



ACR/Summary[®] and ACR/Detail[®]

Release Notes | Release 4.4



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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 4.4.

FREE-FORM REPORT ENHANCEMENTS

Printing Options

The following modifications enable a user to define printing options for the Free-Form Report.

DISPLAY RETURN CODE MESSAGES

In ACR/Summary and ACR/Detail, a user can choose to display the return code message for any out-of-balance rule. Previously, the Free-Form Report showed only the highest return code message.

REMOVE ASA CHARACTERS

In ACR/Summary and ACR/Detail, a user can choose whether to print the report without ASA characters by setting the Print with ASA characters flag to N.

If the report is printed without ASA characters, the following will occur:

- The report will start with column 1.
- If you run the job online, the first position in the report will be truncated.

DEFINE REPORT LENGTH

In ACR/Detail, a user can specify the length for the report. Previously, a page break always occurred after 55 lines.

PRINT ENTIRE KEY

In ACR/Detail on z/OS, in the Item List window, you can now select the entire key for a reconciliation key value.

Key Breaks

The following enhancements pertain only to ACR/Detail.

BREAK ON PARTIAL KEY

A user can define a key break to organize the information on the Free-Form Report based on a partial key, for example, by department.

ACCUMULATE ITEMS

A user can print key totals on the report, for example, the total for each department. Items can be accumulated and the totals printed, for example, the tally of items for all departments, even if the items are not printed on the report.

Dynamic Translation Keys

The following enhancement pertains only to ACR/Detail.

SPECIFY PRINT LOCATION FOR DYNAMIC TRANSLATION KEY

Several print options for dynamic translation keys allow you to focus on the relevant key:

- You can print the translated key for any of keys 1 through 5.
- You can print the translated key anywhere on the report.
- You can choose not to print the first translated key on the first line of the report
- You can choose to print only a portion of the original key on the report.

In ACR/Detail for Windows, UNIX, or Linux, if the job does not translate the first key, the Free-Form Report will print the first detail line defined for the report rather than the literal CONTROL.

SELECT STATEMENTS ALLOW COMPARISON AGAINST EXTENDED VALUES

When you define the selection criteria to evaluate records for balancing or reconciliation, or for building external translation tables, a new option allows you to indicate that the source value, which can be from an input source or extraction variable, will be compared to one or more extended literals (numbers with 16 to 30 digits or text values with 9 to 80 characters).

For balancing and reconciliation, you can compare the source value against either individual extended values or ranges of extended values.

For building an external translation table, you can compare the source value against individual extended values only. Ranges are not supported.

The following table shows the maximum number of extended values and ranges you can compare against:

	Maximum Extended Text Values	Maximum Extended Numeric Values	Maximum Extended Text Ranges	Maximum Extended Numeric Ranges
Balancing and Reconciliation	8	28	4 sets	14 sets
External Translation Tables	8	28	N/A	N/A

NEW AUDIT INFORMATION ON DEFINITION UPDATES

ACR/Summary and ACR/Detail now capture information on the most recent updates to definitions (control sets). This data includes the date and time of the change as well as the following:

- For z/OS, the ID associated with the change
- For Windows, UNIX, and Linux, the first 16 characters of the hostname of the operating system making the change

On the mainframe, you can view this information online for the following definition types:

- Jobs (including User Reports and Free-form Reports)
- Files
- User Reports (ACR/Detail)
- External translation tables
- Internal translation tables
- Cycle tables
- History analysis definitions

A new database report utility, the Control Update Information Report Utility, creates a report with this information for your definitions. The definition listing reports will also show this information for each definition set.

The audit information will be passed to Infogix Insight.

DB2 SQL CAN BE DISPLAYED IN SYSOUT

For DB2 jobs, a new option has been added to have the SQL that is being executed display in SYSOUT at run time. This option is available whether you use the newer DB2 Freeform Editor or the original DB2 Extraction method.

ALLOW THE ACRJCL40 SUMMARY REPORT TO SHOW ONLY THE CHANGED MEMBERS

When you run the ACR/Summary and ACR/Detail JCL Conversion Job to upgrade ACR/Summary and ACR/Detail from a pre-4.0 release, two reports are generated:

- The JCL Conversion Summary Report (DDName ACRSUMM)
- The JCL Conversion Detailed Report (DDName ACRDRPT)

A new parameter has been added to the ACRJCL40 JCL, so that the Summary Report will show the names of the members changed (or potentially changed if you are using Report Only mode), but will omit the names of the members that do not need changes.

ALL ONLINE PROGRAMS ARE NOW COMPILED INTO A SINGLE LOADLIB

The TSO.LOADLIB is no longer used. All online programs are now compiled into the LOADLIB. When you install ACR/Summary or ACR/Detail, this eliminates the need to have the first CLIST if the loadlib is in the LINKLIST.

ENTER E TO OPEN THE EXTRACT WINDOW

Now, when you want to create or edit file definitions for an input source on z/OS, you can simply enter E or e next to the input source. (You can still use the existing method of selecting **Window > Extract**).

EXTRACT HISTORY "VALUE NOT EXTRACTED" MESSAGE

Numeric extended history items that are not extracted will now be marked VALUE NOT EXTRACTED on the Control Report. This processing is consistent with that of non-extended history items.

EXTENDED HISTORY ITEM COLUMN WIDTHS IN USER REPORT

The extended column width option is now available for history items in the User Report.

ACR/SUMMARY AND ACR/DETAIL SYSTEM REQUIREMENTS

Requirements for z/OS

Category	Requirement
Operating System	IBM z/OS 1.11 or higher
ISPF Profile	ISPF profiles are not backward compatible when upgrading from 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.

*Additional region size will be needed to process large files in the extract window, particularly for delimited data in ACR/Summary access modes 1-4.

Requirements for Windows

ACR/Summary and ACR/Detail Server

Category	Requirement
Hardware and Operating System	IBM or compatible machine with Microsoft Windows Server 2003, Windows 7, or Windows Server 2008
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 Vista, 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	78 MB
Oracle	Solaris 9	69 MB
Red Hat	Linux 5.3 64 bit	180MB

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
X		3466	You can now use an extraction variable in an ACR/Summary RDBMS record.		X	X
X	X	3667	Freeform SQL generates correctly for a query that ends in position 62.	X	X	X
	X	3713	Stage 1 accumulation that results in an overflow will produce a zero value and display a #UDX068W message.	X	X	X
X	X	3724	Build batch no longer displays #UTL038E with jobs and files when the file definitions do not exist.	X		
X		3771	The Cross Reference Report no longer abends for rules without numeric literals on the right side.	X		
	X	3789	The header position in XML is no longer blank for reports written prior to Release 4.3.		X	
X	X	3792	Model number checking is required in the Control File.	X		
X		3795	The import process in ACR/Workbench correctly reads missing active rule items and missing modeling item flags.		X	

ACR/S	ACR/D	JIRA #	Corrections	z/OS	Windows	UNIX
X		3809	Multiple file keys that differ in position and length pick up the correct values without an abend.	X		
	X	3813	For history items that retrieve unextracted internal items, the Control Report indicates <i>Value Not Numeric</i> .	X		
	X	3819	On the Detail Field panel, the translation table flag is set to Y if a table exists in the field item.	X		
X		3832	From the Extract Window, access mode 6 full extraction runs successfully with decimal extraction.	X		
X		3835	The list of function keys has been corrected in the Model Sequence Window.	X		
X		3837	Embedded keys can be saved with F5 in the Expert File Editor.	X		
X	X	3843	To function as a substitution within a message, curly brace characters must appear as a pair with a valid item within the braces. This fix allows international code pages to use their native characters in messages.	X	X	X
	X	3847	Position and length can have a zero value for an extraction variable when the entire extraction variable is used in a selection field.	X	X	X

ACR/S	ACR/D	JIRA #	Corrections	z/OS	Windows	UNIX
	X	3848	The maximum length of a packed field is 16 characters (32 bytes). Users attempting to extract more than the maximum from an RDBMS table will receive a prompt.		X	
	X	3870	Concatenated files continue processing subsequent input sources even if an empty file is encountered in the middle of several files.			Linux
X	X	3882	Batch cards for encrypted passwords are correctly generated in the Build Batch Utility.		X	X
X	X	3884	The XML File Access User Program (UUPXML) reads across multiple lines to extract embedded spaces in a value.	X	X	X
X		3911	During extraction file processing, if the begin reference record is not found and the end reference record is found, the item extraction is no longer performed. If you are upgrading from a previous release, this fix may result in a behavior change with the upgrade.	X		
	X	3921	If the value in the selection field is an extraction variable, the Update Batch Utility will allow zeros for the select from position and length. This is true whether or not a delimited data file is used.		X	

CONTACTING CUSTOMER SUPPORT

If you need assistance, contact Infogix Customer Support:

U.S. and Canada: Call us at (630) 505-1890 or send a fax to (630) 505-1883. You can also send e-mail to support@infogix.com.

Outside the U.S. and Canada: Infogix maintains offices around the world. Check our Web site at <http://www.infogix.com/> for the closest Infogix office or e-mail us at support@infogix.com.