

OpenText StreamServe 5.6.1

Archive Migration Tool

User Guide

Rev A

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About Archive Migration Tool

Collector archive from Persuasion SP4

In StreamServe Persuasion, the StreamServe RePRINT solution is replaced by StreamStudio Collector. In Collector versions prior to Persuasion SP4, documents were stored in the StreamServe runtime repository. In Persuasion SP4, a new storage is introduced. This storage is called the Collector archive and is optimized for searching and querying for documents.

Using Archive Migration Tool

To search for documents from the RePRINT solution or Collector versions prior to Persuasion SP4, the documents must first be migrated to the new Collector archive. At the migration, you use the StreamServe Archive Migration Tool.

How to use the Archive Migration Tool depends on the source of migration:

- When migrating from Collector versions prior to Persuasion SP4, you use the Archive migration tool to prepare the source runtime repository (with the Collector documents) for migration and to generate a configuration file to be used during the migration. The actual migration of the documents is performed by an Archiver application.
See [Using the tool in Collector migration](#) on page 9.
- When migrating from RePRINT, you use the Archive Migration Tool to migrate the documents.
See [Using the tool in RePRINT migration](#) on page 13.



You must migrate all Collector documents before you migrate any RePRINT documents.

Migrating document types and metadata

When searching for documents in Collector, metadata is used. The metadata is defined per document type. For example, the document type `Invoice` may contain metadata such as `Invoice Number`, `Customer Name`, etc.

When you use the Archive Migration Tool, a GUID (Globally Unique Identifier) is generated for each document type and for each metadata. Later, when upgrading the Design Center Project, these GUIDs are applied to the document types and metadata in the Project resource set.

About this document

This document is a reference for the Archive Migration Tool.

For complete descriptions of migration and upgrading and the required prerequisites and recommendations, see the [Upgrading Instructions](#).

Installing Archive Migration Tool

The Archive Migration Tool is not included in the standard StreamServe setup. To use the tool, you must run a separate setup.

Prerequisites

You must uninstall any versions of the RePRINT Migration Tool before you install the Archive Migration Tool.

After uninstalling, it is recommend to verify that the following directory is empty:

```
Program Files\OpenText\StreamServe\Applications\  
ArchiveMigrationTool
```

Requirements

The following is required for installing the Archive Migration Tool:

- A Windows platform – The Archive Migration Tool can be installed on all Windows operating systems supported by OpenText StreamServe 5.6.1. See the *Supported platforms and software* documentation.
- Administrator access rights in Windows.
- .NET Framework version 4.0.

Recommendations

The Archive Migration Tool can be installed on a separate computer. However, the migration performance can be greatly improved if the tool is installed on either the computer with the source database or the computer with the target Collector archive.

Make sure the computers involved are connected with a high-speed network (gigabit).

Using the tool in Collector migration

When you migrate documents from Collector versions prior to SP4, the Archive Migration Tool does not perform the migration. Instead you use the tool to prepare the source runtime repository (with the Collector documents) for migration and to generate a configuration file to be used during the migration.

The actual migration is performed by an Archiver application. The generated configuration file provides the Archiver application with information about the document types of the documents to be migrated.

Collector versions

You can prepare migration of documents from Collector Persuasion SP2 and SP3.

Note: To migrate documents from Collector Persuasion SP1 or earlier, contact StreamServe Support.

Note: You cannot migrate email attachments.

In this section

- [Prerequisites](#) on page 10.
- [Preparing the source runtime repository](#) on page 11.

Prerequisites

Before using the Archive Migration Tool, read and verify the prerequisites and post requisites below.

Prerequisites

- OpenText StreamServe 5.6.1 must be installed (Framework and StreamServer, Control Center, and Design Center).
See the *Installation Guide*.
- Archive Migration Tool must be installed.
See *Installing Archive Migration Tool* on page 7.
- You must have access to the database server where the source runtime repository (with the Collector documents) is located. Make sure the network connection to the database server is as fast as possible.
- To migrate the documents from a copy of the source runtime repository, a restored backup must be created. See the *Upgrading Instructions*.
- The target Collector archive must be created.
See the *Upgrading Instructions*.

Post requisites

When the source runtime repository is prepared for migration and the configuration file is generated, you must:

- Create an application domain that uses the upgraded source runtime repository and is connected to the target Collector archive.
- Add an Archiver application to the application domain and configure the migration tasks for the application.
- Define the document types to be migrated by using the configuration file generated by the Archive Migration Tool.
- Migrate the documents by using the Archiver application.

For detailed information, see the *Upgrading Instructions*.

Preparing the source runtime repository

You use the Archive Migration Tool to prepare the source runtime repository for migration and to generate a configuration file to be used during the migration. The configuration file contains information about the document types to be migrated.

To prepare the runtime repository

- 1 Select **Start > All Programs > OpenText > OpenText StreamServe > Utilities > Archive Migration Tool**. The Archive Migration Tool wizard opens.
- 2 Select **Collector** as the migration source.
- 3 Specify the copy of the runtime repository as the source database.
See [Source database](#) on page 20.
- 4 Specify the new Collector archive as the target database.
See [Target database](#) on page 21.
- 5 Click **Start**.

The runtime repository is upgraded and the configuration file (`migration_document_types.xml`) is generated in the working directory for the Archive Migration Tool. For example:

```
<StreamServe  
installation>\StreamServe\Applications\ArchiveMigrationTool
```

You can now migrate the documents by using an Archiver application. For more information, see the *Upgrading Instructions*.

12 | Preparing the source runtime repository **Using the tool in Collector migration**

Using the tool in RePRINT migration

The Archive Migration Tool is a wizard that leads you through the configuration of the migration. At the end of the wizard, you start the migration.

The Archive Migration Tool is optimized so that using multiple migration clients to increase migration performance is neither required, nor supported.

Supported versions

You can migrate documents from RePRINT version 3.0.1 and subsequent versions.

Note: You cannot migrate email attachments.

Archive Migration Tool log file

When running the migration, a condensed log with error messages is displayed in the Archive Migration Tool. A progress bar, together with the number of migrated documents, migration speed, and remaining time, shows the status of the migration.

For the full log, see the `ArchiveMigration.log` file, located in:

```
<Profile>\<My Documents>\StreamServe Migration\<Date>_<Time>
```

Where:

- `<Profile>` – Is the user profile.
- `<My Documents>` – Is the name of the special folder on the hard drive that the system commonly uses to store the user's documents, downloads, etc. The name of the folder depends on the Windows platform used.
- `<Date>_<Time>` – Is the date and time the migration was started.

In this section

- [Prerequisites](#) on page 14.
- [Configuring and running migration](#) on page 15.
- [Resuming an interrupted migration](#) on page 16.
- [Re-running failed documents](#) on page 17.

Prerequisites

Before using the Archive Migration Tool, read and verify the prerequisites and recommendations below.



You must migrate all Collector documents before you migrate any RePRINT documents.

Prerequisites

- OpenText StreamServe 5.6.1 must be installed (Framework and StreamServer, Control Center, and Design Center). See the *Installation Guide*.
- If the RePRINT database runs on a database version prior to Microsoft SQL Server 2005, a back up the RePRINT database must be taken and the database must then be restored on a supported version of SQL Server. For supported versions, see the *Supported platforms and software* documentation.
- Archive Migration Tool must be installed. See *Installing Archive Migration Tool* on page 7.
- The target Collector archive must be created. See *Control Center* documentation.
- TCP/IP must be enabled on both the source database server and the target Collector archive database server.
- You must have administrator privileges to the source database and the target Collector archive.

Recommendations

- In order to measure the migration speed in your environment, it is recommended to start with a smaller amount of documents. When the migration is completed, analyze the results by checking the log information.
- The source database and the target Collector archive must not be used during migration.

Configuring and running migration

The Archive Migration Tool is a wizard that leads you through the configuration of the migration. At the end of the wizard, you start the migration.

To configure and run migration from the Archive Migration Tool

- 1 Select **Start** > **All Programs** > **OpenText** > **OpenText StreamServe** > **Utilities** > **Archive Migration Tool**. The Archive Migration Tool wizard opens.
- 2 Select **RePRINT** as migration source and click **Next**.
- 3 Follow the wizard and run the migration. See [Archive Migration Tool wizard](#) on page 19.
- 4 In the Options view, click **Start** to start the migration.
The documents are migrated to the Collector archive.

Resuming an interrupted migration

When migrating from RePRINT, all migrated documents are listed in a record file called `migrated_records.txt`, located in:

```
<Profile>\<My Documents>\StreamServe Migration\<Date>_<Time>
```

Where:

- `<Profile>` – Is the user profile.
- `<My Documents>` – Is the name of the special folder on the hard drive that the system commonly uses to store the user's documents, downloads, etc. The name of the folder depends on the Windows platform used.
- `<Date>_<Time>` – Is the date and time the migration was started.

If a migration is interrupted, for example due to network failure, you can restart the migration. The Archive Migration Tool then uses the contents in the `migrated_records.txt` file when resuming the interrupted migration.

To resume an interrupted migration

- 1 Select **Start > All Programs > OpenText > OpenText StreamServe > Utilities > Archive Migration Tool**. The Archive Migration Tool wizard opens.
- 2 Select **RePRINT** as migration source and click **Next**.
- 3 Select **Resume aborted migration** to resume the interrupted migration.
- 4 Browse to the folder containing the `migrated_records.txt` file.
- 5 Click **Next**.
- 6 Follow the wizard and run the migration. See [Archive Migration Tool wizard](#) on page 19.
- 7 In the Options view, click **Start** to start the migration.

Re-running failed documents

If some of the documents fail to migrate, the failed documents are stored in a record file called `failed_records.txt`, located in:

```
<Profile>\<My Documents>\StreamServe Migration\<Date>_<Time>
```

Where:

- `<Profile>` – Is the user profile.
- `<My Documents>` – Is the name of the special folder on the hard drive that the system commonly uses to store the user's documents, downloads, etc. The name of the folder depends on the Windows platform used.
- `<Date>_<Time>` – Is the date and time the migration was started.

In the migration wizard, you can choose to re-run only the failed documents. The Archive Migration Tool then uses the contents in the `failed_records.txt` file to re-run the failed documents.

Prerequisites

Before re-running failed documents, you should find out and correct the reason for the failure.

To re-run failed documents

- 1 Select **Start** > **All Programs** > **OpenText** > **OpenText StreamServe** > **Utilities** > **Archive Migration Tool**. The Archive Migration Tool wizard opens.
- 2 Select **RePRINT** as migration source and click **Next**.
- 3 Select **Migrate failed documents** to re-run the migration of the failed documents.
- 4 Browse to the folder containing the `failed_records.txt` file.
- 5 Click **Next**.
- 6 Follow the wizard and run the migration. See [Archive Migration Tool wizard](#) on page 19.
- 7 In the Options view, click **Start** to start the migration.

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Archive Migration Tool GUI Reference

This section contains the settings in the Archive Migration Tool wizard.

Archive Migration Tool wizard

In this section

- [Select migration source](#) on page 19.
- [Migration type](#) on page 19.
- [Source database](#) on page 20.
- [Select document type, date column, and range](#) on page 20.
- [Target database](#) on page 21.
- [Options](#) on page 21.

Select migration source

You must select the type of source database to migrate documents from.

Setting	Description
RePRINT	Select if the source database is of type RePRINT.
Collector	Select if the source database is of type Collector.

Migration type

Applicable when migrating from RePRINT.

You can select to configure and run a new migration from the Archive Migration Tool. You can also use the tool to resume a migration that was unexpectedly interrupted, for example due to network failure.

If some of the documents failed to migrate, you can re-run migration of the failed documents.

Setting	Description
Create new migration	Select to configure and run a new migration.
Resume aborted migration	Select to resume the previous migration.
Migrate failed documents	Select to re-run migration of failed documents.

Source database

You must specify the source database to migrate documents from.

Setting	Description
Vendor	<i>Applicable when migrating from Collector.</i> The database vendor (Microsoft SQL Server or Oracle Database) used for the source database.
Server name	Name and database instance of the server where the source database is located. For example: localhost\SQLExpress
Port	The port used for communication with the source database.
Database name	Name of the source database.
User	Valid user ID to the source database.
Password	Valid user password to the source database.
Test connection	Click to test the connection to the source database.

Select document type, date column, and range

Applicable when migrating from RePRINT.

You must specify the document type, date column, and date range for the migration.

Setting	Description
Document type	Document types available in the RePRINT database. You can select one document type, or all document types.
Date column	All indexes in date format available in the RePRINT database for the selected document type. time_of_creation – The time when the documents were archived in the RePRINT database. Use this option if you migrate more than one document type.
Start date	Start date and time for the range to migrate.
Stop date	Stop date and time for the range to migrate.

Target database

You must specify the target Collector archive to migrate documents to.

Setting	Description
Vendor	The database vendor (Microsoft SQL Server or Oracle Database) used for the Collector archive. This must be the same vendor as used for the source database.
Server name	Name and database instance of the server where the target database is located. For example: localhost\SQLExpress
Port	The port used for communication with the Collector archive.
Database name	Name of the Collector archive.
User	Valid user ID to the Collector archive.
Password	Valid user password to the Collector archive.
Test connection	Click to test the connection to the Collector archive.

Options

When you have configured the migration, you must start the migration. If you migrate from RePRINT, you can test the migration before you start the migration.

Setting	Description
Test mode (nothing will be migrated)	<i>Applicable when migrating from RePRINT.</i> Select to test the migration. The documents are identified in the source database, but will not be migrated. Note: You must also start the migration.

Setting	Description
NULL handling	<p><i>Applicable when migrating from RePRINT.</i></p> <p>If the RePRINT database contains any empty metadata (that is, metadata with NULL as value), the metadata must be assigned a value. The reason for this is that Collector cannot search for NULL values.</p> <p>Text – Select to replace any empty metadata with the specified text string.</p> <p>Numeric – Select to replace any empty metadata with the specified numeric value.</p> <p>Date – Select to replace any empty metadata with one of the following dates:</p> <ul style="list-style-type: none"> • Current date – The date of the migration. • Use document's time of creation – The date when the document was archived in the RePRINT database. • This date – The specified date.
Start	Click to start the migration (RePRINT) or the preparation of the source runtime repository (Collector).