

Event Replicator for Adabas on the mainframe

Fact sheet

Make better decisions by sharing real-time data

Event Replicator for Adabas proactively and efficiently delivers data updates in real-time. It's especially valuable when you need to feed Adabas data to a data warehouse or synchronize data between Adabas, the major RDBMS's, JMS providers and Software AG's Terracotta in real time.

Event Replicator for Adabas is a highly flexible event-publishing tool that enables real-time data replication to target systems. It proactively pushes fresh data based on pre-defined rules to automatically transform and deliver selected Adabas data in real-time to Adabas, third-party databases or messaging systems. This true real-time replication automatically updates target applications when changes occur in the production Adabas database.

Key Benefits

Reduce operational costs

Event Replicator for Adabas publishes discrete data elements and selected content, unlike Change Data Capture (CDC)-based products that replicate data at the table level and process the entire PLOG. By publishing only the changes instead of all data, Event Replicator for Adabas lowers your overall system costs.

Improve performance

Achieve the high performance you expect from your production applications. Event Replicator for Adabas can provide a complete copy of your Adabas production database for read-only queries and reporting by business users. It proactively pushes fresh data to target applications and eliminates the impact on production transactions.

Ensure business continuity

By updating hot standby systems at one or more remote locations in real-time, Event Replicator for Adabas ensures business continuity and allows you to avoid time-consuming recovery procedures in the event of a software or hardware failure, power outage or natural disaster.



Increase productivity

By feeding changes from Adabas into your data warehouse in real time, Event Replicator for Adabas eliminates the need for cumbersome ETL batch jobs that often result in end users performing business analytics based on out-of-date information.

This enables you to:

- Increase business responsiveness to keep customers satisfied
- Improve decision-making with access to the latest data
- Improve high availability

Features

Target adapters

Write replicated data to target RDBMS environments—including DB2®, Oracle®, Sybase®, SQL Server®, MySQL®, Teradata® and PostgreSQL—with these time-saving adapters. Leverage and manipulate individual data subscriptions to reach multiple targets by defining the source and target handling in the target adapter.

Initial state/load process

Leverage RDBMS' mass load utilities to create fast initial state.

Subscription mapping

Easily create fine-grained source-target definitions using Predict metadata; map replication to target table structures; normalize MU/PE data structures; and specify primary or compound keys with this GUI-based mapping tool.

Recovery facility

Count on data and system integrity during planned and unplanned outages with this facility that restarts/recovers replicated transactions with communication checkpoints between origin and target adapters.

Dynamic data selection

Change replication targets easily as Event Replicator flushes all queues/buffers of replication data and restarts without stopping replication server or database.

Data security replication

Replicate Adabas security data when using with Adabas 8.2 or higher, so you don't have to manually keep security up-to-date.

Enhanced data filtering

Allows subscription criteria to be based on partial field values (i.e., a delete operation can be handled in a subscription exit and turned into an update request to the target, or ignored entirely).

Data publishing

Publish data to webMethods Integration Server and Universal Messaging for efficient integration with SOA-based environments for advanced data transformation and data aggregation. Extend Adabas by using the In-Memory technology product, Software AG's Terracotta. Data can be loaded into Terracotta and kept up-to-date. It is even possible to create new objects in Terracotta.



Stay connected!

Join the community and follow the latest news about Adabas at:

techcommunity.softwareag.com/en_en/adabas-natural

See what's new

Discover the latest innovations, view webinars and see how Adabas & Natural is ready for 2050 and beyond, visit:

www.adabasnatural.com

International User Groups

Network with your peers from all around the globe, visit:

www.softwareag.com/IUG



Take the next step

To learn more, contact your Software AG representative or visit us at www.adabasnatural.com.

Re-synchronization

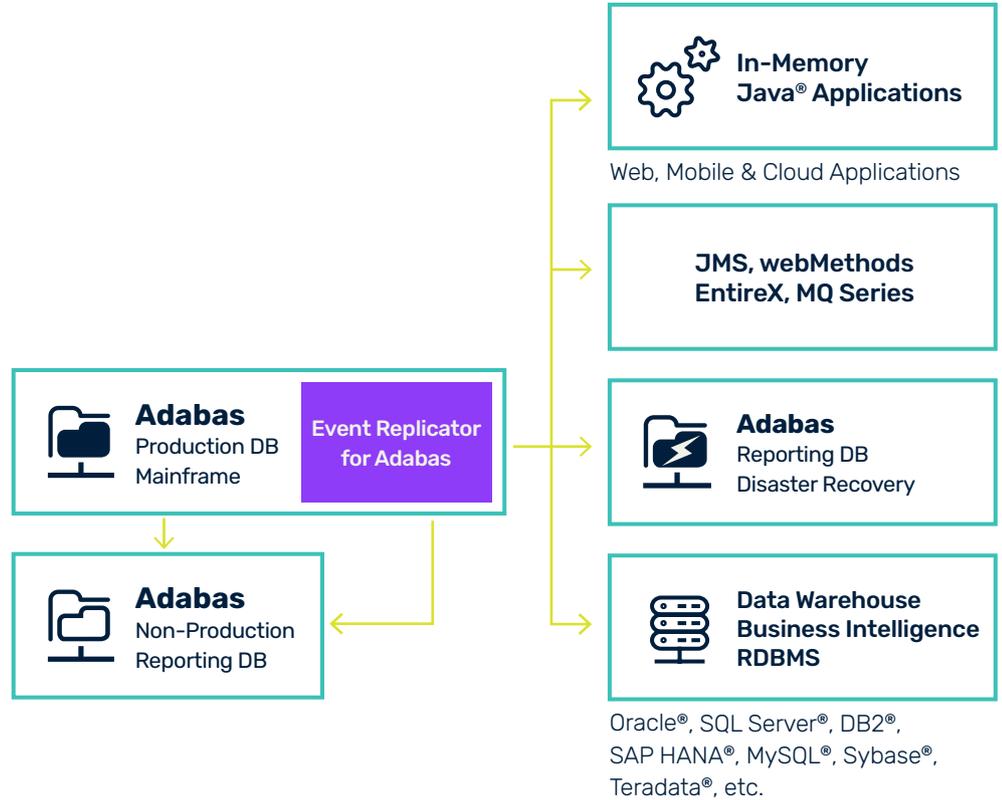
Re-synchronize source database with target systems by "re-playing" Protection Log (PLOG) data.

Process monitoring

Monitor, control and audit the entire replication process.

Adabas utility support

Data manipulation executed by Adabas utilities on the source database are also replicated to target systems.



Event Replicator for Adabas proactively pushes select Adabas data to Adabas, third-party databases or messaging systems in real time

ABOUT SOFTWARE AG

Software AG began its journey in 1969, the year that technology helped put a man on the moon and the software industry was born. Today our infrastructure software makes a world of living connections possible. Every day, millions of lives around the world are connected by our technologies. A fluid flow of data fuels hybrid integration and the Industrial Internet of Things. By connecting applications on the ground and in cloud, businesses, governments and humanity can instantly see opportunities, make decisions and act immediately. Software AG connects the world to keep it living and thriving. For more information, visit www.softwareag.com.

© 2021 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.

fs_adabas-event-replicator_en