



IBM Informix Genero V2.40 brings a wealth of enhancements to accelerate delivery of media rich applications

Table of contents

1 Overview	3 Publications
2 Key prerequisites	4 Technical information
2 Planned availability date	5 Ordering information
3 Description	8 Terms and conditions
3 Product positioning	10 Prices
3 Program number	11 Announcement countries

At a glance

IBM® Informix® Genero V2.40 can help you deliver both cost and time savings by transforming legacy code into a more modern environment.

IBM Informix Genero V2.40:

- Focuses on Informix 4GL compatibility enhancements that will simplify compatibility with the various Informix program editions
- Provides a new HTML5 theme that enhances web rendering and performance improvements
- Delivers significant enhancements to the Informix Genero Studio with improved ergonomics for its business application modeller and application generator
- Provides enhanced ease of use, with the ability to modernize legacy Informix 4GL applications for use in browser-based, graphical user interface, mobile, and cloud environments
- Allows you to easily generate forms and reports through a graphical interactive development environment and report writer, which now support DataMatrix barcodes and Microsoft™ Word and Excel formats

Overview

IBM Informix Genero, a 4GL solution, is compatible with existing Informix 4GL and provides a cost-effective path to modernize Informix 4GL applications through a graphical user interface, usually with minimal changes to existing code.

Informix Genero V2.40 introduces enhancements that improve compatibility with Informix 4GL, as well as extend web development capabilities with the introduction of a new HTML5 theme that integrates well with a greatly enhanced Microsoft Silverlight template. Additional enhancements to the included Informix Genero Studio development environment component allows for application modelling with improved user navigation for its business application modeller and application generator, enabling developers to more easily create new applications.

Informix Genero V2.40 supports the latest HTML5 enhancements, and therefore, supports most web browser releases that will run on many of the most popular mobile devices (for example, phones, tablets, barcode scanners). This offers a better user experience, and reduces the amount of JavaScript™ required when compared to prior releases. With Informix Genero V2.40, you can now exploit native device

dependent widgets, such as combo boxes, progress bars, type ahead, and editable query combo boxes.

Genero Application Server and Web Client enhancements:

- Broader support of Microsoft Silverlight
- Greater compatibility between Microsoft Silverlight and the Genero Desktop Client
- HTML5 preview capability
- Support for SOAP 1.2
- Support for Web Services Addressing 1.0
- Support for stateful web services
- A new API allows for control of encryption, network, and security settings
- Genero Application Server performance and memory optimization

Informix Genero V2.40 has improved compatibility with Informix 4GL 7.35 programming constructs, allowing for a more seamless process when transforming character-based applications to a graphical environment. Additional enhancements are provided for Informix Genero's business development language, which allow the user to more easily manipulate data and results. The following are some of the new features:

- Transaction instruction set that allows the user the ability to manage savepoints
- Expanded Static SQL syntax that allows the FIRST, LIMIT, SKIP, and MIDDLE SELECT projection clause options
- CASE expressions that are now possible in SQL statements
- IF EXISTS and IF NOT EXISTS clauses that are now possible in SQL DDL statements
- SQL and END SQL blocks that are now possible

The Genero Studio development environment component now makes it easier to provide support for web clients, such as the iPhone, Silverlight, and AJAX. And it delivers significant improvements to the Genero code analyzer for business application modelling. The Genero Report Writer component now supports DataMatrix barcodes, hyperlinks, and Excel, and Word 2007 and Word 2010 output formats.

Key prerequisites

Refer to the [Hardware and software requirements](#) section.

Planned availability date

March 6, 2012: Electronic availability

March 6, 2012: Media availability

Availability of Programs with encryption algorithm in France is subject to French government approval.

Cryptography in this product is limited to password encryption, authentication or digital signature.

Refer to the complete letter for national language availability.

Description

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM website

http://www.ibm.com/able/product_accessibility/index.html

Product positioning

IBM Informix Genero complements Informix 4GL product offering. This offering works to extend the current Informix 4GL capabilities and drives solutions to modern environments across disparate platforms with simplicity.

Informix Genero does not replace the current Informix 4GL product portfolio. Existing 4GL customers, who do not require modern environments for business applications, can remain on their current 4GL products and platforms.

Availability of national languages

Product description	Language	GA date
IBM IFMX Genero Dev Suite V2.40.0	English	March 15, 2012
IBM IFMX Genero RT Ste fr GE V2.40.0	English	March 15, 2012
IBM IFMX Genero RT Suite V2.40.0	English	March 15, 2012

Program number

Program number	VRM	Program name
5725-D13	2.40.0	IBM Informix Genero

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

Publications

No hardcopy publications are shipped with this product.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in

the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Technical information

Specified operating environment

Hardware and software requirements

Informix Genero

Platform requirements for product components will vary based upon usage.

Apple

Processor/System	Operating system	Informix Genero
Apple Apple	Mac OS X 10.5, 10.6, 10.7	32 bit, 64 bit

Hewlett Packard

Processor/System	Operating system	Informix Genero
PA RISC Itanium	HP-UX 11.11, 11.31 HP-UX 11.23, 11.31	64 bit 64 bit

IBM

Processor/System	Operating system	Informix Genero
System p	VAIX 5.3 to V7.1	64 bit

Linux™

Processor/System	Operating system	Informix Genero
x86_32	Linux RHEL 4, 5, 6, and SUSE Enterprise 10, 11, and Debian Stable (5.0 and 6.0)	32 bit
x86_64	Linux RHEL 4, 5, 6, and SUSE Enterprise 10, 11, and Debian Stable (5.0 and 6.0)	64 bit

PowerPC®

Processor/System	Operating system	Informix Genero
PowerPC	Red Hat Enterprise 4	64 bit

Solaris

Processor/System	Operating system	Informix Genero
x86_64 SPARC	Solaris 10, 11 Solaris 9, 10	64 bit 64 bit

x86

Processor/System	Operating system	Informix Genero
x86_32	windows™ XP, 2003 Server, 2008 Server, Vista, windows 7, Visual C++ 9.0	32 bit

x86_64

windows XP, 2003 64 bit
Server, 2008 Server,
Vista, Windows 7,
Visual C++ 9.0

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

IBM Informix Genero Developer Suite V2.40

- IBM Informix Genero Developer Suite V2.40 QSG - CD
- IBM Informix Genero Developer Suite V2.40 - DVD
- IBM Informix Genero Desktop Client V2.40 - DVD
- IBM Informix Genero Studio V2.40 - DVD
- IBM Informix Client Software Development Kit V3.50 - DVD

IBM Informix Genero Runtime Suite V2.40

- IBM Informix Genero Runtime Suite V2.40 QSG - CD
- IBM Informix Genero Runtime Suite V2.40 - DVD
- IBM Informix Genero Desktop Client V2.40 - DVD
- IBM Informix Connect Runtime V3.50 - DVD

Security, auditability, and control

IBM Informix Genero uses the security and auditability features of the host hardware or software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit

<http://www-306.ibm.com/software/support/pa.html>

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product information

Licensed function title	Product group	Product category
IBM Informix Genero Developer	IBM Informix	Informix

Suite Option	Servers	Genero
IBM Informix Genero Runtime Suite Option	IBM Informix Servers	Informix Genero
IBM Informix Genero Runtime Suite for Growth Edition	IBM Informix Servers	Informix Genero

Program name	PID number	Charge unit description
IBM Informix Genero Developer Suite Option	5725-D13	Per Authorized User Single Install
IBM Informix Genero Runtime Suite Option	5725-D13	Per Processor Value Unit (PVU)
IBM Informix Genero Runtime Suite Option	5725-D13	Per Floating User Single Session Single Install
IBM Informix Genero Runtime Suite Option	5725-D13	Per Authorized User Single Session
IBM Informix Genero Runtime Suite for Growth Edition	5725-D13	Per Limited Use Socket

Charge metrics definitions

Install

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type and model number at

http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to web page below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html

* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

Notes: Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

Passport Advantage program licenses

IBM Informix Genero

Part description	Part number
IBM Informix Genero Developer Suite Option	
IFMX Genero Dev Option Per Author User Single Install Annual SW S&S Rnw1	E0BQPLL
IFMX Genero Dev Option Per Author User Single Install Lic + SW S&S 12 Mo	D0IKYLL
IFMX Genero Dev Option Per Author User Single Install SW S&S Reinstate 12	D0IKZLL

IBM Informix Genero

Part description	Part number
IBM Informix Genero Runtime Suite Option	
IFMX Genero RT Suite Opt Float User Sngl Sess Sngl Inst Annual SW S&S Rnw1	E0BQNLL
IFMX Genero RT Suite Opt Float User Sngl Sess Sngl Inst Lic + SW S&S 12 Mo	D0IKWLL
IFMX Genero RT Suite Opt Float User Sngl Sess Sngl Inst SW S&S Reinstate 1	D0IKXLL
IFMX Genero RT Suite Opt Per Author.User Single Session Annual SW S&S Rnw1	E0BQMLL
IFMX Genero RT Suite Opt Per Author.User Single Session Lic + SW S&S 12 Mo	D0IKULL
IFMX Genero RT Suite Opt Per Author.User Single Session SW S&S Reinstate 1	D0IKVLL
IFMX Genero RT Suite Opt Per Processor Value Unit (PVU) Annual SW S&S Rnw1	E0BQ8LL
IFMX Genero RT Suite Opt Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D0IJMLL
IFMX Genero RT Suite Opt Per Processor Value Unit (PVU) SW S&S Reinstate 1	D0IJNLL

IBM Informix Genero

Part description	Part number
IBM Informix Genero Runtime Suite for Growth Edition	
Informix Genero RT Suite GE Per Limited Use Socket Annual SW S&S Rnw1	E0BQLLL
Informix Genero RT Suite GE Per Limited Use Socket Lic + SW S&S 12 Mo	D0IKSLL
Informix Genero RT Suite GE Per Limited Use Socket SW S&S Reinstate 12 Mo	D0IKTLL

Passport Advantage supply

Program name/description	Part number
IBM IFMX Genero Dev Suite V2.40.0	
IBM IFMX Genero Dev Suite Linux for System i® Integrated Mid-Market Business	BB1ACML
IBM IFMX Genero RT Ste fr GE V2.40.0	
IBM IFMX Genero RT Ste fr GE Windows Vista Business,SUSE Linux Enterprise	BB1AEML
IBM IFMX Genero RT Suite V2.40.0	
IBM IFMX Genero RT Suite Windows Vista Business,SUSE Linux Enterprise Serv	BB1ADML

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

IBM IFMX Genero RT Suite V2.40.0

Entitled maintenance offerings description	Media packs description	Part number
Informix Genero Runtime Suite Option per Authorized User Single Install	IBM IFMX Genero RT Suite Windows Vista Business,SUSE Linux Enterprise Serv	BB1ADML
Informix Genero Runtime Suite Option per Floating User Single Session Single Install	IBM IFMX Genero RT Suite Windows Vista Business,SUSE Linux Enterprise Serv	BB1ADML
Informix Genero Runtime Suite Option per Processor Value Unit	IBM IFMX Genero RT Suite Windows Vista Business,SUSE Linux Enterprise Serv	BB1ADML

IBM IFMX Genero RT Ste fr GE V2.40.0

Entitled maintenance offerings description	Media packs description	Part number
Informix Genero Runtime Suite per Socket	IBM IFMX Genero RT Ste fr GE Windows Vista Business,SUSE Linux Enterprise	BB1AEML

IBM IFMX Genero Dev Suite V2.40.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Informix Genero Developer Option per Authorized User Single Install	IBM IFMX Genero Dev Suite Linux for System i Integrated Mid-Market Business	BB1ACML

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

License Information form number

Program name	Program number	Form number
IBM Informix Genero	5725-D13	L-DDAY-8FMVSF

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Program technical support

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

Money-back guarantee

For clarification, note that if for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

International Passport Agreement

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Other terms

IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Educational allowance available

Education allowance does not apply.

Education software allowance does not apply.

Special education prices are available for qualified customers through Passport Advantage.

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered destroyed or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

Prices

Passport Advantage

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<http://www.ibm.com/software/passportadvantage>

Business Partner information

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<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller/emea/channelannouncement>

Announcement countries

All European, Middle Eastern, and African countries except:

- Iran
- Sudan
- Syria

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