




ACR/Summary®
ACR/Detail®
ACR/Connector™
ACR/File®

Release Notes

Release 4.0



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OVERVIEW

This document provides an overview of enhancements and modifications for users of the following products who are upgrading to Release 4.0:

- ACR/Summary or ACR/Detail for z/OS, Windows, or UNIX
- ACR/Connector for z/OS, Windows, or UNIX
- ACR/File for z/OS

ACR/SUMMARY AND ACR/DETAIL

ACR/Summary and ACR/Detail Enhancements

EXTENDED INTERNAL ITEMS

This release includes a new item type called extended internal items. Extended internal items, like regular internal items, are used to store control values obtained when your file definitions are processed. If the job stores history, extended internal items will be stored in the history database like regular internal items.

However, this new item type increases the maximum extractible length for numeric data from 15 to 30 digits, and for text data from 8 to 80 characters. Values extracted for storage in extended internal items are referred to as extended data.

The following table shows the maximum lengths supported for regular vs. extended data.

Format of Extracted Data	Maximum Number of Characters	
	Regular Data (Extracted using Internal Items)	Extended Data (Extracted Using Extended Internal Items)
Numeric ¹	A maximum of 15 numeric characters can exist within the specified length.	A maximum of 30 numeric characters can exist within the specified length.
Alphanumeric	1-8	1-80
Packed decimal	1-8	1-16
Zoned decimal (Overpunch) ¹	A maximum of 15 numeric characters can exist within the specified length.	A maximum of 30 numeric characters can exist within the specified length.
Binary	1-8	1-8
Unsigned packed	1-8	1-16
¹ For numeric and zoned decimal (overpunch) values, 80 positions can be identified for extraction, but only 15 or 30 numeric characters can exist within these positions. Additional numeric characters will not be evaluated.		

Making Definitions Simpler

Defining extended items is very much like defining regular internal items, except that extended internal items are identified with an X. For example, X-001, X-002, and so on.

Because they can be used just like regular internal items in calculated items, history items, and rules, extended internal items often simplify job creation by reducing the number and complexity of the definitions required.

In addition, extended data can be extracted from an input source using reformat fields as well as detail fields. This means that reformatting lengthy values will require fewer reformat field definitions.

Restrictions for Extended Data

The following restrictions apply at this time:

- Extended data cannot be extracted from or stored in a literal or extraction variable.
- Extended data cannot be translated using translation tables.

ACR/Detail reconciliation keys are still made up of five 8-byte key fields for a total of 40 bytes.

EXPANDED USER REPORTS

User Reports are now more flexible:

- You can now specify a width of up to 250 characters per line.
- For ACR/Summary, you can now define up to 8 columns, and you can specify the starting position and length of each column.

FREE-FORM REPORT XML HEADER TAGS

When generating the Free-Form Report in XML format, ACR/Summary and ACR/Detail now pass an attribute for header items along with the ASA character for page breaks. As a result, in Infogix Insight, the report will show the page breaks and header records differently from the detail lines.

ALLOW BLANK CURRENCY SYMBOL (NONE)

This enhancement allows you to specify the currency symbol in the User Options as NONE. If you do this, one or more spaces will be used as the currency symbol on all reports that use the User Options currency symbol. The number of spaces depends on the length you specify for the symbol in the User Options. The default is one space.

DUAL INSTALL FOR SERVER OR ACR/WORKBENCH

Starting with this release, on the Windows platform, you can install the latest release of ACR/Summary and ACR/Detail Server or ACR/Workbench on the same machine as the previous release. The new and old releases must be in separate installation folders and must use different ports. This enhancement allows you to test the two releases side by side.

Enhancement for ACR/Summary Only

ACR/SUMMARY COPY HISTORY RELOAD PERFORMANCE IMPROVED

Processing for the Copy History Database Reload option has been enhanced to open and close the history database only once, which speeds up processing time significantly.

Note: Because the file will not be opened and closed for each record, to ensure the integrity of the file, you **MUST** do the following: 1) On z/OS, lock the history database before starting a reload and unlock the file after the reload is complete. 2) On Windows, run the reload at a time when no job or other process is using the file.

Enhancements for ACR/Detail Only

ACR/DETAIL'S DELETE HISTORY UTILITY ENHANCED, MAKING MANUAL DELETE OBSOLETE

A new Relative Run option has been added to the Delete History utility. By entering a number of days previous to the current system date, you can specify the deletion of history records that are this number of days old or older. For example, an entry of 0030 will cause the system to delete history records that are 30 days old or older. You can limit the deletion to a specific history key or range of keys.

This enhancement makes obsolete the History File Manual Delete utility, which required you to type in JCL yourself to perform this kind of delete.

ACR/DETAIL FOR WINDOWS UUPEDIF USER PROGRAM CAN PROCESS EDI FILES WITHOUT LOGICAL RECORD BREAKS

The EDI User Program (UUPEDIF) can be used to enable ACR/Detail for Windows to extract data from electronic data interchange (EDI) files in X12 format. This allows you to run this user program with a file that does not have logical record breaks.

ACR/Summary and ACR/Detail Documentation Changes

The installation instructions for ACR/Workbench are now in the *ACR/Summary and ACR/Detail Installation Guide for Windows*.

The *Getting Started Guides* for ACR/Summary and ACR/Detail for z/OS are now tutorial chapters in the user guides.

ACR/Summary and ACR/Detail System Requirements

REQUIREMENTS FOR z/OS

Category	Requirement
Operating System	IBM z/OS 1.8
ISPF Profile	Version 5.2 or compatible ISPF profiles are not backward compatible when upgrading from releases of ACR/Summary and ACR/Detail older than 3.0.
TSO Region Size	6144K (7168K 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.

REQUIREMENTS FOR WINDOWS

Requirements for ACR/Summary and ACR/Detail Server (for Windows)

Category	Requirement
Hardware and Operating System	IBM or compatible machine with Microsoft Windows 2000 Server, Windows Server 2003, or Windows XP
Memory	At least 64 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

Requirements for ACR/Workbench and Clients

Category	Requirement
Hardware and Operating System	IBM or compatible machine with Microsoft Windows 2000 or Windows XP
Memory	At least 64 MB of Random Access Memory (RAM)
Disk Space	For ACR/Workbench: A hard drive with at least 30 MB of free space 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

Vendor/Machine	Operating System	Approximate Installation Size
HP 9000 PA-RISC	HP-UX 11.i	78 MB
IBM RS/6000	AIX 5.2	72 MB
Sun Sparc	Solaris 8	66 MB

Upgrading ACR/Summary and ACR/Detail from a Previous Release

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

UPGRADING TO RELEASE 4.0

Release 4.0 provides extended internal items, which were described in [Extended Internal Items](#) above. Upgrading to this release requires adding additional space to the end of your definition and history files, but does not require any rules changes.

Note: The J5 (rule item) record in the definition database will be reformatted in the definition database to accommodate extended items within the values.

JCL (for z/OS), expansion utilities (for Windows), or expansion scripts (for UNIX) to expand the files is provided with the release and needs to be run only once. The installation guide for each platform provides instructions.

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.

ACR/Summary and ACR/Detail Maintenance

The following maintenance fixes have been completed for this release.

ACR/S	ACR/D	SCR #	Corrections	z/OS	Windows	UNIX
	X	2996	Removed User Options from the database initialization JCL to avoid any accidental initialization of the database allocated using dynamic allocation.	Y	N	N
X	X	2915	Removed all Auto JCL error messages including the UPD365E message in Update from Batch.	Y	Y	Y
	X	3040	Create the batch card for the XML flag (FO 003) even when the default truncate option is specified.	Y	Y	
X	X	2977 3039	Import of selection definitions (F4) comparing value to extraction variable now maintains the value.		Y	
	X	2983	User Interface now prevents the entry of more table selection rules then are supported. 999 X3 table lookups are supported.	Y	Y	
X	X	2987	JCL Generation now switches over to cylinders when the maximum number of records entered exceeds the VSAM file limit of 16,777,215.	Y		
X	X	2955	Maintain Generate XML Flag for the User Report when opening the job in the new release.		Y	

ACR/S	ACR/D	SCR #	Corrections	Z/OS	Windows	UNIX
X	X	2920	Updated the documentation to reflect that deleting Job Definitions will also delete the User Report definitions.	Y	Y	Y
X	X	2914	Added Owner to column name views when Column names are repeated in ODBC extraction.		Y	
X	X	3038	Support longer file names in the batch update for the Windows Server		Y	
	X	3060	Corrected repetitive processing with 999 items in the alternate format of the History Extract.	Y	Y	Y
	X	3006	Clear Extraction Variable number on a reformat record (F5) when it is changed to a literal.		Y	
X		2980	Allow user to change a model job to no longer use modeling on the MVS interface.	Y		
	X	2992	Maintain translation option for keys and detail fields when editing them in the extract window.	Y		
X	X	2943	No longer open the XML files unless data will be written to them so that the DD is not required and a file is not created.	Y	Y	Y
X	X		On User or Free-Form Reports, numeric values that do not fit in the space reserved for them will no longer be truncated. Warning message #UDS074W will be issued and the value will not print on the report.	Y	Y	Y

ACR/CONNECTOR

ACR/Connector Enhancements

On the z/OS, Windows, and UNIX platforms, ACR/Connector has been updated to allow the retrieval of extended history items across platforms.

ACR/Connector Documentation Changes

The documentation for z/OS, Windows, and UNIX incorrectly referred to COLDDDEBUG messaging as WARMDEBUG. COLDDDEBUG has been substituted.

ACR/Connector System Requirements

REQUIREMENTS FOR z/OS

The table below describes the system requirements for a z/OS installation for ACR/Connector. Newer versions may also be supported. Contact Customer Support for additional information.

Category	Requirement	
Operating System	IBM z/OS 1.8	
Space Requirements	LOADLIB	100 Tracks
	DATALIB	6 Tracks
	COPYLIB	5 Tracks
	SRCELIB.MQS	20 Tracks
	LOADLIB.MQS	10 Tracks
	LOADLIB.TCP	5 Tracks
COBOL	Enterprise Cobol 3.3 or higher is required if you wish to write your own communication modules for ACR/Connector.	
Network Communications	TCP/IP or MQ Series. TCP/IP is recommended.	

REQUIREMENTS FOR WINDOWS

The table below describes system requirements for the ACR/Connector Server Node/Controller Administrator. Newer versions may also be supported. Contact Customer Support for additional information.

Category	Requirement
Hardware and Operating System	IBM or compatible machine with Windows 2000 Server, Windows 2003 Server or Windows XP
Memory	32 MB of Random Access Memory (RAM)
Disk Space	A hard drive with at least 40 MB of free space
Drive	CD-ROM
Network Communications	TCP/IP

The Client Administrator can be installed on any machine where an ACR/Summary and/or ACR/Detail for Windows client resides, providing the machine has TCP/IP middleware, and/or on any location on the network that is accessible to the clients that need to access its ACRXPCFG.INI file.

REQUIREMENTS FOR UNIX

Vendor/Machine	Operating System	Approximate Installation Size
HP 9000 PA-RISC	HP-UX 11.i	5 MB
IBM RS/6000	AIX 5.2	5 MB
Sun Sparc	Solaris 8	5 MB

ACR/FILE

ACR/File Enhancements

The ACR/File product and its documentation have been rebranded to remove Unitech Systems, Inc. and substitute the current name of the company, Infogix, Inc.

ACR/File System Requirements

Category	Requirement
Operating System	IBM z/OS 1.8
Space	To determine space requirements for all of the datasets that will be unloaded, view the UNLOAD member in PROCLIB.
ISPF Profile	Version 5.2 or compatible
TSO Region Size	ISPF profiles are not backward compatible when upgrading from releases older than 3.0. If you are upgrading to Release 3.0 from a prior release, and you use an existing ISPF profile, that profile will change and will no longer be able to support earlier releases of the software. To retain access to the earlier release during testing, we recommend that you set up a separate ISPF profile for access to this release.
COBOL	Enterprise COBOL 3.3 or any compatible COBOL is required if you wish to compile user exits.

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.