ACR/Summary® and ACR/Detail®

Release Notes | Release 4.6
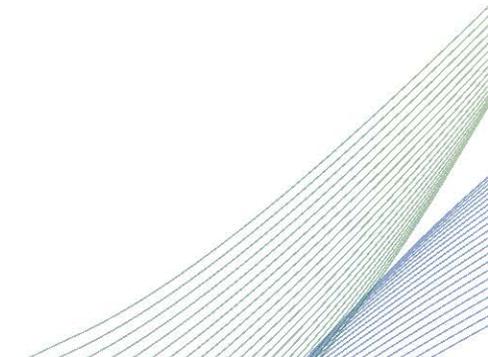
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OVERVIEW

This document provides an overview of enhancements and modifications for users of ACR/Summary® and ACR/Detail® who are upgrading to Release 4.6.

ACR/SUMMARY ENHANCEMENTS

The following sections describe the major enhancements for ACR/Summary.

Retrieve History from Infogix Assure®

The History Item is enhanced to retrieve history from Infogix Assure®. Infogix Assure provides a web service for history retrieval. The User Options File has a new tab to store the Infogix Assure connection specific information. The Infogix Assure option in the History Items panel enables you to retrieve history from Infogix Assure. When this option is selected, new panels that are specific to Infogix Assure history retrieval are displayed.

This feature is not applicable for File Control Balancing.

Generate History Items for a Range of Relative Cycles

This is a new functionality to specify the history retrieval for a range of relative cycles. A new field called "Generate Thru" is added to the History Items panel. This field is a three-digit number (-998 to +000) that identifies the highest relative cycle within the range you wish to generate the history. When Generate Thru cycle is specified, a set of consecutive history items are generated. One history item is generated for each relative cycle that falls within the range.

This feature is not applicable for File Control Balancing.

Generate Standard Rules for a Range Comparison of History Items

Range comparison is a new feature in the Standard Rule. It enables you to create multiple rules quickly without entering their information individually. Range comparison is allowed in the RHS of a comparison equation, and works with history items only.

For example: E-xxx: E-yyy.

When range comparison is specified in the RHS, a set of consecutive rules are generated. One rule is generated for each history item specified in the range. Range comparison is not applicable for File Control Balancing.

ACR/SUMMARY AND ACR/DETAIL ENHANCEMENTS

The following sections describe the major enhancements that pertain to both ACR/Summary and ACR/Detail.

Pass Alternate Job IDs to Infogix Insight®

In the User Options File, a new Pass Alternate Job ID field allows you to specify the Alternate Job ID instead of the Base Job ID that should be passed to Infogix Insight®.

Extended Literal

The literal field length has been revised to allow 80-byte alpha literals and 30-byte numeric literals. The extension eliminates the need to create multiple definitions to create an 80-byte literal.

Add Time Elements

The Add Time Elements feature supports time data extraction. The extracted time data is converted to centiseconds before it is stored in an internal or an extended internal item.

"Date & Time" item is allowed in the LHS and RHS of a Calculated Item and Balancing Rule. Date & Time item is a combination of a date item and a time item.

Date & Time item must be entered in the following format:

ITEM1 & ITEM2 (e.g. I-001 & I-002).

Where, ITEM1 stores the date count value, and ITEM2 stores the centisecond count.

A new function called @TIMECSEC is added to the Calculated Items panel. This new function converts time value (in HHMMSSNN format) to centiseconds. Enter a numeric literal (in HHMMSSNN format) in the LHS and @TIMECSEC in the RHS to convert time values.

A new option "Convert to centiseconds" is added to the History Items panel. The option converts the retrieved run time to a centisecond value.

In the User Options File, Time Output Format and Time Output Notation fields are added. The supported time formats are: HH:SS, HH:MM:SS, and HH:MM:SS.NN. The default time format is HH:MM:SS. The supported time notations are: 12-hour format and the 24-hour format. The default time notation is 24-hour format.

To print the time element values in reports, two new print formats: Time and 'Date & Time' are added. When the print format is 'Time', time element is printed as '-99999999 TTTTTTTTTTTTT' format where -99999999 is the relative day and TTTTTTTTTTTTT is the formatted time. When the print format is 'Date & Time', time element is printed as 'DDDDDDDD TTTTTTTTTTTTT' where DDDDDDDD is the formatted date and TTTTTTTTTTTTT is the formatted time. The date and the time output options in the User Options File are used to format the date and time.

A new online "Time Conversion Utility" enables you to convert time values. The available options are: Convert days/time to centiseconds and Convert centiseconds to days/time.

OTHER ENHANCEMENTS

The following sections describe the minor enhancements that pertain to ACR/Summary, ACR/Detail, or both.

Print PROCLIB/JCLLIB Name at the beginning of a ACRJCL40 JCL Conversion Report

The ACRJCL40 JCL Conversion Report has been modified to print the name of the PROCLIB/JCLLIB at the beginning of the ACR/Detail and ACR/Summary reports. This feature is mainly helpful when the product upgrade involves different PROCLIBs/JCLLIBs. The name at the beginning of the report indicates the PROCs that are part of a specific PROCLIB/JCLLIB.

This feature is applicable to both ACR/Summary and ACR/Detail.

Store the Extracted Date in an Extraction Variable

ACR/Summary Access Mode 1 allows the storage of the extracted field in an extraction variable if it is a count/amount/text field. The modification permits you to store the date field in the extraction variable.

ACR/SUMMARY AND ACR/DETAIL SYSTEM REQUIREMENTS

Requirements for z/OS®

Category	Requirement
Operating System	IBM z/OS® 1.12 or higher
ISPF Profile	ISPF profiles are not compatible with releases of ACR/Summary and ACR/Detail older than 3.0.
TSO Region Size	*6144 (7168 suggested) plus space required by LE runtime libraries.
COBOL	Enterprise COBOL 3.3 or any compatible COBOL is required if you wish to compile user exits.
JAVA®	Version 6.0 SR9 FP1 or higher

*Additional region size is necessary to install Infogix Visibility API, retrieve history from Infogix Assure or process large files in the extract window, particularly for delimited data in ACR/Summary access modes 1-4. To avoid additional tuning, set the region size to 0M.

Requirements for Windows®

ACR/Summary and ACR/Detail Server

Category	Requirement
Hardware and Operating System	IBM® or compatible machine with Microsoft Windows® 7, Windows Server® 2008, or Windows Server 2012
Memory	At least 100 MB of Random Access Memory (RAM)
Disk Space	A hard drive with at least 50 MB of free space
Drive	CD-ROM
Network Communication	TCP/IP protocol

ACR/Workbench and Clients

Category	Requirement
Hardware and Operating System	IBM or compatible machine with Windows 7, or Windows 2008
Memory	At least 100 MB of Random Access Memory (RAM)
Disk Space	For ACR/Workbench: A hard drive with at least 30 MB of free space (more if data files are stored locally)
	For Clients: A hard drive with at least 10 MB of free space
Drive	CD-ROM
Network Communications	Access to a network using TCP/IP protocol

Requirements for UNIX® and Linux®

Vendor	Operating System	Approximate Installation Size
IBM	AIX 6.1 or higher	229 MB
Oracle®	Solaris® 9 or higher	113 MB
Red Hat	Linux® 5.3 64 bit or higher	272 MB

Requirements for IBM i

Category	Requirement	Approximate Installation Size
ACR/Summary		99 MB
ACR/Detail		193 MB
Operating System	V6R1	
COBOL		
JAVA	Version 6.0 SR9 FP1 or higher	

UPGRADING ACR/SUMMARY AND ACR/DETAIL FROM A PREVIOUS RELEASE

Instructions for Upgrades

When upgrading to the current release, please follow the instructions in the installation guide shipped with the installation media.

Do Not Reinstall Patches

This release includes all patches on previous releases. If you have installed patches in the past, install this release, but do not reinstall the patches.

MAINTENANCE FIXES

The following maintenance fixes have been completed for this release.

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X	X	4195	External Translation - Build Preparation Rule (Parameter Number) panel (TRN8320P) now allows 80-byte parameter length.	X			
X	X	4202	The calculated item indicator for extended internal item is now accurately generated in the batch card.	X	X	X	
X	X	4206	The @EBC feature used in file definitions translates special characters from EBCDIC to ASCII correctly.		X	X	

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
	X	4213	ACR/Detail User Report does not have the SOC7 ABEND issue for a qualifier job with 'Accumulate Column' indicator turned on.	X	X	X	X
X		4223	ACR/Summary now retrieves the variable cycle history correctly.	X	X	X	
X		4228	External Translation Table - Selection Lookup Rules Dialog now displays the correct "Compare" and "Compare to" values when the selected table column and I-O parameter have an identical prefix.		X		
	X	4232	F3 (exit key) from the detail field (literal) panel returns you to the extract window.	X			
X		4257	ACR/Summary User Report (Enhanced Format) prints the right-justified numeric value according to the specified column size.	X	X	X	X
X	X	4266	In the Report Codes Update page of the Free-form Report window, the cursor resides in the line where the line edit command (e.g. insert, delete) is entered. This modification prevents you to scroll down from the first line when a line edit command is entered.	X			X

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X	X	4277	ACR/Summary and ACR/Detail Server generates batch script correctly for the control file update process when the install path contains a space.		X		
X		4313	ACR/Summary User Report (Enhanced Format) prints date item for page headers.	X	X	X	X
X	X	4314	Item value and description for date item is now substituted in the message.	X	X	X	X
X		4315	ACR/Summary Step/Full Extraction for access mode 1 and 2, process date item correctly.	X			
X		4349	The step name can be left blank in the Variable Cycle panel.	X			
X		4354	*ACR/Summary history item stores the run date/ run time/cycle print in the LHS column of the Control Report.	X	X	X	X

*For all the jobs that extract history items from the Control Report, review and modify the file definition as needed.

CONTACTING CUSTOMER SUPPORT

If you need assistance, contact Infogix Customer Support.

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