

Product and Release Information

Application Repository Services (ARS)



Release Information Tool Guide

Release information
Release 4.0

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Additional Info

Provide feedback on this document using the CRM-MT-HLP component of CSN.






Conventions used

This guide has the following conventions to help you understand the type of the content.

Icon Conventions

The following icon conventions indicate the target audience and the type of the content.

Icon conventions

Icon	Meaning
	Indicates that the respective topic is aimed at the beginners
	Indicates that the respective topic is aimed at advanced users
	Example
	Tip or Note
	Syntax

Typographic Conventions

The typographic conventions provide a visual contrast between the specific text (that requires your attention) and the normal text.

Typographic conventions

Icon	Meaning
<i>Interface Text</i>	Words or characters that appear on the screen. This includes system messages, field names, screen titles, pushbuttons, menu names and menu options.
User Entry	Exact user entry. These are words and characters that you enter in the system exactly as they appear in the documentation.
File name	File names, batch files paths or directories, and screen messages.
<Variable User Entry>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.
NAME	Name of elements in the SAP system. These include report names, program names, transaction codes, and table names.
KEY	Keys on the keyboard. These include function keys, for example, F2 and the ENTER key.
Text	Text in this documentation to distinguish its text from the typographic conventions used in SAP documentation.

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1 Introduction

During customer support, you may be required to rectify an error associated with the versions of a development object. To rectify the error, you must find out release information about the object versions created or available in the current or previous releases. You can find the release information for the object version existing in the current release by using the *SAP Mobile Application Studio* (MAS). However, MAS cannot provide release information for the object versions existing in the previous releases.

Therefore, *Application Repository Services* implemented the *Release Information Tool* that provides release information about the object versions created or available in the previous releases. However, the *Release Information Tool* provides such information only if you record and maintain the following data for each release.

- Duration of each release
- Mobile Application Repository used for each release
- Transport of each release to subsequent releases



The *Release Information Tool* cannot provide release information of the virtual versions of development objects

2 Understanding the Release Information Tool

2.1 Features

2.1.1 Maintains Release data

This tool allows you to record and maintain the following release data in the current repository. Later, you can transport this data to the required repositories used for other releases.

- Repositories used for different releases
- Period during which each repository is used for the corresponding release
- Development period of each release
- Target release to which each release is moved. For example, release 3.0 SP06 to which objects have been moved from release 2.0C.
- Details of change lists that are created and used for each release to transport the corresponding objects to the subsequent release

2.1.2 Transports Release data to Other Repositories

The release data that you record in the current repository is applicable to all the repositories irrespective of the releases. Therefore, the release data must be available in all the repositories. To accomplish this, you can transport the release data to other repositories maintained for different releases.

2.1.3 Displays Release data for an Object Version

This tool contains a browser that displays the objects available in the current repository (repository to which the tool is connected). In this browser, you can invoke a version tree for the required object. In the version tree, you can view release data of the required object version. However, to view the release data of an object version, the corresponding `ARS.dll` version must be the same as the `DB STRUCT` version to which the connection is established.

2.1.4 Independent from Releases

You can use this tool for repositories that are used for different releases. Therefore, this tool is not specific to a particular release.



You can:

- Initially connect to the repository used for release 4.0 and record the release data
- Later connect to the repository used for release 3.0 and view the release data for an object version

2.1.5 Connects to Multiple Repositories

This tool allows you to connect to more than one repository in the same session to work individually with different repositories.



After you invoke this tool, during the same session, you can logon to:

- Release 2.0B repository to record the release data
- Release 2.0B and 2.0C repositories to transport the release data from the 2.0B repository to the 2.0C repository
- Release 3.0 repository to view the release data for an object version

2.2 Workflow

The workflow involved in using the features of this tool is indicated below:

1. Record the release data such as the repository used, release number and duration, development period, and subsequent releases (transport information) for each release.
2. Record the change lists used for each release.
3. Transport the release data to the required repositories used for other releases.
4. Connect to the required repository and view release data of the required object version.

3 Case Study

This section explains in detail, with an example, the type of release data you must record.

Consider that a mobile client application has been developed in different major releases such as 2.0B, 2.0C and 3.0. Each of these major releases includes support packages starting from SP01 to SP10. The following table indicates the development period of the support packages corresponding to the major releases.

Support Packages of Major Releases

Duration Release	T1	T2	T3	T4	T5	T6	T7
2.0B	SP01	SP02	SP03 SP04	SP05	SP06 SP07	SP08 SP09	SP10
2.0C		SP01	SP02	SP03 SP04	SP05 SP06	SP07	SP08
3.0				SP01 SP02	SP03	SP04 SP05	SP06 SP07

3.1 Release Data

Now, you have to record the following details by using the *Release Information Tool*:

- **Repositories used for each major release**

Release Name	Repository Used	Duration	
		Date From	Date To
2.0B	R1 (2.0B Dev Repository)	1 Jan 2001	31 May 2001
2.0C	R1 (2.0C Dev Repository)	1 June 2001	30 Nov 2001
3.0	R2 (3.0 Dev Repository)	1 Dec 2001	30 Aug 2002
2.0B	R3 (2.0B SP Dev Repository)	1 May 2002	Infinite

- **Development period of each support package**

Release Name	Duration	
	Date From	Date To
2.0B SP01	1 Jan 2001	31 Jan 2001
2.0B SP02	1 Feb 2001	28 Feb 2001
2.0B SP03	1 Mar 2001	31 Mar 2001
2.0B SP04	1 Mar 2001	31 Mar 2001
... ..		
2.0C SP01	1 Feb 2001	28 Feb 2001
2.0C SP02	1 Mar 2001	31 Mar 2001
... ..		
3.0 SP01	1 Dec 2001	31 Dec 2001

- **Transport of a release to a next release**

Release Name	Summary Change List (Created for transport)	Next Release
2.0B SP01	SUM_20B_SP01_ID	2.0C SP01
2.0B SP02	SUM_20B_SP02_ID	2.0C SP05
... ..		
2.0C SP01	SUM_20C_SP01_ID	3.0 SP01
2.0C SP02	SUM_20C_SP02_ID	3.0 SP02
... ..		

4 Using the Release Information Tool

4.1 Invoking the Release Information Tool

Use

You use this procedure to invoke the *Release Information Tool* and connect to the required repository.

Prerequisites

You have a valid DSN, User ID, and Password to connect to the repository.

Procedure

1. Locate the `Release Information Tool.exe` and double-click it.

The *Release Information Tool* initial window appears in the background. The *Login* window appears in the foreground.

2. Enter the DSN, User ID, and Password.
3. Choose *OK*.

The *Release Information* window appears. This window displays all objects that exist in the repository.



The *Release Information* window is defined as the default window. However, you can change this window if you want to display any specific window depending on the activity you perform frequently. For more information, see [Changing the Default Window](#).

4.2 Changing the Default Window

Use

You use this procedure to change the default window that appears when you invoke *the Release Information Tool*.



The *Release Information* window, which appears by default, allows you to view release data of an object version. If you are a Repository Administrator and want to record the release data, you can set the *Repository Administration* window as the default window.

Prerequisites

You have invoked the *Release Information Tool*.

Procedure

1. Choose *File* → *Options*.

The *Options* window appears.

2. Select one of the following options:
 - *Repository Administration* – determines the *Repository Administration* window as the default window
 - *Repository Synchronization* – determines the *Repository Synchronization* window as the default window

3. Choose OK.

When you invoke the *Release Information Tool* subsequently, it displays the window corresponding to the option you select.

4.3 Recording Release data

Use

You use this procedure to record the data pertaining to a release.

Prerequisites

You have:

- Invoked the *Release Information Tool*
- Admin profile for the repository if the user management feature is enabled



If the user management feature is disabled, you must have administrator rights to logon to the repository.

Procedure

1. Choose *Repository* → *Administer*.

The *Login* window appears.

2. Enter the DSN, User ID, and Password.

3. Choose OK.

The *Repository Administration* window appears.

4. Select the required tab page. The following table describes the values to be specified in each tab page:

Tab page	Values to be specified
<i>Repository Information</i>	Details of the repositories used for different releases
<i>Support Package Information</i>	Development period of each support package for each release. In the <i>Release</i> field, you can select the required release for which you want to specify the development period of the respective SPs.
<i>Transport Information</i>	Each SP along with its follow-on release to which the development of the SP has been moved. Entries for the transport of releases, such as 2.0B to 2.0C, 2.0C to 3.0, and 3.0 to 4.0 are mandatory.
<i>Support Package Changelist Information</i>	Merge or summary change lists created and transported for each SP.

5. Choose Save.



To delete any information, select the corresponding row and choose *Delete*.

4.4 Transporting Release data to Another Repository

Use

You use this procedure to transport the release data that you record in a repository (source) to another repository (target). This transport:

- Adds the release data if the same data does not exist in the target repository
- Updates the release data if the same data exists in the target repository

Prerequisites

You have:

- Invoked the *Release Information Tool*
- A valid DSN, User ID, and Password for the source and target repositories
- Admin profile User ID for the target repository, if the user management feature is enabled.



If the user management feature is disabled, you must have administrator rights to logon to the repository.

Procedure

1. Choose *Repository* → *Synchronize*.

The *Repository Synchronization* window appears.

2. Enter the DSN, User ID, and Password for the source and target repositories.
3. Choose *Synchronize Release Data*.
4. Choose *Start*.

4.5 Transporting Change list Details to Another Repository

Use

You use this procedure to transport the details of summary or merge change lists created for the current repository (source) to another repository (target).



This procedure transports only the details of a change list. It does not transport the objects present in the change list.

Prerequisites

You have:

- Invoked the *Release Information Tool*
- A valid DSN, User ID and Password for the source and target repositories
- Admin profile User ID for the target repository, if the user management feature is enabled



If the user management feature is disabled, you must have administrator rights to logon to the repository.

Procedure

1. Choose *Repository* → *Synchronize*.

The *Repository Synchronization* window appears.

2. Enter the DSN, User ID, and Password for the source and target repositories.
3. Select *Transport Changelist Details*.

The *Repository Synchronization* window gets extended and displays a few more fields.

4. Enter values for the following fields of the source release.
 - *From* -- Development start date
 - *To* -- Development end date
5. Under *Select Changelists with Names*, select the required option.
6. Enter a search criterion (convention used by you for change list names)
7. Choose *Show Changelists*.

The *Available Change Lists* field displays all the change lists created during the specified development period.
8. Select the required change lists and move them to the *Selected Change Lists* field by using the move buttons.
9. Choose *Start*.

4.6 Viewing Release data of a Version

Use

You use this procedure to view release data for an object version. Currently, viewing the release data is possible only in the releases 3.0 and 4.0.

Prerequisites

You have:

- Invoked the *Release Information Tool*.
- Ensured that the *ARS.d11* version is the same as the DB STRUCT version to which the connection is established.

Procedure



In the following procedure, perform step 1 only if you have changed the default window. If not, proceed with step 2.

1. Choose *Objects* → *View Release Information*.

The *Release Information* window appears. It displays the *Object Browser* and *Version Tree*.
2. In the *Object Browser*, to identify the required object, expand the corresponding nodes.
3. Select the object you have identified.

The *Version Tree* displays the version history (previous as well as current versions) of the object you have selected.
4. Select the required version, right-click, and choose *Version Info*.

The *Version Information* window appears. It displays the *General*, *Advanced* and *Version* tabs. In the *General* tab, the *Created In* field displays the release data.



The following table lists a few examples of the release data that you can view for different scenarios.

Scenario	Release data
Object is created in 20B SPX and modified in 20C SPY and 30 SPZ	20B SPX, 20C SPY, 30 SPZ
Object is created in 20B SPX, however not modified in the subsequent higher releases such as 20C and 30	20BSPX, 20C, 30
Object is created in 20B, however not modified in the subsequent higher releases such as 20C and 30	20B, 20C, 30

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