

# Event Replicator Target Adapter

## Event Replicator Target Adapter 3.3 Release Notes

Version 3.3

July 2018

This document applies to Event Replicator Target Adapter Version 3.3 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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# 1 Event Replicator Target Adapter 3.3 Release Notes

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The Event Replicator Target Adapter is a Software AG product option associated with Event Replicator for Adabas. It allows you to transform and apply replicated Adabas data in a mainframe database to a relational database, such as DB2, MySQL, Oracle, PostgreSQL, SQL Server, or Teradata. For a complete list of the databases currently supported by Event Replicator Target Adapter, read *Prerequisite Products*, in *Event Replicator Target Adapter Installation Guide*.

Last-minute information on problems that have been addressed by this release are described in the *ReadMe* file.



**Note:** Do not copy the *server.xml* file from an older Event Replicator Target Adapter installation and expect it to work for this Event Replicator Target Adapter installation. Errors will result if you try this.

<a href="#"><i>Enhancements</i></a>	Describes the new and changed features in this version of the Event Replicator Target Adapter.
<a href="#"><i>Restrictions and Limitations</i></a>	Lists the restrictions and limitations of this version of the Event Replicator Target Adapter.
<a href="#"><i>End of Maintenance</i></a>	Describes how you can determine the end-of-support dates for your Software AG products.
<a href="#"><i>Documentation and Other Online Information</i></a>	Describes the documentation and other online information you can obtain for this release of the Event Replicator Target Adapter.



# 2 About this Documentation

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## Document Conventions

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Convention	Description
<b>Bold</b>	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <code>folder.subfolder.service</code> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies:  Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies:  Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the   symbol.
[ ]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

## Online Information and Support

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### Software AG Documentation Website

You can find documentation on the Software AG Documentation website at <http://documentation.softwareag.com>. The site requires credentials for Software AG's Product Support site Empower. If you do not have Empower credentials, you must use the TECHcommunity website.

### Software AG Empower Product Support Website

If you do not yet have an account for Empower, send an email to [empower@softwareag.com](mailto:empower@softwareag.com) with your name, company, and company email address and request an account.

Once you have an account, you can open Support Incidents online via the eService section of Empower at <https://empower.softwareag.com/>.

You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>.

To submit feature/enhancement requests, get information about product availability, and download products, go to [Products](#).

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the [Knowledge Center](#).

If you have any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory at [https://empower.softwareag.com/public\\_directory.asp](https://empower.softwareag.com/public_directory.asp) and give us a call.

### **Software AG TECHcommunity**

You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest.
- Access articles, code samples, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

## **Data Protection**

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Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

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# 3 Enhancements

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Version 3.3 of Event Replicator Target Adapter introduces the following changes and enhancements:

- Roll up of known bug fixes to previous versions of Event Replicator Target Adapter.
- Introduction of the use of the Software AG Update Manager for applying product fixes. Please see *Installing Fixes from Software AG Update Manager*, in *Event Replicator Target Adapter Installation Guide* for a details on how to use the Update Manager to apply available fixes to this version.
- Support for new Target Adapter metrics and the reporting of replication statistics and analytics data through Software AG's Adabas Analytics Collector MF.

Please see the sections *Setting Configuration File and Preferences* , *Configuring Target Definitions for Adabas Analytics Collector MF* and *Configuring Source Definitions for Adabas Analytics Collector MF*, in the *Event Replicator Target Adapter Administrator's Guide* for details.

- In this version of Event Replicator Target Adapter, the ADARIS batch Initial State utility has been enhanced to improve the handling of modifications being replicated during the same period as the Initial State processing (e.g. it was possible that an Insert, done before the start of the Initial State, could result in an error because the Initial State had already added the record to the RDBMS table). This enhancement takes effect under the following circumstances:
  - The file on which the Initial State is run is subject to active modifications during the time the Initial State is run;
  - The Event Replicator for Adabas Subscription has Destinations configured to segregate Initial State and Normal data;
  - The Target Adapter Source that corresponds to Event Replicator Destination configured for Normal data (updates) is stopped until the Initial State is completed, or;
  - The Event Replicator Destination configured for Normal data only is closed and there are replicated transactions logged to the Event Replicator's SLOG.
  - The pending modifications contain either inserts or updates to the file.

- ADARIS Initial States now allow the user to define a start time for the Initial State. This start time should be set to the time of the oldest transaction waiting to be processed by the Target Adapter when the Destination or Target Adapter Source is opened. This is accomplished by defining the STARTDATE and STARTTIME parameters in the ADARIS job.

For more information on processing Initial States using ADARIS, see the Event Replicator for Adabas documentation; section *Using the STARTDATE and STARTTIME Parameters* in the section *ADARIS Utility: Run Initial-State Process*, in the *Event Replicator for Adabas Reference Guide* for details.

## 4 Restrictions and Limitations

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The following restrictions and limitations exist in Event Replicator Target Adapter:

- Adabas changes to the primary key are not supported by Event Replicator Target Adapter because it requires a cascading update to the RDBMS tables. The Adabas primary key is used to relate the root table with the MU/PE tables in the RDBMS. At this time, most relational databases do not support such cascading updates via SQL commands. Consequently, if you change the primary key in Adabas, the referential integrity of the data in the RDBMS tables will be violated. Support for cascading changes will be implemented in a future release of Event Replicator Target Adapter.



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## End of Maintenance

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For information on how long a product is supported by Software AG, access Software AG's Empower web site at <https://empower.softwareag.com>.

Log into Empower. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Version Availability** to access the Product Version Availability application. This application allows you to review support information for specific products and releases.



# 6 Documentation and Other Online Information

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The following online resources are available for you to obtain up-to-date information about your Software AG products:

## Software AG Documentation Website

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You can find documentation for all Software AG products on the Software AG Documentation website at <http://documentation.softwareag.com>. This site requires Empower credentials. If you do not have an Empower user ID and password yet, you will find instructions for registering on this site (free for customers with maintenance contracts) or you can also use the TECHcommunity website to access the latest documentation.

## Software AG TECHcommunity

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You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest. If you already have TECHcommunity credentials, you can adjust your areas of interest on the TECHcommunity website by editing your TECHcommunity profile. To access documentation in the TECHcommunity once you are logged in, select **Documentation** from the **Communities** menu.
- Access articles, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

## Software AG Empower Product Support Website

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You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>. This site requires Empower credentials. If you do not have an Empower user ID and password yet, you will find instructions for registering on this site (free for customers with maintenance contracts).

To submit feature/enhancement requests, get information about product availability, and download products and certified samples, select **Products & Documentation** from the menu once you are logged in.

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, select **Knowledge Center** from the menu once you are logged in.

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