

ETI Solution[®] Release Notes

Regarding ETI Solution 5.0.1, July, 2002

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1 PLATFORM SUPPORT

ETI Solution® 5.0.1 is now available to all ETI Solution customers. Evolutionary Technologies International® (ETI™) recommends that existing customers upgrade to this new release as soon as possible to facilitate development and implementation of conversions.

1.1 Supported Platforms

For a list of supported platforms for ETI Solution 5.0 please refer to your *ETI Solution Administration Guide, Appendix E*.

1.2 Required Operating System Patches

At the time these release notes were written, operating system patches were required for all supported platforms. For the most current list of required operating system patches, select the **Current Operating System Patches for ETI Solution** option underneath the **Hardware Specs** section on the ETI AnswerLink website:

<http://www.eti.com/answerlink>

1.3 Obsolete Hardware, Operating Systems, and Releases

ETI Solution 5.0 no longer supports Solaris 2.6.

2 PRODUCT INTER-OPERABILITY

2.1 ETI Data System Libraries

ETI Solution 5.0 can be used with any supported ETI Data System Library (DSL) or ETI Starter Kit. The following DSL components are required for use with ETI Solution:

- The DSL for Shared Objects release 4.2.2 (or later) is required.
- The DSL for Tcl Functions 4.2.1 (or later) is required.
- DSL upgrade kits for ETI Solution Version 5
- CETutorial Release 6 or later is required.

2.2 ETI•Impact Analyst 5.0

ETI•Impact Analyst 5.0 ships with the ETI Solution 5.0 release and will be automatically installed on the MetaStore Server and Integration Architect Client systems.

3 INSTALLATION

To install ETI Solution, follow the installation instructions included in the document titled "Quick Install Guide.html" located on your ETI Solution for Windows distribution CD. You must use Internet Explorer Browser to run the Quick Install Guide.

3.1 Using NFS Maestro with Integration Clients

If you are using NFS Maestro to provide file system access for your ETI Solution Integration Clients, then special setup may be required to ensure that the Integration Client is able to follow symbolic links correctly. Each file system traversed by the symbolic link must be shared (that is, exported) on the MetaStore™ Server. Additionally, the Integration Client must map a drive to each exported file system.

3.2 Installation on Windows

The **Browse** button for the "Open MetaStore" dialog may not work correctly for Integration Specialist Clients installed on Windows NT or Windows 98. The dialog may return an empty list of directories. The directory browser requires the Microsoft Windows Management Instrumentation (WMI) Core 1.5 to be installed in order to work correctly. This software can be downloaded from the following location:

<http://msdn.microsoft.com/downloads/default.asp?url=/downloads/sample.asp?url=/MSDN-FILES/027/001/576/msdncompositedoc.xml>

3.3 Requesting Patches, Upgrade Kits and IM Packages

Available product patches, DSL upgrade packages and IM packages are automatically shipped with your DSL distribution CD.

To download or get a listing of currently available patches, upgrades or IM packages, go to the AnswerLink Software Downloads site: <http://www.eti.com/answerlink>

To request shipment of patches, upgrades or IM Packages on CD or via email, you can contact the AnswerLine or by using the product update form online:

<http://www.eti.com/answerlink/request>

4 ETI Solution Documentation

4.1 ETI Solution and ETI•EXTRACT

ETI is in the process of changing the product name from ETI•EXTRACT to ETI Solution. Some of the documentation has not been updated to reflect the new name.

4.2 Addendum for the ETI Solution Documentation

ETI Solution 5.0.0 ships with an addendum to the ETI Solution documentation. This file is named solution_addendum_50a.pdf and is located in the MetaStore Server doc directory with all the other documentation files. This addendum has information of interest to the Integration Architect and ETI Administrator.

The following topics are covered:

- Setup and Use of the Executive
- Administration
- Template Syntax Checker
- Template Functions Override
- Synchronize Conversions: Command line utility for resynchronizing your conversions

4.3 Adobe Acrobat Reader

Adobe Acrobat Reader is not shipped with ETI Solution. If you do not have the latest version of Adobe Acrobat Reader, you can download it from the Adobe website, <http://www.adobe.com/>. Locate the link for downloading Acrobat Reader on the Adobe website. (At the time of publication of this document, a “Get Acrobat Reader” icon is located on the Adobe home page.) Select the version for your platform, and include the option for searching PDF files.

5 DSL Upgrade Packages required for ETI Solution

For most DSLs, a minor change to the retrieve schema scripts is required in order to run the retrieve schema process from the Integration Client. The required changes are provided as a DSL upgrade package. Upgrade packages are available for all currently supported DSLs. In general, DA DSLs release 4.2.1 or later do not require upgrade packages, as all required changes have been incorporated into the released product.

5.1 Installing and Loading DSL Upgrade Packages

The following instructions and information is provided for installing and loading DSL Upgrade packages:

- Install the DSL upgrade package into the DSL-Install directory on the MetaStore Server
- Load the DSL upgrade package into each ETI Solution 5.0 MetaStore (new or migrated). You load upgrade packages like a DSL or patch from the DSLs tab of the ETI Administration utility.
- The DSL load program will attempt to automatically identify any patches (DA 4.2.0 or later) or upgrade kits which need to be applied to your MetaStore.
- It is recommended that you load DSL patches and upgrade kits prior to loading Consulting Packages and IM packages. DSL patches and the upgrade packages can be loaded in any order.
- When loading DSLs into a MetaStore, the DSL load program automatically detects available patches and upgrade packages for any DSL. The load program will prompt you to load any available patches and upgrade packages. ETI recommends that you autoloading patches and upgrades for any DSL identified.
- Upgrade packages are release specific and therefore the DSL load program will only allow you to load the packages that are associated with the specific DSL releases loaded in the MetaStore.
- Any changes provided by the upgrade packages will automatically be supplied with the next release of the associated DSL.

5.2 Information for customers migrating from ETI•EXTRACT

DSL upgrade packages are fully backward compatible and therefore they can be loaded into any MetaStore created under any ETI•EXTRACT release. However, the upgrade package is **only required** for ETI Solution 5.0.

The DSL load program may attempt to autoloading upgrade packages into existing MetaStores. Although upgrade packages are not required for ETI•EXTRACT 4.x MetaStores, ETI recommends that you autoloading patches and upgrades for any DSL identified.

6 Updates

6.1 Updates for Release 5.0.1

6.1.1 Preferences

Additional preferences were incorporated into the 5.0.1 release.

- Conversion Work Area
 - New preferences for rollover text
 - Ability to disable warning indicator for auto-replayed fileters
 - Ability to disable autoexpand on new part mappings
- Browser
 - Ability to disable rollover text for objects and worksets
 - Options for displaying object fully-qualified names, version number and newer version indicator in the Browser area

6.1.2 Browser

- Ability to delete objects in the Browser
- Info Dialog is resizable

6.1.3 Conversion Work Area

- Ability to delete joins from the graph, right click menu
- Properties dialog did not allow input of non-alphanumeric characters (for example the underscore).

7 Known Limitations

The following is a list of known limitations with the ETI Solution 5.0.1 release.

7.1 Preferences

Most of the *general* preferences will not take effect until the MetaStore is reopened. This will be fixed in a future release.

7.2 Browser

The Browser Area for the Integration Specialist Client provides most operations used by both the Integration Architect and Integration Specialist. The following operations are limited to the Integration Architect Client:

- Running registered tools.
- Importing objects.
- Patch Overrides/Overrides patch

7.3 Access Control within a MetaStore

- The Integration Specialist Client does not display access control information in the Browser Area or Object Info Dialog.
- The Integration Specialist Client does not currently enforce access control settings for viewing and modifying objects
- The Preferences dialog does not reflect access control settings in the personalized workset view or personalized object views.

7.4 Merge Wizard & Joins

7.4.1 Sequence Numbers

- Sequence numbers are currently ignored by the ETI Conversion Compiler unless they are applied to inter-db joins.
- Sequence numbers are not applied to navigational joins (joins that represent parent-child relationships). If you set a sequence number on this type of join, it will be ignored by the Generator
- If the same join is applied to the merge logic for two different target units, then only a single sequence number can be set. You must ensure that the sequence number is set appropriately for the processing of both targets.
- The Integration Architect Client will display multipart joins as multiple independent joins. It is therefore possible to set different sequence numbers on each part of the multipart join. The Integration Specialist Client merge wizard combines these joins into a single multipart join. Therefore, if different values are set for the sequence numbers, the merge wizard and the Generator will use the highest sequence number.

7.5 CodeBlock Work Area

7.5.1 Syntax Checking

The codeblock function edit buffer is not flushed prior to running the syntax checker. As a result, you may get erroneous results from the syntax checker unless the buffer has been manually saved. Prior to running the syntax checker, manually save the codeblock.

7.5.2 Paste from Word documents

If you copy and paste text from a Word document into the codeblock editor, you will corrupt the codeblock.

7.6 Schema Work Area

Currently, the schema is not fully implemented for the Integration Specialist Client. You can open a Schema object in the Integration Specialist Client system to set up date formatting for COBOL/FS based DSLs. Any other modifications to the schema should be performed from the Integration Architect Client.

7.6.1 COBOL/FS Date Formatting

It is recommended that you select **either** the Integration Architect or Integration Specialist Client for retrieving the Cobol/fs schemas. If you use the Integration Specialist Client for setting date formats and then re-retrieve or merge the schema from the Integration Architect client, you may experience a loss of date formats or inconsistent results.

7.7 Retrieve Schema

The retrieve schema process for the DSL for SAP R/3 can only be run from the Integration Architect Client or Integration Specialist Client in “fat” mode. This will be addressed in a future release.

8 INFORMATION FOR USERS UPGRADING FROM 4.x RELEASES

8.1 ETI•EXTRACT 4.x Releases

ETI Solution can be installed on the same system that has ETI•EXTRACT installed.

8.2 MetaStore Compatibility

If you are upgrading to ETI Solution 5.0.0, you must migrate your MetaStore. Please see the “Moving and Migrating MetaStores” chapter in the *ETI Solution Administration Guide*.

8.3 Generator (Conversion Compiler)

The Generator is backwards compatible with optimization levels 0-4. It is not necessary to regenerate or revalidate any existing conversions when upgrading to release 5.0.0.

8.4 Export File Format

The export file format for Conversion objects has been modified with the ETI Solution 5.0 release. This was done in support of new features and functions in the 5.0 release. Therefore, it is not possible to export conversions developed with ETI Solution 5.0 and import them into an older release of ETI•EXTRACT automatically.

8.5 Licensing for DSLs, DSL add-on products, and Custom DSLs

With the ETI•EXTRACT 4.2 release, all DSLs, DSL add-on products, and custom DSLs are licensed. The licensing is controlled by a FEATURE line in the FLEXIm license file. Customers upgrading to ETI Solution 5.0 from releases **4.1 and prior** will need to ensure that they have an updated license file which

supports DSL licensing. The updated license file is backward compatible with prior ETI releases. Therefore, the license file can be installed for use with both ETI Solution and any prior release of ETI•EXTRACT.

8.6 ETI•Impact Analyst

ETI•Impact Analyst ships with the ETI Solution 5.0 release and will be automatically installed on the MetaStore Server and Integration Architect Client systems. If your site uses the ETI•Impact Analyst product, you must upgrade to ETI•Impact Analyst release 5.0 for use with the ETI Solution 5.0 release. The MetaStore components for ETI•Impact Analyst have been re-released. This component should be loaded after any MetaStores have been migrated to ETI Solution 5.0.

8.7 Syntax Changes for Custom Tcl Functions

ETI Solution release 5.0 for UNIX platforms ship with version 8.0 of Tcl. This release of Tcl contains bug fixes and enhancements. See the following web page for differences:

<http://www.scriptics.com/doc/compiler.html>

The 8.0 version of Tcl contains a more restrictive syntax checker. Therefore, customers migrating from releases prior to ETI•EXTRACT release 4.2 on UNIX platforms must:

- Upgrade their Tcl functions DSL to release 4.2.1 or later.
- Verify that custom Tcl functions, created by the customer, are compliant with the required Tcl syntax.