PROGRESS SOFTWARE

Progress® Artix® Data Services

Release Notes

Version 3.9, May 2009

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Artix Data Services 3.9

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New Features

The following features are new in Artix Data Services (ADS) 3.9:

- Progress DataXtend SI Support
- Additional Metadata Added to HTML Export Feature
- Excel Spreadsheet Support
- XQuery Added as Validation Rule Option
- Transformation Collaboration
- Runtime Support for IBM AIX
- Installer Converted to InstallAnywhere
- Product Branded as Progress
- New and Updated Standards Libraries

Progress DataXtend SI Support

ADS now ships with a plug-in that you can add to Progress DataXtend Semantic Integrator 8.4. This allows DataXtend SI developers to import and work with ADS data models in the DataXtend SI Workbench.

See the Installation Guide and the “DataXtend SI Integration” topic in the User Guide for details.

Additional Metadata Added to HTML Export Feature

The output that results from exporting a data model to HTML has been improved to include the content of validation rules.

See the “Exporting to an HTML File” topic in the User Guide for details.

Excel Spreadsheet Support

You can import a data model from a Microsoft Excel spreadsheet created in the default file format using Excel 97 or later.

See the “Importing from an Excel Spreadsheet” topic in the User Guide for details.

XQuery Added as Validation Rule Option

You can now specify an XQuery as a validation rule in ADS Designer.

See the “Validation Rules” topic in the User Guide for details.

Transformation Collaboration

Developers can now collaborate more easily on the same transformation file. The XML in transformations has been changed to allow for easier merging using source control management tools.

See the “Collaborating on Transformations” topic in the User Guide for details.

Runtime Support for IBM AIX

Deployment options for ADS have been expanded with the addition of runtime support for IBM AIX 5.3. See the Installation Guide for a full list of supported platforms.

Installer Converted to InstallAnywhere

The ADS 3.9 installer programs for Windows and Linux were built with InstallAnywhere 2008. Previous installers were built with InstallShield. See the Installation Guide for details.

Product Branded as Progress

The product has been fully rebranded as Progress Artix Data Services and the installer and ADS Designer programs now include the Progress look and feel.

New and Updated Standards Libraries

New and updated Artix Data Services Standards Libraries include:

- SWIFT MT SR2009
- SWIFTNet Trade Services Utility 2.0.0
- SWIFTNet Transaction Reporting 1.0.0
- SWIFTNet Worker's Remittances 1.0.0
- STEP2 SDD 3.2.0

For details on supported standards visit:

http://web.progress.com/artix-data-services/artix_data_services_index.html

Migration Issues

If you are migrating to Artix Data Services 3.9 you should bear in mind that you cannot open the 3.9 versions of the following in earlier versions of ADS:

- Transformations—due to changes to the XML resulting from the collaboration feature
- Standards libraries
- Data models that include XQuery validation rules

Known Issues

The following are known issues in Artix Data Services 3.9:

Table 1: *Known Issues in Artix Data Services 3.9*

ID	Description	Details
PUB-4031	Export fails when exporting to Relax NG Compact	Exporting a data model that contains an `anySimpleType` attribute results in an export failure.
PUB-5011	Export to DTD fails for DTCC FundSERV	In the DTCC FundSERV standards library, exporting the `FundSERV.dod` as a DTD fails with an exception.

Table 1: *Known Issues in Artix Data Services 3.9 (Continued)*

ID	Description	Details
PUB-5043	Import spreadsheet exception if overwrite of existing model declined	When importing from an Excel spreadsheet, creating a model of the same name in the same folder throws an exception if you choose not to overwrite the existing model.
PUB-5107	No runtime support for XML documents with nil elements	Setting an element as nillable in a data model throws a ParserException when you try to parse and transform an instance document.
PUB-5116	Cut and paste of local transformation containing an instantiator causes an error	If you cut and paste a local transformation containing an instantiate function and then save the transformation, a SAXParseException is thrown. To workaround, re-create the instantiator manually in the new transform.
PUB-5286	ADS files remain as unknown file type after install.	After installing ADS, `.iop`, `.dod`, and `.tfd` files still appear as unknown file types. A restart is required.
PUB-5295	XQuery Editor allows the self import of the XQuery module	When adding an XQuery validation rule to a data model, the XQuery Editor allows you to enter an XQuery module that references itself.
PUB-5360	Uninstaller fails to remove some files on Linux	Running the uninstaller on Linux fails to remove the *`ADS_Home`*`/uninstall/uninstall_jre` directory.

Table 1: *Known Issues in Artix Data Services 3.9 (Continued)*

ID	Description	Details
PUB-5367	Problem creating folder in Import Spreadsheet Wizard	In the Model Directory panel of the Import Spreadsheet wizard, clicking the New Folder icon and entering a folder name does not create a new folder. You must select a root directory before trying to create the new folder.
PUB-5379	ADS files do not automatically revert to unknown file type after uninstall	After uninstalling ADS, `.iop`, `.dod`, and `.tfd` files do not automatically revert to unknown file types. A restart is required.
PUB-5411	Linux installer fails to detect previous version	The Linux installer fails to check for the presence of a previous version of ADS.
PUB-5455	Linux installer allows overwrite of existing installation	The Linux installer does not check for the presence of an existing ADS installation in the target location, allowing you to install the product multiple times into the same directory.
PUB-5518	Atomic Simple Type Wizard does not register last entered property	When using the Atomic Simple Type Wizard to add an atomic simple type to a data model, entering a property in the Type Properties panel and then clicking **Finish** results on the property not appearing in the Properties window for the atomic simple type. To workaround, enter the property in the Type Properties panel and press **Enter** before clicking **Finish**.

Table 1: *Known Issues in Artix Data Services 3.9 (Continued)*

ID	Description	Details
PUB-5584	Transform marked as modified after executing **Run** command	When you run a transformation, an asterisk appears next to the transformation name, indicating that it has been modified. However, no change has been made to the XML in the `.tfd` file.
PUB-5604	Selecting node on Validation Error Panel causes focus to move first node in panel	If you try to select a node in the Validation Errors panel by clicking on it, the focus jumps to the first node in the panel. To workaround, double-click on the node you want to select.

Fixed Bugs

The following bugs have been closed in Artix Data Services 3.9:

Table 2: *Bugs Fixed in Artix Data Services 3.9*

ID	Description
PUB-655	ClearCase integration
PUB-1788	Add Excel to text file import
PUB-2316	Installation procedure with a licence key is not obvious
PUB-2921	Need to be able to define numeric enumeration ranges for character subfields in SWIFT
PUB-3351	Provide access to thread local context in SAXSource so that parsers can be nested
PUB-3979	Clear prefs leaves a lot of registry entries
PUB-4365	Add the ability to query the length of a complex data type
PUB-4510	Allow the ability to exclude a Global Element from the Document Root

Table 2: *Bugs Fixed in Artix Data Services 3.9 (Continued)*

ID	Description
PUB-4517	Transform Export to HTML stack dump or not working
PUB-4633	Making a change to a text file and hitting Ctrl-S it doesn't save it
PUB-4773	Add ClearCase 'update view' functionality from within tool
PUB-4774	Add ClearCase 'undo checkout' functionality
PUB-4783	Strict Namespaces in Advance Settings in Viewer acting inconsistently
PUB-4792	Choose Derive Type dialog is shown when running a previous configuration in the viewer
PUB-4793	Add ClearCase source control check out capability to project iop file right mouse click menu
PUB-4800	Copying a simple type doesn't work
PUB-4820	Creating a simple type does not always create it
PUB-4826	Persistence exception thrown when basing complex type on a recently used complex type
PUB-4896	Error message when manually creating data models
PUB-4930	More details in export data
PUB-4934	Parser reporting failure to find CrLf in field in CREST model
PUB-4954	Out of memory errors when generating HTML report for `itinerarySeatRefreshRS.tfd`
PUB-4966	Export `FundSERV.dod` to Relax NG Compact and Relax NG XML produces empty file
PUB-4976	Make it easier to create a global element
PUB-5165	Null Pointer Exception opening Run Configuration for a transformation