



ACR/Summary[®] and ACR/Detail[®]

Release Notes | Release 4.7



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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 4.7.

ACR/SUMMARY ENHANCEMENTS

The following section describes the major enhancements for ACR/Summary.

Step/Full Extraction in Access modes 6 and 7

Step/Full extraction is an online functionality in Access Modes 1 and 2. The functionality is added to Access Modes 6 and 7.

This enhancement is applicable to z/OS® only.

ACR/DETAIL ENHANCEMENTS

The following section describes the major enhancements for ACR/Detail.

Freeform Output File

This enhancement is applicable to z/OS and IBMi only.

This version of the Freeform output file is relatively new to IBMi. It works in a similar way as z/OS to generate the Freeform output file.

The enhancement is an extension of the data modification commands in the Freeform Output File screen. In the previous releases, the options available in the Freeform Output File were Edit and Delete; and new field items could be added only at the end of the file.

The feature provides the flexibility to modify the rules for the output file.

The following data modification commands are now supported for Freeform Output File:

- DD - Block Delete
- CC - Block Copy
- MM - Block Move
- I - Insert
- C - Copy
- M - Move
- D - Delete

- R - Repeat
- A - After
- B - Before

ACR/SUMMARY AND ACR/DETAIL ENHANCEMENTS

The following section describes the major enhancements that pertain to both ACR/Summary and ACR/Detail.

Report Print Leading Zeros for Numeric Items

In the previous releases, leading zeros were suppressed when numeric items were printed in reports.

A 'Print leading zeros' indicator is added at the item level to print leading zeros in reports when the option is turned on. The option supports leading and trailing negative signs. Print Leading Zeros works only with the Print Format 'Count'. It is used to pad leading zeros in the 'Count' field.

The 'Print Commas' indicator must be disabled to print leading zeros in a report.

Print Leading Zeros is not applicable for File Control Balancing.

New functions in Calculated Items

The @TIMECSEC function is enhanced to support numeric items and +99999999 in the LHS of the equation. If you enter +99999999 in the LHS, the function returns the centisecond value of the current time. Current time refers to the start time of the job.

Two new functions @DTMCSEC and @CYCLERUN are added to the calculated items.

@DTMCSEC: This function returns the centisecond value of the current date and time. To obtain the centisecond value of the current date and time, enter +99999999 in the LHS. Current date and time refers to the start date and time of the job. Valid Print Formats for the function are Count, Time, Date & Time.

@CYCLERUN: This function is used to obtain the cycle ID. Cycle ID is a combination of cycle number and run number. Typically, the LHS contains a count or an item value. This value is added to the cycle ID. Valid Print Format for the function is 'Count'.

Product License

This is a new feature in this release. The feature allows you to obtain the license information of the product online and in batch. You can obtain the product license information using the two methods below:

- A 'Product Expiration' tab is added to the online Help screen, to display the expiration date entered in the control file that is currently allocated to the online system. The product expiration date is displayed in the YY/MM/DD format.

For Windows®, this new option is added to the 'Help' menu to display the product expiration information for the current configuration. The product expiration date is displayed in the CCYY/MM/DD format.

- To obtain the full product license report, a new feature is added in the 'Setup/Create JCL' screen to generate the UNI10PRJCL. Once you submit the new JCL, a full product license report will be generated.

For Windows, the 'Product License Report' option is added to the 'Run' menu to generate the full product license report.

Generate XML Messages

A new option, 'Generate XML Messages' is added to the Job Run Options. This option allows you to turn off the generation of XML messages.

By default, start-of-job and end-of-job messages are generated. Report messages will be generated if the corresponding XML export option is turned on. If the 'Generate XML Messages' option is turned off, start-of-job, end-of-job and all the report messages will not be generated.

Numeric Items in Internal Translation Tables

In the previous releases, the Internal Translation Table supported only 'text-to-text' translations. In this release, the Internal Translation Table module has been enhanced to support 'numeric-to-numeric' translations.

The input field now accepts a numeric value. The output field has been extended to hold 80 bytes of text, and 30 bytes of numeric data.

To enter a numeric value in the input or the output field, select the format indicator for the numeric data. The number is prefixed with a '+' or '-' sign.

You can enter up to 30 bytes that includes up to 9 decimal places.

'Add EPI' does not support this new change for the Internal translation table (It will be added in the future release).



OTHER ENHANCEMENTS

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

Capture 'Field Format' and 'Print Comma' for Infogix Assure® History Item

ACR/Summary history item uses the 'Field Format' and 'Print Comma' information from the internal or extended internal item. These fields are not available in the Infogix Assure® history item. To print the Infogix Assure history item as an ACR/Summary history item, these fields are added.

This enhancement is applicable to ACR/Summary.

Alignment of User Report Column Data in Visibility API

Column data, which is a combination of positive and negative counts or amounts, are now aligned accurately.

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

UNI10PR Issues Return Code 16 for an Invalid Control File

When the UNI10PR JCL runs with an invalid Control File, a return code '16' is generated instead of '0000'. Hence, the Product Report (UNI10PR) print is skipped. However, the CPU Listing (UNICPID) will continue to be printed. As the CPU Listing is not related to ACR; it merely shows the system information on the CPU.

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

JFIL File Items Screen Allows User to Select From a List of Files

The JFIL screen now has the 'F4' listing and select capabilities. This allows you to select from a list of files. Henceforth, it is no longer necessary to enter the names manually.

This enhancement is applicable to ACR/Summary in IBMi only.

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		3740	Embedded Key - Variable start position is now processed correctly on Windows.		X		
X	X	4009	DB2 Freeform editor - Panel display problem in Key field (F6) using Translation Table is now corrected.	X			
X	X	4105	Online Help for Zoned Decimal is updated.		X		
	X	4109	Literal and RDBMS table/column are accurately set based on the source type.		X		

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
	X	4123	EPI - File Comments definitions are ignored, and #UDP983E (UNRECOGNIZED DEFN REC-TYPE F9C IN UDPDXDF::LOAD) is no longer displayed.	X	X	X	X
	X	4124	EPI - Extended internal item is now processed correctly.	X	X	X	X
X	X	4159	EBCDIC Override - Reformat field (F5) used in conjunction with the EBCDIC override (@EBC in File Description) is now processed correctly.		X	X	
X	X	4205	User Options - 'Apply' button is removed from the User Options sheet.		X		
X	X	4299	Definition List - Cycle Format is now printed for the Detail field (F7).	X	X	X	X
X	X	4335	Rule Message - DWB8550P History Item type panel (DWB8550P) adds option 5 (Time) and option 6 (Date & Time).	X			
X		4349	Variable Cycle Panel - It is not required to enter the Step name in this panel.	X			
X	X	4351	External Translation Table - If you enter the selection type with leading zeros (e.g. 01) for Table Lookup Rules, leading zeros are now handled correctly. That is, 01 is processed as 1.	X			

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X		4355	***User Report (Standard Format) - If the page header width is too small to display the count/amount value and the justification is right or center, the field is now filled with *, and a warning is displayed as for left justification. The truncated value is no longer displayed on the report.	X	X	X	X
X		4356	User Report (Standard Format) - Wrap Indicator now works correctly for time items and date & time items.	X	X	X	X
X	X	4359	Internal Translation Table - Supports 80 byte values on both sides of the Internal Translation Table.	X	X	X	X
	X	4371	Update from Batch - File definition extracting data from a literal is now updated without error when a DB2 table is used.	X	X	X	X
	X	4375	Unhandled exception no longer occurs when the target area is not selected.		X		
	X	4376	Field Extraction (Access Mode 6) - Select statement groups with different keys, stores the key correctly.	X	X	X	X
X	X	4377	Create Batch and Build Batch - F7 Sequence 2 card is now generated for file definitions using a DB2 input source.	X	X	X	X

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X	X	4382	The Date Format option 8 is corrected. Now the Option 8 shows CCYYMMDD in the panels DWB9530P, SWB9490P, SWB9500P and TRN9500P.	X			
	X	4393	Regular/Extended literal value is now displayed correctly when it is used in an extraction variable or in the assignment field of the External Translation Table.	X			
X	X	4395	Build Batch - The 72 nd column of the File Comments is now generated correctly to the batch card.	X	X	X	X
	X	4396	Auto Cycle Indicator - Option to "Use count of number of days since 12/31/1600" as the cycle number is added to the panel.	X			
X		4399	The Online Help for Audit Trail options is corrected.		X		
X		4406	Expert File Editor (Access Mode 6/7) - In the View/Definition panel, Detail field (F7) is now displayed without the word 'PIC' at the end of the line.	X			
X		4415	Infogix Assure History Retrieval - History item is now retrieved without Java error when the Visibility API is installed.		X		

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X		4417	Infogix Assure History Retrieval - URL is now described accurately in the Help.	X	X	X	X
X	X	4448	Field Extraction (Access Mode 7) - Keys are now processed correctly as in Release 2.6.	X	X	X	X
X	X	4449	In the Extract Window and Expert File Editor, the File definitions with extraction variables are now displayed correctly in the Definition List.	X			
X		4455	Calculated Item - The missing "Print Decimals" field is put back in the Calculated Item Panel (SWB8300P).	X			
X		4456	***Calculated Item - Overflow message is now displayed, and zero is substituted for the overflow item when a calculated item (>15 digits) is moved to an internal item. The truncated value is no longer displayed on the Control Report.	X	X	X	X
	X	4459	User Report - The report setup with key breaks now displays 'NO RECONCILIATION KEYS SELECTED FOR PRINTING' message.	X	X	X	X
X		4460	History Item - Print Commas Indicator is now retrieved correctly from the internal item, when it is from a different job.	X	X	X	X

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
	X	4461	***User Report - If the page header width is too small to display the count/amount value, the field is now filled with *, and a warning is displayed. The truncated value is no longer displayed on the report.	X	X	X	X
X		4463	History Item - Item number now defaults to 1 for an extended internal item.		X		
X	X	4475	***Field Extraction (Access Mode 6/7) - Overflow message is now displayed, and zero is substituted for the overflow item when the extracted numeric field has more than 15 digits. The truncated value is no longer displayed on the Control Report.	X	X	X	X
X	X	4478	Batch Update - Validation for the sequence number is corrected.	X	X	X	X
	X	4484	***User Report - Extend Indicator in the Column Information panel (DWB8720P) does not permit 'Y' option for the history item. Extended Indicator is only applicable to calculated items and balancing rules. The history item uses the internal item type to determine the column width.	X	X		X

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X	X	4489	User Report - <html> value for the page header item is now correctly generated in the report XML for extended internal items.	X	X	X	X
X		4490	User Report (Original Format) - Column data value is not truncated in the report XML if the Wrap Indicator is turned on.	X	X	X	X
X		4493	User Report (Original Format) - Create Batch generates the item type and number correctly for detail data in columns 1-3 for history items.	X			
	X	4494	User Report - User Report Window (DWB7760P) displays the page header item number correctly for extended internal items.	X			
	X	4495	User Report - Page Header Information panel (DWB8721P) does not allow blank or zeros for position and width.	X			
X		4498	User Report (Enhanced Format) deletes the page headers correctly.	X			
	X	4516	User Report - Extend Indicator in column information is set to the default value (N) for extended internal items. Extended Indicator is only applicable to calculated items and balancing rules.	X	X	X	X

ACR/S	ACR/D	JIRA	Corrections	z/OS	Windows	UNIX	IBM i
X		4517	Infogix Assure History Retrieval - Installation Guide documents the system variable modification needed for Infogix Assure history retrieval.		X	X	
X		4519	Infogix Assure History Retrieval - Online Help now has description for the "Extended Control Fields".		X		
	X	4523	User Report - Page header name now displays in the JPAG panel.				X
	X	4530	User Guide - Extended Column Indicator is added to the U1 batch definition transaction layout.	X	X	X	X

***These changes may affect the content and layout of the reports. Review and modify the definitions as required.



CONTACTING CUSTOMER SUPPORT

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