



ACR/Summary[®] and ACR/Detail[®]

Release Notes | ACR 4.9



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Contents

- Overview 4
- ACR/Summary Enhancements 4
- ACR/Detail Enhancements 4
- ACR/Summary and ACR/Detail Enhancements 5
- Other Enhancements 7
- ACR/Summary and ACR/Detail System Requirements 13
- Upgrading ACR/Summary and ACR/Detail from a Previous Release 15
- Maintenance Fixes..... 15
- Contacting Customer Support 18



OVERVIEW

This document provides an overview of enhancements and modifications for users of ACR/Summary® and ACR/Detail® who are upgrading to Release 4.8.

ACR/SUMMARY ENHANCEMENTS

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

New Extraction Options for Detail Field

New extraction options, First Date, First Value, and First Time, are now available during the definition of a Detail field. This enhancement is for Access Mode 6 and 7.

Allow Printing of Rule Variance in the User Reports

Users will now have the ability to specify Rule Variance in the User Report. A new option, "Rule Variance", is available for selection during the Page Header and Detail Line definition. This option is supported for both the enhanced and original formats.

Allow Maximum Number of Records to Process to 9999999

The maximum number of records allowed to process and advance (Relative Records) has been expanded from 99,999 to 9,999,999. This enhancement is for Access Modes 1-4.

This enhancement is applicable to z/OS only.

New Selection Types for Access Mode 6 and 7

To improve the capability of the Select statement, the following selection types are added:

- Low Values
- All Nines
- All Zeros
- Contains
- Hex
- Not Numeric

These new selection types only support 'Alphanumeric' format. For selection types 'Hex' and 'Contains', multiple comparison values can be specified.

The two selection types, 'Hex' and 'Contains', are not supported in Extraction Program Interface.



List Definitions by Functionality

The new database utility, List Definitions by Function, enables users to generate a report that shows the associated Job IDs (and File IDs if applicable) for the function selected.

Users can generate a report for the following items:

- Job Option
- Item Type
- Input Source
- Output Report
- Translation

Cross Reference Report for Internal and External Translation Tables

Users now have the ability to generate a report that lists the translation tables and the jobs that reference those translation tables.

ACR/DETAIL ENHANCEMENTS

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

New Selection Types for Access Mode 6 and 7

To improve the capability of the Select statement, the following selection types are added:

- Low Values
- All Nines
- All Zeros
- Contains
- Hex
- Not Numeric

These new selection types only support 'Alphanumeric' format. For selection types 'Hex' and 'Contains', multiple comparison values can be specified.

The two selection types, 'Hex' and 'Contains', are not supported in Extraction Program Interface.



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Users can generate a report for the following items:

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Cross Reference Report for Internal and External Translation Tables

Users now have the ability to generate a report that lists the translation tables and the jobs that reference those translation tables.

OTHER ENHANCEMENTS

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

Display Rule Variance as a Count for Date / Time / Date and Time Item for User Report and Freeform Report

When displaying the rule variance on the User Report and the Freeform Report, rule variance is displayed as a count when the print format is Date/Time/Date and Time. This is how rule variance is currently printed on the Control report.

For User Report, this change is applied to all report formats, report headers, detail line and total line wherever rule variance is applicable.

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

Enable Accumulation Option for Literal Item

When picking up an internal item from a literal, accumulation option for Stage 2 processing is allowed.

This enhancement is applicable to ACR/Detail.



Allow Field Format to Enter for Extraction Variable

This enhancement is for Access Mode 6 and 7. When picking up a Detail Field from an extraction variable, instead of setting the field format internally by program, field format (alphanumeric or packed decimal) can be set at the item level.

This enhancement is applicable to ACR/Summary.

Improve Readability for Cross-Reference Report for Files

For alternate job, it is printed in primary job / alternate job sequence instead of alternate job / primary job sequence so that the primary job and all of its alternate jobs will be printed together.

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

Improve Readability for Cross-Reference Report for Internal Items

The report now displays if the job is used for cycle reference for another job. In addition, '(HA)' is printed along with the reference if it is from History Analysis.

This enhancement is applicable to ACR/Summary.

ACR/SUMMARY AND ACR/DETAIL SYSTEM REQUIREMENTS

Requirements for z/OS®

Category	Requirement
Operating System	IBM z/OS® 2.1 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 5.1 or any compatible COBOL is required if you wish to compile user exits.
JAVA®	Version 6.0.1 SR1 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	Microsoft® Windows 7, Windows Server® 2008, or Windows Server 2012
Memory	At least 2 GB of Random Access Memory (RAM)
Disk Space	A hard drive with at least 500 MB of free space
Drive	CD-ROM
Network Communication	TCP/IP protocol

ACR/Workbench and Clients

Category	Requirement
Hardware and Operating System	Windows 7, or Windows 2008
Memory	At least 2 GB of Random Access Memory (RAM)
Disk Space	For ACR/Workbench: A hard drive with at least 500 MB of free space (more if data files are stored locally) For Clients: A hard drive with at least 500 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	250 MB
Oracle®	Solaris® 9 or higher	250 MB
Red Hat	Linux® 6.5 64 bit or higher	300 MB

Requirements for IBM i

Category	Requirement	Approximate Installation Size
ACR/Summary		200 MB
ACR/Detail		200 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.

When printing a count/numeric fields on reports (e.g. Control report, Freeform Report, User Report), the formatted value will be 'squeezed' following the steps below if it is too big to display in the column.

1. Take out the thousands marker symbol
2. Take out the spaces between amount and currency symbol
3. Take out the spaces between amount and negative sign symbol printed before the amount/count
4. Take out the currency symbol printed after the amount
5. Take out the currency symbol printed before the amount
6. Take out the negative sign symbol printed before the amount/count if the negative sign symbol is specified to print both before and after the amount/count
7. Take out the spaces between amount and negative sign symbol printed after the amount/count

If the 'squeezed' formatted value is still too big to display in the column, the formatted value will be replaced by '*' or blank and warning message will be displayed accordingly. Truncated data is no longer displayed. This change may affect the content and layout of the reports. Review and make modifications as required.

Review Other Enhancements - Display Rule Variance as a Count for Date / Time / Date and Time Item for User Report and Freeform Report. When displaying the rule variance on the User Report and the Freeform Report, rule variance is displayed as a count when the print format is Date/Time/Date and Time. This change may affect the content and layout of the reports. Review and make modifications as required.

Review Other Enhancements - Improve Readability for Cross-Reference Report for Files. This change will affect how the alternate job and its primary job are printed. Review and make modifications as required.

Review Other Enhancements - Improve Readability for Cross-Reference Report for Internal Items. For any reference from History Analysis, '(HA)' is printed along with the reference. This change may affect the content and layout of the reports. Review and make modifications as required.

Review Maintenance Fixes - Jira 4689 - User Report - <htype> will be generated with 'RULERESULT' if return code is selected to print for the page header. This fix works in conjunction with Infogix Insight. Verify that the correct version of Infogix Insight is used.

Review Maintenance Fixes - Jira 4690 - User Report - <dtype> is generated according to the Print Format in ACR. 1 for Count, 2 for Amount, 3 for Date, 4 for Text, 5 for Time, 6 for Date and Time. This fix works in conjunction with Infogix Insight. Verify that the correct



version of Infogix Insight is used.

Do not reinstall patches. This release includes all patches from 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	3563	Floating decimal number extracted from RDBMS (Oracle) table can be stored properly to the extraction			X	
	X	3601	Floating-point values can be properly extracted on UNIX using Oracle direct access.			X	
X		4531	User Report with the user options flag 'Use 22-character numeric format?' is set to a 'Y' - Column for count/amount field has a length of 20 is printed properly without getting truncated.	X	X	X	X
	X	4659	Online Help - 'Comments' help topic for Reformat Field dialog box / Literal and Extraction Variable is included.		X		
X	X	4661	Installation Guide - Various formatting issues and typos are fixed.				X
X	X	4662	Control Update Information Report - Date and Time are displayed properly for all print options.	X	X	X	X
X		4663	Detail Field panel problem for Access Mode 6 and 7 - When picking up a Detail Field from an extraction variable and storing to a new extraction variable, the number of decimals from the extraction variable source is no longer carried to the 'No. of Decimals' field on panel SWB8901P (Extraction Variable) for the target extraction variable.	X			



X		4664	Detail Field panel problem for Access Mode 6 and 7 - When picking up a Detail Field from an extraction variable and storing to an internal item, the position and length are no longer wiped out when hitting PF3 from Internal Items panel (SWB8101P).	X				
X	X	4665	Definition List - Type is printed properly for the Detail Field.	X	X	X	X	
X		4668	Step/Full Extraction for Access Mode 6 and 7 - Internal Translation is supported.	X				
X		4670	Step/Full Extraction for Access Mode 1 - Consecutive Embedded Key definitions are processed properly.	X				
X		4671	View/Definition panel for Access Mode 6 and 7 -When the Detail Field is picked up from an extraction variable, the field type is now displayed properly.	X				
	X	4672	View/Definition panel for Access Mode 6 and 7 - When the Detail Field is picked up from an extraction variable or a literal, the field type is now displayed properly.	X				
X		4673	Panel problem in Expert File Editor for Access Mode 6 and 7 - Accumulation option is no longer displayed in SWF123AP panel (DETAIL FIELDS).	X				
X		4675	15-digit overflow checking logic for ODBC is now working properly.		X	X		

X	X	4676	Message item with embedded rule is not allowed and warning is issued during balancing/reconciliation.	X	X	X	X
X		4679	Floating-point number with 9 decimals can be extracted properly on UNIX using Oracle direct access.			X	
X	X	4681	Message item is now able to catch invalid embedded item number.	X	X	X	X
X		4682	Definition List - For User Report (enhanced format), various formatting issues are fixed.	X	X	X	X
X		4683	Definition List - For User Report (original format), various formatting issues (e.g. XML Option, Wrap Indicator, column heading 1, 2) are fixed.	X	X	X	X
X	X	4684	Update from Batch utility - For a Detail Field using translation table, #UPD340E (FIELD FORMAT INVALID FOR FIELD TYPE) is no longer displayed when storing a text extraction variable to a numeric item.	X	X	X	X
X		4685	User Report Page Header Panel (SWB7712P) - Position and Length are now padded with leading zeros.	X			
X		4686	User Report (Original Format) - Rule Return Code is printed properly for page header.	X	X	X	X
X		4687	User Report with the user options flag 'Use 22-character numeric format?' is set to a 'Y' - Right justification works properly for page header when printing the count/amount field.	X	X	X	X

X		4688	User Report (enhanced format) with the user options flag 'Use 22-character numeric format?' is set to a 'Y' - Count/Amount field with column specified length > 22 aligns properly to the right in the detail line.	X	X	X	X
X		4689	User Report - <htype> will be generated with 'RULERESULT' if return code is selected to print for the page header.	X	X	X	X
X	X	4690	User Report - <dtype> is now generated according to the Print Format in ACR. 1 for Count, 2 for Amount, 3 for Date, 4 for Text, 5 for Time, 6 for Date and Time.	X	X	X	X
	X	4691	Help panel for Detail Field (DWH9550) - Typo is corrected.	X			
X		4695	User Report - Change the option 'Rule return code' to 'Return code' for page header panel and detail line panel.	X			
	X	4696	User Report - Change option 'Rule' to 'Rule variance' for Page Header panel and Detail Line panel.	X	X	X	X
X	X	4698	Mixed-Format Internal Translation is implemented in Step/Full Extraction for Access Mode 6.	X			
X	X	4699	Internal Translation Table - When running Step/Full Extraction for Access Mode 6, #UDX045E (FIELD FORMAT MUST BE 2 FOR INTERNAL TRANSLATION TABLE PROCESSING) is no longer displayed.	X			
X	X	4700	Internal Translation Table - If translation entry is not found, #UDX021W will be displayed and the translated value will be substituted by	X	X	X	X

	X	4701	Detail Field Source/Input Record panel (DWB9510P) - For Tally field, field length is not wiped out and no longer gets #DWBPF525 if the definition is edited again.	X				
	X	4702	Alternate job rules can be found if internal translation table is used.	X	X	X	X	X
	X	4705	User Report Properties panel (SWB7700P) - '(70-250 for enhanced format, 132 for standard format)' is added next to the 'Width' field.	X				
	X	4708	Definition List - Detail Field with Field Type 'T' is printed with 'VALUE' instead of 'TEXT'. Detail Field with Field Type 'TF' is printed with 'VAL/FIRST'.	X	X	X	X	X
	X	4710	Detail Field Destination (Extraction Variable) panel (SWB9480P) - Layout is revised with date input format displayed horizontally.	X				
	X	4711	Cross-Reference Report (Internal Item) - File item is now displayed for Internal Item for Access Mode 6 and 7.	X	X	X	X	X
	X	4712	Cross-Reference Report (Internal Item) - File item is now displayed for Internal Item for Access Mode 5.	X	X	X	X	X
	X	4713	Cross-Reference Report (Internal Item) - File item is now displayed for Date/Time Internal Item for Access Mode 1.	X	X	X	X	X
	X	4729	User Report (original format) with Wrap Indicator turned on - Number between 1 - 14 digits long is printed properly on the report.	X	X	X	X	X

	X	4734	Internal Translation Table - Option to suppress the key when there is no match to the internal table is now processed properly and extra keys are not generated.	X	X	X	X
X		4738	DB2 Key Field panel - Translation Option will be reset to space if 'Translate this key?' is changed from Y to N.	X			
X		4739	Key Field panel (DWB9410P) using DDF data and translation - Length 0 is allowed if Field Format is 2 and no longer gets #TRNPX921 (Length must be 1 - 80).	X			
X		4740	Panel problem in Expert File Editor for Key Field panel (DWF9410P) - If DDF data and translation are specified, #DWBPF431 (Delimited data is not allowed for extraction variable) will not displayed.	X			
	X	4741	Panel problem in Expert File Editor for Key Field panel/Freeform SQL (DWF9441P) - Hash Translation (H) is added to Translation Option.	X			
X		4745	Update from Batch utility - Infogix Assure history item created in Release 4.6 is not rejected with #UPD545E, #UPD546E and #UPD547E.	X	X	X	X
X	X	4746	Job Window - Report print option for Control Report and Recap Report are displayed properly in the 'Expanded View'.	X			
X	X	4761	Internal Translation Table - Value in 'Format' field is displayed properly.		X		

X	X	4762	Internal Translation Table - Values in 'input format' and 'output format' fields are displayed properly.	X
X	X	4764	Job Window - Report print option for User Report is displayed properly in the 'Expanded View'.	X



CONTACTING CUSTOMER SUPPORT

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