IBM ®

Selected IBM Informix Products Now Available through Passport Advantage

Overview

Selected Informix™ products have been added to IBM's Passport Advantage program to support IBM's commitment of fully integrating Informix in the IBM Data Management family. The Passport Advantage program enables worldwide volume licensing of software from IBM, including DB2® , WebSphere® , Lotus® , and Tivoli® . This complete, flexible offering covers licenses and Software Maintenance for IBM distributed products.

The following Informix products are now available through IBM's Passport Advantage offering:

- IBM Informix Dynamic Server (IDS) V9.30 (for AIX® V5.1, 64-bit)

- IBM Informix 4GL V7.31

- IBM Informix SQL V7.31

- IBM Informix Workgroup DataBlade Bundle V1.00

- IBM Informix Client Software Development Kit (CSDK) V2.80

The following IBM Informix product is being withdrawn from marketing and service:

- IBM Office Connect V2.0

  - Withdrawn from marketing, effective September 12, 2002

  - Withdrawn from service, effective September 12, 2003

Key Prerequisites

Refer to the **Hardware Requirements** section.

Planned Availability Dates

- July 30, 2002

  - IBM Informix Workgroup DataBlade Bundle V1.00 Media Pack

  - Compiler Runtime Processor and RDS Runtime Processor for IBM Informix 4GL V4.20, V4.30, and V7.30

  - Runtime Processor for IBM Informix SQL V4.20, V4.30, and V7.30

- August 16, 2002

  - IBM Informix CSDK V2.80 Media Packs and Doc Pack

- September 27, 2002

  - IBM IDS V9.30 Media Packs

  - IBM Informix 4GL V7.31 Media Packs and Doc Packs

  - IBM Informix SQL V7.31 Media Packs and Doc Packs

Electronic Software Delivery Dates

- July 30, 2002

  - IBM Informix CSDK V2.80 Media Packs

- September 9, 2002

  - IBM IDS V9.30 Media Packs

- September 13, 2002

  - IBM Informix 4GL V7.31 Media Packs and Doc Packs

  - IBM Informix SQL V7.31 Media Packs and Doc Packs

At a Glance

The selected IBM Informix products:

- Deliver superior reliability which meets the needs of today's demanding e-business environment ─ particularly for applications requiring high-performance transactions

- Support complex and rigorous online transaction processing requirements

- Optimize competitive business intelligence capabilities

- Maximize data operations for the workgroup and the global enterprise

- Provide a proven, best-of-breed database management solution

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Description

IBM Informix Dynamic Server (IDS) V9.30

IBM IDS V9.30 provides the mission-critical availability, reliability, scalability, and data-intensive transaction management capabilities that a growing number of organizations rely on to succeed in e-business. It also provides world-leading extensibility features.

Because business logic can be embedded in the database and fully integrated in IBM Informix Dynamic Scalable Architecture (DSA), IDS V9.30 can solve business problems that few other systems can. It can also provide uniform access to client information — regardless of where it resides — through leading distributed database and virtual table capabilities, thereby allowing queries to encompass a wide range of databases, from flat files to other IDS and non-IDS databases.

IDS V9.30 is available in three configuration options:

- Workgroup Edition V9.30 — Ideal for small to medium-size businesses and departmental solutions that require the power of an enterprise database.

- Enterprise Edition V9.30 — Provides all of the features of IDS Workgroup Edition plus features that take advantage of today's large-scale symmetric multiprocessing (SMP) systems. License is based on number of concurrent sessions.

- Enterprise Edition Unlimited V9.30 — Same features as IDS Enterprise Edition except license is processor-based.

IDS V9.30 includes the following core products:

- Blade Manager — Allows the user to install, register, uninstall, and unregister DataBlade modules.

- IBM Informix Connect — A runtime connectivity product that includes the runtime libraries of the IBM Informix application programming interfaces that comprise the IBM Informix Client Software Development Kit (CSDK) product. These libraries are required by applications running on client machines to access Informix servers. Informix Connect is needed when finished applications are ready to be deployed.

- IBM Informix DataBlade Development Kit (DBDK) — Provides an easy-to-use graphical development environment for creating new data types and routines, as well as manages the packaging, installation, and registration of completed DataBlade modules. While DBDK runs only on Microsoft™ Windows®, you can use it to create DataBlade modules for both Windows and UNIX® operating systems using C, Java™, and Informix Stored Procedure Language (SPL).

- IBM Informix Java Database Connectivity (JDBC) — The JavaSoft specification of a standard API that allows Java programs to access database management systems. The JDBC API consists of a set of interfaces and classes written in the Java programming language.

- IBM Informix Server Administrator — A browser-based, cross-platform database server administration tool. It provides an easy-to-use interface for the IDS command line, thus eliminating the need to memorize commands and options.

- Server Studio JE by AGS — Serves as a foundation for the integration of database development, operational administration, diagnostic, and recovery into a single, seamless application that works across the entire family of IBM Informix database servers. Featuring an intuitive, easy-to-use GUI, Server Studio sets a new standard for productivity in development, debugging, analysis, optimization, deployment, and administration of database applications.

Summary

IDS V9.30 is a best-of-breed, general-purpose online transaction processing (OLTP) database for the enterprise and workgroup which:

- Supports databases up to four terabytes

- Enables dynamic, database-driven Web sites

- Provides access (queries, and so on) to all client information through an IBM or a competitor's database

- Links a few or hundreds of IDS databases (stores, distribution centers)

- Provides the highest levels of continuous availability

- Contains innovative features for achieving unsurpassed transaction rates, optimum response times, ease of management, and low cost of operation

- Delivers high-performance transactional replication for industry-leading performance

- Provides replication capabilities for linking stores to distribution centers, distribution centers to corporate headquarters, or any information requiring reliable, quick dissemination across a global organization

Business Benefits

- Lower cost of ownership — Many typical database administration operations are self-managed by the IDS V9.30 database. IDS customers typically report needing up to one-third less staff than is needed to manage non-IBM database products.

- Shortened development cycles due to rapid deployment capabilities.

- Continuous availability is provided by IDS High-availability Data Replication (HDR) feature.

- Fully integrated business logic through IBM's parallel-everything DSA architecture. The logic runs where the data is stored, dramatically increasing the performance and efficiency of customer applications.

- IDS Enterprise Replication (ER) links a few or hundreds of IDS databases.

IBM IDS V9.30 Solves Market Problems

- Replication capabilities enable customers to link stores to distribution centers, distribution centers to corporate headquarters, or to any information requiring quick and reliable dissemination across a global organization.

- IDS V9.30 can provide uniform access to all client information — regardless of where it resides — through leading distributed database and virtual table capabilities.

- Through the use of IBM Informix DataBlade technology, the capabilities of the database can be extended to meet specific organizational requirements. This includes the ability to manage all types of data including text, images, sound, video, time series, and spatial. You can develop applications that use this technology to gain competitive advantage in ways not previously possible or practical and save costs as well.

- IDS V9.30 is fully integrated with Web technology so that data can be accessed easily from the Internet or from the company intranet. This allows you to quickly build e-business applications that provide a competitive advantage, greater customer service, and reduced costs.

- IDS V9.30 supports a broad range of data management applications with excellent performance and reliability. As a result, a large number of industry solution providers ─ including SAP, Baan, PeopleSoft, and Siebel ─ use IDS V9.30 to support their applications. This allows customers to satisfy their requirements more quickly by buying rather than building solutions.

IBM Informix Workgroup DataBlade Bundle V1.00

The IBM Informix Workgroup DataBlade Bundle V1.00 includes the following core products:

- IBM Informix Web DataBlade V4.13
- IBM Informix Excalibur Text Search DataBlade V1.30
- IBM Informix Data Director for Web V2.00

Combined with IBM IDS, the Informix Excalibur Text Search DataBlade module provides your customers with a fast, easy way to search text stored inside the database. Customers can use this module to greatly improve the performance and flexibility of text searches.

The IBM Informix Excalibur Text Search DataBlade module can search documents in virtually any format that contains ASCII and ISO characters. Extensive "fuzzy" search capabilities allow users to find data that would otherwise go unnoticed in standard text searches. Boolean, phrase, and synonym searching allow users a wide range of query customization capability. Any language, word, or phrase that can be expressed in an 8-bit, single-byte character set is supported. Formatted documents can be filtered before indexing.

Summary

- Fast, easy searching of text stored inside the database

- Simple searching over pieces of text

- Flexible searching capability including "fuzzy", Boolean, and synonym searches

- Filters for a wide variety of document types

- Multilanguage support

Business Benefits

- Full text indexing, including extensive support for fuzzy-search logic (especially important when indexing scanned text)

- Rapid query results

- Current support for documents in ASCII, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, HTML, PDF, WordPerfect, and other formats

- Adaptive Pattern Recognition Process (APRP) engine for maximum precision, recall, and relevance in applications that require either full text retrieval or ad hoc text query

- Feature-rich (multiple stop-word lists, proximity searching, synonym lists)

- Boolean phrase searching

- Improved search and stop-word capabilities for words with non-ASCII characters

- Improved search result highlighting capabilities

- A word frequency utility function for query tuning and performance diagnostics

- Enhanced indexing performance through disabling logging of smart binary large objects (BLOBs)

IBM Informix Web DataBlade Solves Market Problems

The IBM Informix Web DataBlade module is a collection of tools, functions, and examples that ease development of intelligent, interactive, Web-enabled database applications. This module supports most Web Server APIs, and enables a truly interactive Web site.

- The Webdriver database client application builds SQL queries that execute the WebExplode function for retrieving AppPages from your database.

- The Web DataBlade module enables you to customize Web applications using information from its configuration file, or stored in the database, without gateway programming.

- The module allows you to track persistent session variables between AppPages.

- Netscape Server API (NSAPI) Webdriver component: This implementation of Webdriver is written with the NSAPI and is used only with Netscape Web servers.

- Apache Webdriver component: This implementation of Webdriver is written with the Apache API and is used only with Apache Web servers.

- Internet Server API (ISAPI) Webdriver component: This implementation of Webdriver is written with the Microsoft Internet Information Server API and is used only with Microsoft Internet Information Web servers.

- Common Gateway Interface (CGI) Webdriver component: This implementation of Webdriver is a standard CGI program that can be executed by all Web servers.

- The WebExplode Function is an SQL function that builds dynamic HTML.

IBM Informix Excalibur Text Search DataBlade Solves Market Problems

- For Web sites, your customers can perform searches for text across the entire site with one query, regardless whether the pages are stored inside or outside the database.

- For customers who have complex Web sites, this feature is essential in navigating through or managing those sites.

- With full text search capabilities, customers can now take advantage of an engine that is optimized for indexing and searching text information, using proximity searches and other features.

- Customers can now add extensive text searching to many existing applications.

IBM Informix Data Director for Web Solves Market Problems

IBM Informix Data Director for Web provides a model-driven development environment designed explicitly for creating powerful database applications that can grow with your business ─ addressing both evolving enterprise needs and increasingly diverse technical requirements.

- Automates all of the data access operations of the client application

- Eliminates the task of writing data access code

- Allows developers to easily incorporate sophisticated functionality without having to be a database programming expert

- Helps project teams improve their time to market with scalable applications that solve real business problems

- Enables interactive Web sites with Informix Web DataBlade module

IBM Informix 4GL V7.31

IBM Informix 4GL provides great value in performing significant server-side logic ─ as opposed to simple stored procedure components ─ in a rich, debuggable language that promotes programmer efficiency. Customer applications range from OLTP applications like order entry, distribution, and business office, to batch processing.

IBM Informix 4GL includes the following products:

- 4GL Compiler Development
- 4GL Compiler Runtime
- 4GL RDS Development
- 4GL RDS Runtime
- 4GL Interactive Debugger

Summary

- Provides rapid development and interactive debugging capabilities

- Offers high performance in the production environment

- Integrates the functionality you need for building even the most complex applications

- Does not require the use of a third-generation language

- Allows you to easily maintain your applications for years to come

- Is based on industry-standard SQL

- Is easily portable

Business Benefits

- Rapid application development environment

- Excellent business reporting capabilities

- Enables intense server-side batch processing

- Is ideal for non-visual, update, and calculation-intensive logic

- Supports IDS V9.30 features through expanded global support and through greater efficiency via the IBM Informix CSDK

IBM Informix SQL V7.31

IBM Informix SQL provides great value in performing simple tasks when users need access to their data. Customer applications range from OLTP applications like order entry, distribution, and back-office, to reports out of the database.

IBM Informix SQL includes the following products:

- SQL Development
- SQL Runtime

Summary

- Provides rapid development for green screen terminals and applications

- Does not require the use of a programming language

- Allows you to easily maintain your applications for years to come

- Is based on industry-standard SQL

- Is easily portable

Business Benefits

- Rapid application development and reporting

- Supports IBM IDS, IBM Informix SE, and IBM Informix OnLine 5

- Expanded global support

IBM Informix SQL Solves Market Problems

- Enables customers to quickly get access to their data for evaluation

- Provides easy reporting capabilities for quick data analysis

- Is an ideal language for character-based terminal deployment

IBM Informix Client Software Development Kit V2.80

IBM Informix CSDK V2.80 is a collection of APIs that can speed development of applications that work with IBM IDS and IBM Informix Extended Parallel Server (XPS).

Using CSDK V2.80, developers can write applications in the language they prefer, whether it is Java, C++, C, ESQL, or any application tools with ODBC and/or OLEDB access. This flexibility allows more choice in programming environments, promotes easier and faster application development, and reduces the cost of training developers in new skills.

Using CSDK V2.80, developers can build one application to access multiple IBM Informix databases. This saves maintenance and support expenses, minimizes downtime, and further speeds application development.

IBM Informix CSDK V2.80 includes the following components:

- IBM Informix ESQL/C V9.52

- IBM Informix ODBC Driver V3.81

- IBM Informix OLEDB Provider V2.70 (Win32 only)

- IBM Informix Object Interface for C++ V2.83

- IBM Informix JDBC Driver V1.50 (Type 4)

- IBM Informix Embedded SQLJ V1.01 and Informix JDBC Driver V2.21 (Type 4)

- IBM Informix Connect V2.80

Summary

- CSDK APIs are optimized for accessing Informix databases.

- Speeds development of applications that work with IBM Informix IDS and IBM Informix XPS.

- Allows developers to write applications in the language they prefer (Java, C++, C, ESQL, or tools with ODBC and/or OLEDB access).

- Reduces the cost of training developers in new skills.

- Allows developers to build one application that accesses multiple IBM Informix databases.

Business Benefits

- A newly re-architected OLEDB provider brings solid data access performance improvement and unicode support to Microsoft Visual Basic or Visual C++ applications that require data access in a variety of locations and formats.

- An enhanced unicode-enabled, industry-standard compliant ODBC driver enables developers to dynamically access a broad range of Informix database servers including IDS, XPS, Online, and Standard Engine.

- Provides server support for those customers developing applications that exploit new XPS V8.4 features.

- JDBC V2.21 is a platform-independent, industry-standard Type 4 JDBC driver that provides enhanced support for distributed transactions and is optimized to work with the IBM WebSphere Application Server.

Section 508 of the U.S. Rehabilitation Act

The selected IBM Informix products are capable, as of July 30, 2002, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the products properly interoperates with them.

Reference Information

Software Announcement 201-202, dated July 10, 2001, entitled IBM Simplifies and Enhances the IBM International Passport Advantage Agreement

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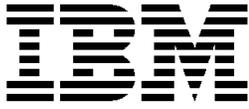
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Product information will be available through Offering Information (OITOOL) at:

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Technical Information

Specified Operating Environment

Hardware Requirements

IBM Informix Dynamic Server (IDS) V9.30

When running on a **Unix Server**, IDS V9.30 requires:

- 64 MB RAM (minimum)
- 200 MB available hard disk space

When running on a **Windows NT**® **Server**, IDS V9.30 requires:

- 64 MB RAM
- 64 MB swap space
- 200 MB available hard disk space

When running on a **PC Client** (development system), IDS V9.30 requires:

- 32 MB RAM
- 50 MB available hard disk space

IBM Informix 4GL V7.31

The IBM Informix 4GL products have the following minimum hard disk requirements:

- 4GL Compiler Development — 150 MB
- 4GL Compiler Runtime — 50 MB
- 4GL RDS Development — 150 MB
- 4GL RDS Runtime — 50 MB
- 4GL Interactive Debugger — 50 MB

In addition, they require a minimum of 128 MB RAM.

Note: Disk space requirements do not increase incrementally if multiple 4GL products are installed in the same directory as they have overlapping files.

IBM Informix SQL V7.31

The IBM Informix SQL products have the following minimum hard disk requirements:

- SQL Development — 150 MB
- SQL Runtime — 50 MB

In addition, they require a minimum of 128 MB RAM.

IBM Informix Workgroup DataBlade Bundle V1.00

The three bundled Workgroup DataBlade products have the following hard disk and memory requirements:

- Web DataBlade Module V4.13

    - 30 MB hard disk space
    - 128 MB RAM

- Excalibur Text Search DataBlade Module V1.30

    - 35 MB hard disk space
    - 64 MB RAM

- Data Director for Web V2.00

    - 40 MB hard disk space
    - 32 MB RAM

IBM Informix Client Software Development Kit (CSDK) V2.80

When running in a **Microsoft**™ **Windows**® **environment**, IBM Informix CSDK requires:

- 486 MHz, or higher microprocessor

- 16 MB RAM

- 20 MB available hard disk space

- 10 MB of available hard disk space for JDBC 1.5 drivers

- 30 MB of available hard disk space for IBM Informix JDBC driver 2.2 and embedded SQL/J

When running in a **Unix workstation environment**, IBM Informix CSDK requires:

- 43 MB of available hard disk space

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- 10 MB of available hard disk space for JDBC 1.5 drivers
- 30 MB of available hard disk space for IBM Informix JDBC driver 2.2 and embedded SQL/J

Software Requirements

IBM Informix Dynamic Server V9.30

When running on a **Unix Server**, IDS V9.30 requires the following certified operating systems:

- Linux 2.2.14, GLIBC 2.1.3
- Sun Solaris 2.6, 7, 8 (32 bit)
- Sun Solaris 7, 8 (64 bit)
- Windows NT 4.0
- Windows 2000 (Professional, Server, and Advanced Server editions)
- IBM AIX® 4.3.3 (32 bit)
- IBM AIX 5.1 (64 bit)
- HP 11.0, 11i (32 and 64 bit)
- SGI Irix 6.5 (32 bit)
- Caldera/SCO OpenUnix 8
- Fujitsu-Siemens (32 bit)
- Reliant Unix 5.43, 5.44, 5.45
- Compaq/DEC Tru64 5.1

Note: The Linux ports of IDS V9.30 do not support SNMP.

When running on a **Windows NT Server**, IDS V9.30 requires:

- Windows NT 4.0 (SP3 or later)
- TCP/IP protocol
- Windows NT File System (NTFS)

When running on a **PC Client**, IDS V9.30 requires:

- Microsoft Windows NT 4.0, Windows 95, or Windows 98
- Microsoft C/C++ Compiler 4.1
- TCP/IP protocol

IDS **Client** Java™ requirements:

- JDBC 1.5 requires JDK 1.1.x
- JDBC 2.20 requires JDK 1.2.x or 1.3.x

IDS **Server** Java requirements:

- J/Foundation requires JDK 1.3.x (refer to Machine/Release Notes for correct version/vendor for your platform)

Note: IDS with J/Foundation is certified to work with a single JVM on each platform at a particular version. Customers must use that JVM and version.

IBM Informix 4GL V7.31

The IBM Informix 4GL V7.31 products have the following minimum software requirements:

- IBM Informix Online 5.1
- IBM Informix SE 5.1
- IBM Informix SE 7.2x
- IBM Informix IDS 7.3 and 9.x
- C Compiler
- Linux 2.2.14, GLIBC 2.1.2 and 2.1.3
- Linux 2.2.12, GLIBC 2.1.2
- Sun Solaris 2.6

- Sun Solaris 7, 8 (32 and 64 bit)
- Fujitsu Solaris 7, 8 (32 and 64 bit)
- IBM AIX 4.3.3 (32 and 64 bit)
- Bull AIX 4.3.3 (32 and 64 bit)
- HP 11.0, 11.11 (32 and 64 bit)
- Compaq Digital UNIX® 4.0D, 4.0E
- Compaq Tru64 4.0F, 4.0G, 5.0A, 5.1, 5.1A

IBM Informix SQL V7.31

The IBM Informix SQL V7.31 products have the following minimum software requirements:

- IBM Informix Online 5.1
- IBM Informix SE 5.1
- IBM Informix SE 7.2x
- IBM Informix IDS 7.3 and 9.x
- C Compiler
- Linux 2.2.14, GLIBC 2.1.2 and 2.1.3
- Linux 2.2.12, GLIBC 2.1.2
- Sun Solaris 2.6
- Sun Solaris 7, 8 (32 and 64 bit)
- Fujitsu Solaris 7, 8 (32 and 64 bit)
- IBM AIX 4.3.3 (32 and 64 bit)
- Bull AIX 4.3.3 (32 and 64 bit)
- HP 11.0, 11.11 (32 and 64 bit)
- Compaq Digital UNIX 4.0D, 4.0E
- Compaq Tru64 4.0F, 4.0G, 5.0A, 5.1, 5.1A

IBM Informix Workgroup DataBlade Bundle V1.00

The three bundled Workgroup DataBlade products have the following minimum software requirements:

1. Web DataBlade Module V4.13

   - IBM IDS V9.21, or later
   - BladeManager (part of IDS)
   - Connect 2.6, or later (part of IDS)
   - Webservers (for Webdriver)
   - iPlanet 4.x or 6.x (API0 or Apache 1.3.19, or later •API", or IIS 4.0 or 5.0 •API", or any CGI Webserver)
     - Sun Solaris32 (Solaris 2.6 and 2.7)
     - Sun Solaris64 (Solaris 2.7 and 2.8)
     - IBM32 AIX (4.3.3 and 5.1)
     - Windows NT 4.0
   - Windows 2000
     - HP32 (HPUX 11.0)
     - HP64 (HPUX 11.0)
     - Linux (RedHat 6.2, 7.2)
     - Compaq/Dec 5.0D
     - SGI32 (IRIX 6.5)
   - Fujitsu Solaris 7 (32 and 64 bit)
   - Fujitsu Solaris 8 (32 bit)

2. Excalibur Text Search DataBlade Module V1.30

   - IBM IDS V9.21, or later
   - BladeManager (part of IDS)
   - Sun Solaris 2.6, 7
   - Sun Solaris 8 (32 bit)
   - Fujitsu Solaris 7, 8
   - HP 11.0 (32 bit)
   - Compaq Digital UNIX 4.0D and 4.0E
   - Compaq Tru64 4.0F and 4.0G, 5.0, 5.0A, 5.1
   - Windows NT

3. Data Director for Web V2.00

   - IBM IDS V9.21, or later

- IBM Informix Web DataBlade Module V3.32, or later
- Windows NT 4.0
- Windows 95
- Windows 98
- Windows 2000

IBM Informix Client Software Development Kit V2.80

When running in a **Microsoft Windows environment**, IBM Informix CSDK requires:

- Windows NT V4.0 (Service Pack 5, or later)
- Windows 98/ME/XP, Windows 2000 Professional, or Windows 2000 Server
- TCP/IP protocol that is Windows Sockets 1.1 compliant
- Microsoft Visual C++ Compiler V6.0
- MTS 2.0 (to enable use of the MTS feature for ODBC and OLEDB)

JDBC 1.5 drivers require JVM compatibility with SunSoft's JDK 1.2 (or later) which is compliant with JDBC 1.0 Specifications.

IBM Informix JDBC driver 2.2 and embedded SQL/J require JVM compatibility with SunSoft's JDK 1.2 (or later) which is compliant with JDBC 2.0 Specifications.

When running in a **UNIX workstation environment**, IBM Informix CSDK requires:

- Native TCP/IP protocol
- Native C/C++ Compiler
- Java
- Sun Solaris 2.7 (64 bit)
- Sun Solaris 8
- HP 11.0, 11.0i (32 and 64 bit)
- AIX 4.3.3, 5.1 (32 bit and 64 bit)
- Compaq/Dec 5.1, 5.1a
- Linux 2.2.14, GLIBC 2.1.3
- Linux 2.4
- SCO OpenUnix 8
- SGI IRIX 6.5 (64 bit)
- UnixWare 7.1.1

JDBC 1.5 drivers require JVM compatibility with SunSoft's JDK 1.1.5, or later, which is compliant with JDBC 1.0 Specifications.

IBM Informix JDBC driver 2.2 and embedded SQL/J require JVM compatibility with SunSoft's JDK 1.2, or later, which is compliant with JDBC 2.0 Specifications.

Planning Information

Packaging

IBM Informix Dynamic Server V9.30 Package

- IBM International Program License Agreement (IPLA) in multilanguage booklet and its License Information (LI) in multiple languages
- One Installation Guide for Informix Dynamic Server on UNIX
- One Installation Guide for Informix Client products
- One DataBlade Module Installation and Registration Guide
- One Getting Started with IBM Informix Dynamic Server

- One serial key file
- Eight CD-ROMs, including two language supplement CDs

SQL Development V4.20 — AIX, SOL, HP Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- IBM IPLA booklet for U.S. and Asia Pacific
- One IPLA Pointer Sheet
- One serial key file
- One Informix Unix Products Installation Guide V4.1
- One Passport Advantage customer letter
- Four CD-ROMs, including Answers Online Chronicles V6.0

SQL Development V4.20 — Digital Unix (64 bit), UnixWare, SCO Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- IBM IPLA booklet for U.S. and Asia Pacific
- One IPLA Pointer Sheet
- One serial key file
- One Informix Unix Products Installation Guide V4.1
- One Passport Advantage customer letter
- Four CD-ROMs, including Answers Online Chronicles V6.0

SQL Development V4.20 — DG-UX, DYNIX®/ptx®, NCR, Reliant Unix, SINUX, Unisys Package

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- IBM IPLA booklet for U.S. and Asia Pacific
- One IPLA Pointer Sheet
- One serial key file
- One Informix Unix Products Installation Guide V4.1
- One Passport Advantage customer letter
- Seven CD-ROMs, including Answers Online Chronicles V6.0

SQL Development V4.30 — AIX, SOL, HP Package (Japanese only)

- IBM IPLA in multilanguage booklet and its LI in multiple languages
- IBM IPLA booklet for U.S. and Asia Pacific
- One IPLA Pointer Sheet
- One serial key file
- One DBCentury Enhancement for Japanese Tools 4.3
- One 4.0/4.1 Install Manual Part 2 RevA Japanese
- One 4.0/4.1 UGI Release Notes Part 2
- One Migration Part 2 V4.0/4.1 RevA Japanese
- One Passport Advantage customer letter
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Product Group: IBM Database Management

Product Identifier Description	Program Number
IBM Informix Dynamic Server V9.30	5724-C17
IBM Informix Client Software Development Kit V2.80	5724-C23
IBM Informix SQL V4.20	5724-C54
IBM Informix SQL V4.30 (Japanese only)	5724-C54
IBM Informix SQL V7.30, V7.31	5724-C55
IBM Informix 4GL V4.20	5724-C65
IBM Informix 4GL V4.30 (Japanese only)	5724-C65
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Informix CSDK V2.80 AIX, SOL, HPUX 32 bit Media Pack English	BB0BKNA
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Informix CSDK V2.80 Windows Media Pack English	BB0BMNA
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Informix CSDK V2.80 Digital Unix Media Pack English	BB0BPNA
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Informix CSDK V2.80 Doc Pack English	BB0BSNA

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Program Name/Description	Part Number
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Informix SQL Runtime Processor LIC/SW MAINT 1 ANNIV	D51ISLL
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Informix SQL Runtime Processor SW MAINT RNWL 1 ANNIV	E00H6LL
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Informix 4GL Compiler Development V7.31 Media Pack English	BB0C7NA
Informix 4GL Compiler Development V7.31 Doc Pack English	BB0C8NA
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Informix 4GL Compiler Runtime Processor LIC/SW MAINT 1 ANNIV	D51IILL
Informix 4GL Compiler Runtime Processor LIC/SW MAINT 2 ANNIV	D51IJLL
Informix 4GL Compiler Runtime Processor SW MAINT RNWL 1 ANNIV	E00H2LL
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Informix 4GL RDS Runtime V7.31 Media Pack English	BB0CDNA

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Informix 4GL RDS Runtime Processor LIC/SW MAINT 1 ANNIV	D51ILLL
Informix 4GL RDS Runtime Processor LIC/SW MAINT 2 ANNIV	D51IMLL
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Informix 4GL RDS Runtime Processor SW MAINT AFT LIC 1 ANNIV	D51INLL
Informix 4GL Interactive Debugger V7.31 Media Pack English	BB0C6NA

IBM Informix Workgroup DataBlade Bundle V1.00

Program Name/Description	Part Number
Informix Workgroup DataBlade Bundle V1.00 Media Pack English	BB0BJNA
Informix Workgroup DataBlade Bundle Server LIC/SW MAINT 1 ANNIV	D51H2LL
Informix Workgroup DataBlade Bundle Server LIC/SW MAINT 2 ANNIV	D51H3LL
Informix Workgroup DataBlade Bundle Server SW MAINT RNWL 1 ANNIV	E00EALL
Informix Workgroup DataBlade Bundle Server SW MAINT AFT LIC 1 ANNIV	D51H4LL
Informix Workgroup DataBlade Bundle Concsesn LIC/SW MAINT 1 ANNIV	D51GZLL
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IBM Informix Dynamic Server V9.30

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- IXDSWKGCNSN — INFMX DYN SVR IDS WKGP CNC SSN

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Informix CSDK V2.80 AIX, SOL, HPUX 64 bit Media Pack English	BB0BLNA
Informix CSDK V2.80 Windows Media Pack English	BB0BMNA
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Informix CSDK V2.80 DG/UX, Digital Unix Media Pack English	BB0BPNA
Informix CSDK V2.80 Reliant Unix/IRIX Media Pack English	BB0BQNA
Informix CSDK V2.80 UnixWare Media Pack English	BB0BRNA

IBM Informix SQL V7.31

Entitled Maintenance Offerings

- IXSQDVPTRUSR — INFMX SQL DVPT REG USR

- IXSQRNTMCNSS — INFMX SQL RNTM CONC SESN

- IXSQRNTMSB02 — IBM INFORMIX SQL RUNTIME PROC

Media Packs Description	Part Number
Informix SQL Development V7.31 Media Pack English	BB0CHNA
Informix SQL Runtime V7.31 Media Pack English	BB0CFNA

IBM Informix 4GL V7.31

Entitled Maintenance Offerings

- IX4GCDVPRUSR ─INFMX 4GL COMPLR DVP RG USR
- IX4GRDDVRUSR ─ INFORMIX 4GL RDS DVPT REG USER
- IX4GCRNTCNSS ─INFMX 4GL CMPL RNT CNC SESN
- IX4GCRNTSB02 ─ IBM INFORMIX 4GL COMPILR RNTIM PROC
- IX4GRDRTCNSS ─ INFORMIX 4GL RDS RUNTIME CONC SESN
- IX4GRDRTSB02 ─IBM INFX 4GL RAPD DVP SYS RNTM PROC
- IX4GCDBDRUSR ─ INFMX 4GL INTRCT DEBUG DVPT REG USR

Media Packs Description	Part Number
Informix 4GL Compiler Development V7.31 Media Pack English	BB0C7NA
Informix 4GL RDS Development V7.31 Media Pack English	BB0CBNA
Informix 4GL Compiler Runtime V7.31 Media Pack English	BB0C9NA
Informix 4GL RDS Runtime V7.31 Media Pack English	BB0CDNA
Informix 4GL Interactive Debugger V7.31 Media Pack English	BB0C6NA

IBM Informix Workgroup DataBlade Bundle

Entitled Maintenance Offerings

- IXWKBLPCNSN ─INFX WORKGRP DATABL BDL CONC SSN
- IXWKBLPSB01 ─ INFORMIX WRKGRP DATABLADE BDLE SVR

Media Packs Description	Part Number
Informix Workgroup DataBlade Bundle V1.00 Media Pack English	BB0BJNA

Withdrawal of Previous Passport Advantage Part Numbers

Withdraw from Marketing Information

The following IPLA software part numbers are being replaced or obsoleted by this announcement. The effective withdrawal date is September 12, 2002.

Orders for these part numbers will not be accepted after the stated effective date of withdrawal, nor will normal marketing activities or educational support be available unless previous agreement exists between the customer and IBM.

Program Name/Description	Part Number
IBM Office Connect Personal Edition V2.0 Media Pack English	BB01CNA

New Release Information

Program Name/Description	Part Number
IBM Office Connect Personal Edition V3.0 Media Pack English	BB01ENA

Terms and Conditions

Licensing: IBM IPLA. Proofs of Entitlement (PoE) 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

PID Description	LI Booklet
IBM Informix Dynamic Server V9.30	CT1F7ML
IBM Informix SQL V4.20, V4.30, V7.30, V7.31	CT1FCML
IBM Informix 4GL V4.20, V4.30, V7.30, V7.31	CT1FBML
IBM Informix Workgroup DataBlade Bundle V1.00	CT1F5ML
IBM Informix Client Software Development Kit V2.50, V2.60, V2.70, V2.80	CT1F9ML

Limited Warranty Applies: Yes

Program Services: Central Service through mail or fax will be provided by IBM until the dates indicated below. For related information, refer to the Informix TechInfo Center at:

http://www.ibm.com/software/data/informix/support

Additional fee support will be provided through the IBM Operational Support Services ─Support Line and Country specific service offerings. Contact IBM for further information on what is available in your country.

These programs will be subject to the terms of the IBM IPLA contained in the program package, and not to the Agreement for IBM Licensed Programs.

This Statement is complementary to the IBM IPLA contained in the program package.

Program Name	Program Number	Service End Date
IBM Informix Dynamic Server V9.30	5724-C17	October 1, 2005
IBM Informix Client Software Development Kit V2.80	5724-C23	August 16, 2004
IBM Informix SQL V4.20, V4.30	5724-C54	August 16, 2005
IBM Informix SQL V7.30, V7.31	5724-C55	August 16, 2005
IBM Informix 4GL V4.20, V4.30	5724-C65	August 16, 2005

Program Name	Program Number	Service End Date
IBM Informix 4GL V7.30, V7.31	5724-C66	August 16, 2005
IBM Informix Workgroup DataBlade Bundle V1.00	5724-D27	July 30, 2003

For program defect-related problems, the following procedure for assistance in problem identification is applicable:

- Contact your remarketer or distributor or, alternatively
- Mail or fax the written problem description to IBM

IBM will reply in writing with information about correction, bypass, or restriction with the intent to make the program perform according to its specifications, or, if there are none, to its principles of operation.

Customer information needed when submitting a problem:

- Address and contact name

- Current maintenance/Corrective Service Diskette (CSD) level

- Problem description (typed, not hand written)

Additional information on customer reported problems can be obtained from your remarketer/distributor or IBM.

Money-Back Guarantee: If for any reason you are dissatisfied with the program, return it within 30 days from the invoice date, to the party (either IBM or its reseller) from whom you acquired it, for a refund. This applies only to your first acquisition of the program.

Copy and Use on Home/Portable Computer: No

Volume Orders (IVO): No

Passport Advantage Applies: Yes and through the Passport Advantage Web site at:

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

Usage Restriction: Yes. The selected IBM Informix products are available through IBM's Passport Advantage offering. The charge structure (level of use) of a given Program is specified by one of the following:

- **Server** — "Server" means a server on which the program is installed or executed.

- **Processor** — "Processor" means a processor that forms part of the server on which the program is installed or executed. You must acquire a use authorization for each such Processor.

- **Concurrent Session** — A Concurrent Session, at a given point in time, is each logical connection existing at that time between the Program and an end-user interface device. Each such existing connection is counted as a Concurrent Session whether or not it is actually in use. If an individual end user establishes multiple connections, each one is counted as a separate Concurrent Session, even if they share a common physical pathway. The number of connections is not reduced by any program or machine, such as a front-end server or multiplexer, which may be used to concentrate the connections. Each batch process being executed at the same time is also considered to be a Concurrent Session.

- **Registered User** — A Registered User of a program is a specific individual authorized by you to use the program. Such an individual is a Registered User whether or not they are actually using the program.

Description	PID Number	Charge Unit Description
IBM Informix Dynamic Server V9.30 Enterprise Edition Enterprise Edition Unlimited Workgroup Edition	5724-C17	10 Concurrent Session Processor Server and Concurrent Session
IBM Informix Client Software Development Kit V2.80	5724-C23	Registered User
IBM Informix SQL V4.20, V4.30 Runtime	5724-C54	Processor or Concurrent Session
Development		Registered User
IBM Informix SQL V7.30, V7.31 Runtime	5724-C55	Processor or Concurrent Session
Development		Registered User
IBM Informix 4GL V4.20, V4.30 Compiler Runtime	5724-C65	Processor or Concurrent Session
Compiler Development		Registered User
Interactive Debugger		Registered User
Rapid Development System Runtime		Processor or Concurrent Session
Rapid Development System Development		Registered User

Description	PID Number	Charge Unit Description
IBM Informix 4GL V7.30, V7.31 Compiler Runtime	5724-C66	Processor or Concurrent Session
Compiler Development		Registered User
Interactive Debugger		Registered User
Rapid Development System Runtime		Processor or Concurrent Session
Rapid Development System Development		Registered User
IBM Informix Workgroup DataBlade Bundle V1.00	5724-D27	Server and Concurrent Session

IBM Informix Dynamic Server (IDS) V9.30

For the IDS Workgroup Edition, you must acquire use authorizations for both Servers and Concurrent Sessions. Note that each Server use authorization includes one Concurrent Session use authorization. If, for example, you require a Server and ten Concurrent Sessions, you should acquire one Server use authorization and nine Concurrent Session use authorizations.

The following restrictions apply only to the IDS Workgroup Edition:

- **Server Limitation** — You may not install or use the Program on a Server that has more than two processors.

- **Function Limitations** — You may not use the following Program functions: parallel data query, data partitioning, parallel backup, parallel restore, parallel load, parallel unload, optical disks, Enterprise Replication (ER), High-availability Data Replication (HDR), VLM (ability to access more than two GB of RAM).

IBM Informix Workgroup DataBlade Bundle V1.00

Component Programs

The IBM Informix Workgroup DataBlade Bundle contains the following programs:

- IBM Informix Web DataBlade V4.13
- IBM Informix Excalibur Text Search DataBlade V1.30
- IBM Informix Data Director for Web V2.00

You must acquire use authorizations for both Servers and Concurrent Sessions. Note that each Server use authorization includes one Concurrent Session use authorization. For example, if you require a Server and ten Concurrent Sessions, you should acquire one Server use authorization and nine Concurrent Session use authorizations. Also, each Server use authorization includes authorization to use the IBM Informix Data Director for Web on an additional machine running Windows.

Use of any component program is use of the IBM Informix Workgroup DataBlade Bundle. For example, if you use IBM Informix Web DataBlade on one server and IBM Informix Excaliber Text Search DataBlade on another, two Server use authorizations for the IBM Informix Workgroup DataBlade Bundle are required. The number of Concurrent Session authorizations required for IBM Informix Workgroup DataBlade Bundle is the sum of the numbers of Concurrent Sessions for the three component Programs. Processor and Registered User levels of use do not apply to the component Programs.

Multi-Product Runtime Programs

The following Programs may only be used for production:

- IBM Informix Connect Runtime Program
- IBM Informix ESQL/C Runtime Program

Software Maintenance Applies: Yes

Software Maintenance, previously referred to as Subscription and Technical Support, is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this letter is provided by the Software Maintenance offering of the IBM IPLA. This fee service enhances customer productivity by providing voice and/or electronic access into the IBM support organizations.

IBM includes Software Maintenance with each program acquired during the coverage period. The coverage period means the period commencing on the date you acquire the program up to the first or second anniversary date, depending on whether you acquired coverage for one or two anniversaries. The coverage period for Software Maintenance acquired in the two months preceding an anniversary date will be extended to the next applicable anniversary date.

While your Software Maintenance is in effect, IBM provides you assistance for your (1) routine, short duration installation and usage (how-to) questions; and (2) code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your *IBM Software Support Guide* at:

http://techsupport.services.ibm.com/guides /handbook.html

Software Maintenance does not include assistance for (1) the design and development of applications, (2) your use of programs in other than their specified operating environment or (3) failures caused by products for which IBM is not responsible under this agreement.

For more information, about the Passport Advantage Agreement, refer to the IBM International Passport Advantage Agreement Software Announcement 201-202, dated July 10, 2001, or visit the Passport Advantage Web site at:

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

IBM Operational Support Services ─ Support Line: No

AIX/UNIX Upgrade Protection Applies: No

Entitled Upgrade for Current AIX/UNIX Upgrade Protection Licensees: No

iSeries Software Subscription Applies: No

Variable Charges Apply: No

Educational Allowance Available: Not applicable

Prices

Passport Advantage

For Passport Advantage and charges, contact your authorized IBM Lotus® Business Partner. Additional information is also available on the Passport Advantage Web site:

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

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Note: Shipments will begin after the planned availability date.