext Editor, as well as any known limitations. If you are upgrading from a version prior to PTC Arbortext Editor 6.1 F000, refer to the release notes of any interim versions by visiting the Reference Documents area of www.ptc.com/support.

Changes to documentation and the software itself may occur after the publication of these release notes. For documentation updates and descriptions of software functionality changes, alternative techniques, and common software issues, review the available Solutions using the Update Advisor also available in the Support area at <http://www.ptc.com>.

For a list of software fixes included in this release, please refer to the Reference Documents section of www.ptc.com/support.

Prerequisite Knowledge

To use the information in these release notes, you should be familiar with the operating system at your site and with standard system administration tasks.

Technical Support

Contact PTC Technical Support using the PTC website, email, phone, or fax if you encounter problems using your product or the product documentation.

Use the Contact Support links on the PTC website at:

<http://www.ptc.com/support/>

The PTC website also provides a search facility for technical documentation of particular interest. To access this search facility, use the URL above and select Search Our Knowledge.

You must have a Service Contract Number (SCN) before you can receive technical support. If you do not have an SCN, contact PTC Maintenance Department using the contact instructions found in your Customer Support Guide.

Documentation for PTC Products

You can access PTC product documentation using the following resources:

- Online Help
Click **Help** from the user interface for online help available for the product.
- Reference Documents
Individual product manuals are available from the Reference Documents link of the PTC website at the following URL:
<http://www.ptc.com/support/>
- Help Center
Help Centers for the most recent product releases are available from the PTC website at the URL given below. Select the Support Center for the relevant products to access the Help Centers link.
<http://www.ptc.com/support/>

You must have a Service Contract Number (SCN) before you can access the Reference Documents or Help Centers links. If you do not have an SCN, contact PTC Maintenance Department using the contact instructions found in your Customer Support Guide.

Global Services

PTC Global Services delivers the highest quality, most efficient and most comprehensive deployments of the PTC Product Development System including PTC Creo, PTC Windchill, PTC Arbortext, and PTC Mathcad. PTC's Implementation and Expansion solutions integrate the process consulting, technology implementation, education and value management activities customers need to be successful. Customers are led through Solution Design, Solution Development and Solution Deployment phases with the continuous driving objective of maximizing value from their investment.

Contact your PTC sales representative for more information on Global Services.

Comments

PTC welcomes your suggestions and comments on our documentation. You can submit your feedback to the following email address:

arbortext-documentation@ptc.com

Please include the following information in your email:

- Name
- Company
- Product
- Product Release
- Document or Online Help Topic Title
- Level of Expertise in the Product (Beginning, Intermediate, Advanced)
- Comments (including page numbers where applicable)

Documentation Conventions

This guide uses the following notational conventions:

- **Bold text** represents exact text that appears in the program's user interface. This includes items such as button text, menu selections, and dialog box elements. For example,
Click **OK** to begin the operation.
- A right arrow represents successive menu selections. For example,
Choose **File ▶ Print** to print the document.
- `Monospaced text` represents code, command names, file paths, or other text that you would type exactly as described. For example,
At the command line, type `version` to display version information.
- *Italicized monospaced text* represents variable text that you would type. For example,
`installation-dir\custom\scripts\`
- *Italicized text* represents a reference to other published material. For example,
If you are new to the product, refer to the *Getting Started Guide* for basic interface information.

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Release Requirements and Support

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Platform Support

For a complete list of supported platforms, including post-release updates, refer to www.ptc.com/partners/hardware/current/support.htm. PTC only provides product support for PTC Arbortext Editor used on hardware or operating systems described here.

Browser Support

Browser support for web and HTML preview and output is listed in the software compatibility matrix for this release. Refer to www.ptc.com/partners/hardware/current/support.htm.

The Web/Wireless Composer is available on all PTC Arbortext Editor supported platforms and systems.

If this installation of PTC Arbortext Editor will be using Arbortext Publishing Engine to perform document publishing, Print Composer and/or the Web/Wireless Composer product options also must be installed on the PTC Arbortext Editor client to make the publishing menu choices available. These options are installed automatically when installing on Windows when you specify that Arbortext Publishing Engine is being used at your site.

Localization

This release of PTC Arbortext Editor supports English, French, German, Italian, Japanese, Korean, Simplified Chinese, Spanish, and Traditional Chinese localizations of the user interface and online help. Refer to the online help topic titled *LC-MESSAGES — Specifying the locale for user interface* for details on enabling alternate localizations of PTC Arbortext Editor.

As in previous releases, the topics targeted to document authors are localized in the online help. Localized online help will appear based on your system locale. You may need to set the *LC_MESSAGES* environment variable if the appropriate system locale is not enabled.

The CJK language locales (Chinese, Japanese, or Korean) are automatically enabled for the appropriate corresponding system locale in PTC Arbortext Editor.

The PTC Arbortext Editor online help and following documents are localized in this release:

- PTC Arbortext Editor Help
- *Installing PTC Arbortext Editor, PTC Arbortext Styler, and PTC Arbortext Architect*
- *PTC Arbortext Editor, PTC Arbortext Styler, and PTC Arbortext Architect Release Notes*

-
- *SPR Fixes Included with PTC Arbortext Editor and PTC Arbortext Publishing Engine*
 - *PTC Arbortext Editor Tutorial*

Support for IPv6

PTC Arbortext Editor and PTC Arbortext Publishing Engine support Internet Protocol version 6, or IPv6, networking. IPv6 has a much larger pool of unique internet addresses by having an extended internet address length of 128 bits. PTC Arbortext Editor clients on the same network as Arbortext Publishing Engine will need to use the same protocol as the server.

Note that the Arbortext Command Language (ACL) channel functions do not support IPv6.

Uninstalling PTC Arbortext Editor

If you need to uninstall PTC Arbortext Editor, be sure to log off and back on to your system before beginning the uninstall process. This ensures that the PTC Arbortext Editor will be completely removed from your system.

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Updates in this Release

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The following sections describe the new and changed features in this release. [SPR Fixes in this Release on page 18](#) describes where to find a list of specific fixes included in this release.

DITA Support Changes

New Resolved Document for Styling (RDS) Format to Support DITA Documents

An optional new format RDS supports the styling and publishing of DITA documents in this release. It has been updated to support other publishing processes and has some differences to the old format:

- No `ReferredTopics` section
- Does not contain all the metadata from topics in the `FlattenedMap` section
- Does not include some of the options controlled by `dita.ac1` (control of certain customizations)

You may see changes in the output from DITA content so ensure that you check the output to confirm that it still meets your requirements.

You can change to the new format RDS by setting the value of the `set ditanewusenewrds` command to `on`. By default it is set to `off`.

PTC Arbortext Styler Changes

Change to Context Matching for Index Content

In previous releases, context matching for an element occurring in an index acted as if the index was a discrete document. Context matching only considered the elements in the index. Now, context matching correctly takes into account the index's location in the larger document.

For example, a stylesheet context `_sfe:IndexHeading_Main_index` anywhere in `maint_index` would not have matched in previous releases (assuming that the `maint_index` element is outside the index). Now it will match if the index is located inside a `maint_index` element.

With this change, stylesheet writers have more control over the formatting of indexes. It is possible that output from existing stylesheets will change with this release, with some contexts that were not matched previously appearing in an index. Please check your output to ensure it still meets your requirements.

This changes applies when publishing with the APP engine.

UI Changes

The **Titles to include** field has been removed from the Table of Contents (TOC) list. Use the **Customize Title Contexts** option to open the **Customize Table of Contents** window, where you can select contexts to be included in a TOC.

PTC Arbortext Advanced Print Publisher (APP) Changes

New XML Configuration File for PDF Publishing

APP provides a new XML-based configuration file to support PDF publishing, *Arbortext-path\app\standard.appcf*. It contains the same default settings as the previous *standard.3sppdf* configuration file it replaces.

You can create and use custom versions of the file to support particular PDF publishing requirements. Open the file in PTC Arbortext Editor, make changes, and save it to a location where it can be located during a publish action:

- Publishing PDF from PTC Arbortext Editor or PTC Arbortext Styler — you can browse for a custom file, or locate it in the *APTCUSTOM\app* directory where APP will find it
- Publishing PDF via Arbortext Publishing Engine — a custom file must be located on the PE server, in any of these locations:
 - *Arbortext-path\app*
 - any *APTCUSTOM\app* directory
 - an application or custom *doctype\nnn* directory, where *nnn* is the short doctype name of the doctype of the document being published.

Note that files of type *.3sppdf* are no longer supported by PTC.

Refer to *PDF Configuration File for the APP engine* and *APP PDF Configuration File (standard.appcf)* in *PTC Arbortext Styler User's Guide* for information.

Publishing Changes

New Default Configuration File for APP Publishing

PDF publishing with the APP engine is now supported by a new XML-based configuration file, *standard.appcf*. The file is located at *Arbortext-path\app*. It contains the same default settings as the previous *standard.3sppdf* file.

The file is selected by default in the **Config File** field of all PDF publishing dialogs when the PTC Arbortext environment is set up to use the APP engine.

You can revert to the previous custom *.3sppdf* files for publishing. Browse for and select the required file in the **Use File** dialog, accessed by clicking **Browse** next to the **Config File** field. Select **Old-format files (*.3sppdf)** in file type drop down list. Note that files of type *.3sppdf* are no longer supported by PTC.

Refer to [PTC Arbortext Advanced Print Publisher \(APP\) Changes on page 15](#) for information.

Publishing Actions Removed from APP Preview Window

Print and **Save PDF File** actions have been removed from the APP Preview window in this release. Access these actions from the **File** menu in PTC Arbortext Editor.

PTC Server connection Changes

New User Authentication Process

The PTC Server connection now has an optional new authentication process that supports the following types of user authentication:

- User name and password authentication
- Forms-based authentication
- HTTPS client authentication

The process to connect to a PTC Server is changed, so that the initial options on the **Connect** dialog box only request the name of the PTC Server to which you want to connect. The dialog displayed after that depends on the type of authentication used by the server. Once the user is authenticated, the **Connect** dialog box enables you to select the context and workspace in which you want to work. For more information, refer to [Connecting to a PTC Server](#) in the PTC Arbortext Editor help.

In the case of HTTPS client authentication, no authentication dialog is displayed if only a single client certificate is available in the designated Microsoft Windows certificate store or stores. If multiple client certificates are available, a new [Authentication Required](#) dialog box displays enabling you to select the certificate to use for authentication.

The new authentication process is not used by default. There is a new *UseNewAuthentication* parameter in the *userprefs.xml* configuration file that specifies whether to use the new authentication. Set the value of this parameter to `True` to use the new process.

Supported Microsoft Windows Certificate Stores

The *SecurityCertificateStoreName* parameter in the *siteprefs.xml* configuration file now supports a new value `PTC_SEARCH_IN_ALL_KEY_STORES`. When the parameter is set to this value, the PTC Server connection searches all PTC supported Microsoft Windows certificate stores for the certificate specified in the *SecurityCertificateSerialNumber* parameter.

For more information, refer to [Configuration Files](#) in the *PTC Arbortext Content Management Guide*.

Automatic Workspace Creation

When the context you select in the **Connect** dialog box does not have a workspace, the PTC Server connection now creates one for you automatically. The default new workspace name is **Workspace on *context***. The new workspace is created when you click the **Finish** or **OK** button to connect to the PTC Server. If you want to create the new workspace with a name you choose, click the **New** button to open the **Create New Workspace** dialog box.

Translated Names in Information Structure Elements

If you have set the `PRO_LANG` environment variable on your system to a language for which the PTC Server has translated values available, the PTC Server connection now displays those translated values for the names of the following Information Structure elements:

- Information Structure root
- Information group

This only applies to a PTC Server running release 10.2 M022 or later.

Context Assignment When an Information Element is Opened from the PTC Server

When you use the **Open in Arbortext Editor** action in the PTC Server HTML interface to edit an information element, the default context and workspace to which that element is assigned has changed. If PTC Arbortext Editor is already running, the document opens in the currently active context and workspace. If PTC Arbortext Editor is invoked by the action, the document opens in the last active context and workspace. If the element is opened from a context of a workspace details page in the PTC Server HTML interface, then PTC Arbortext Editor will prompt you to change to this workspace before opening the element.

This only applies when the information element is opened from a folder, structure, or details page in a product or library context.

Environment Variable Changes

New Environment Variables

The following environment variables are new in this release:

APTJAVAVMMEMORY

This variable sets the size of the Java Virtual Machine (JVM) embedded in PTC Arbortext Editor. Its value should be an integer, which will be interpreted as the size of the JVM in megabytes.

This environment variable is similar in effect to the ACL `set javavmmemory` option. The value of `APTJAVAVMMEMORY` is processed on startup of PTC Arbortext Editor. The value of `set javavmmemory` is set when the command is called, which could be after PTC Arbortext Editor has started the JVM, depending on the installation. The size of the JVM must be determined before it starts — employing `APTJAVAVMMEMORY` ensures that is always is.

See `APTJAVAVMMEMORY` in the *PTC Arbortext Customizer's Guide* for more information.

SPR Fixes in this Release

The list of fixes for issues identified by and with the help of PTC Arbortext users can be found in the Reference Documents area of www.ptc.com/support. Fixes are categorized by product area and are ordered by Software Performance Report (SPR) number. Descriptions typically apply to the specific reported issue.

Search for *SPR Fixes Included with PTC Arbortext Editor and PTC Arbortext Publishing Engine* in the Release Notes category.

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Documentation supporting PTC Arbortext Editor and PTC Arbortext Publishing Engine is delivered in the PTC Arbortext Editor Help Center. Documentation for this and all recent releases can also be downloaded from the Reference Documents area of the PTC website at www.ptc.com/support.

PTC Arbortext Documentation

PTC Arbortext Editor comes with supporting documentation delivered in several methods.

- PTC Arbortext Editor online help thoroughly covers how to use PTC Arbortext Editor to create and edit documents; work with each of the PTC Arbortext Editor features, toolbars, menus, and dialog boxes; understand structured documentation; and how to customize PTC Arbortext Editor using the powerful Arbortext Command Language (ACL). Access the online help in PTC Arbortext Editor by choosing **Help ► PTC Arbortext Editor**.
- PTC Arbortext Styler (optional) online help provides instruction on using PTC Arbortext Styler to create simple to complex stylesheets for publishing to multiple outputs. Access the online help in PTC Arbortext Styler by choosing **Help ► PTC Arbortext Styler**.
- The Help Center is a complete library of all documentation supporting PTC Arbortext Editor, PTC Arbortext Styler, PTC Arbortext Architect, and Arbortext Publishing Engine. The PTC Arbortext Help Center contains the online help and all of the PDFs supporting these products. HTML versions of all PDF documents are also delivered in the Help Center.

Access the PTC Arbortext Help Center in PTC Arbortext Editor by choosing **Help ► Help Center**.

All online help and PDF documentation delivered with this release is current. Release versions identified on the covers of PDF documents state the most recent release in which the particular document's content was updated. The following PTC Arbortext PDF documents are included in this release.

Release notes and installation

- *PTC Arbortext Digital Media Publisher Release Notes*
- *PTC Arbortext Editor, PTC Arbortext Styler, and PTC Arbortext Architect Release Notes*
- *Installing PTC Arbortext Editor, PTC Arbortext Styler, and PTC Arbortext Architect*
- *Installing PTC Arbortext Publishing Engine*

Administration

- *PTC Arbortext Administrator's Guide*
- *PTC Arbortext Content Management Guide*
- *PTC Arbortext Digital Media Publisher Tutorial*
- *PTC Arbortext Document Types Guide*
- *PTC Arbortext Editor Deployment Kit Guide*

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- *Configuring PTC Arbortext Publishing Engine*
 - *PTC Arbortext Publishing Engine Test Utility User's Guide*

Authoring

- *PTC Arbortext Editor Tutorial*

Stylesheet development

- *PTC Arbortext Styler User's Guide*
- *PTC Arbortext Advanced Print Publisher for PTC Arbortext Styler Users*
- *PTC Arbortext Advanced Print Publisher Stylesheet Developer's Guide*
- *PTC Arbortext Advanced Print Publisher Formatting Object Model Reference*
- *PTC Arbortext FOSI Reference*
- *PTC Arbortext XSL Support (PTC Arbortext 5.2)*
- *MIL-PRF 28001C — Appendix B: PTC Arbortext Print Composer Support Version*

Programming

- *PTC Arbortext Customizer's Guide*
- *PTC Arbortext Content Pipeline Guide*
- *PTC Arbortext Digital Media Publisher Developer's Guide*
- *PTC Arbortext Programmer's Reference*
- *PTC Arbortext Publishing Engine Programmer's Guide*
- *PTC Arbortext Import Reference*
- *PTC Arbortext Import Tutorial*
- *Arbortext Command Language Reference*

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