



IBM Rational Migration Extensions transform RPG and Software AG Natural/ADABAS applications to the IBM Rational Software Development Platform

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Overview

IBM Rational® Migration Extension for Natural

IBM Rational Migration Extension for Natural enables business-critical Natural/ADABAS applications that have been transformed into the IBM Rational Software Development Platform, specifically IBM Rational Business Developer featuring Enterprise Generation Language (EGL) technology, to execute and generate correctly to the chosen COBOL or Java™ runtime environment. IBM Rational Migration Extension for Natural is a key component of the IBM Rational Enterprise Application Modernization process, which delivers a highly automated way to leverage and reuse Natural/ADABAS applications. This process provides a cost-effective way to modernize and transform Natural systems, breathing new life into applications that were considered to be on life support.

IBM Rational Migration Extension for Natural is a plugin for the IBM Rational Business Developer V7.1 environment. The actual migration of the Natural code and ADABAS files is performed as a service with the result being an EGL Project (fully converted EGL source code) and DB2® schema (Oracle also supported). IBM Rational Migration Extension for Natural allows the Natural applications that have been transformed into EGL to execute properly as generated Java or COBOL code.

IBM Rational Migration Extension for IBM i

IBM Rational Migration Extension for IBM i delivers a highly automated way to leverage and reuse business-critical RPG applications and transform them into the IBM Rational Software Development Platform, specifically IBM Rational Business Developer featuring EGL technology. It provides a cost-effective way to modernize and transform these systems and breathe the new life into applications that were considered to be on life support.

IBM Rational Migration Extension for IBM i is a plugin for the IBM Rational Business Developer V7.1 environment. The actual migration of the RPG code is performed as a service with the result being an EGL Project (fully converted EGL source code). IBM Rational Migration Extension for IBM i allows the RPG applications that have been transformed into EGL to execute properly as generated Java or COBOL code.

Refer to Software announcement [208-062](#), dated March 25, 2008.

Planned availability dates

- June 24, 2008 (electronic software delivery)
- June 27, 2008 (media and documentation)

Statement of direction

IBM is currently extending EGL to deliver a simplified programming model for developing Web 2.0 applications based on Ajax, JavaScript, and HTML. This technology will be available in second quarter 2008 as an IBM AlphaWorks® project.

For more information on EGL Rich Web support, visit

<http://www.alphaworks.ibm.com/>

All statements regarding IBM's plans, directions, and intent are subject to change or withdrawal without notice.

Availability of national languages

Product description	Language	GA date
Ratl Business Developer V7.1.0	Multilingual (French, Russian, Korean, Chinese – Simplified, Spanish, Portuguese- Brazilian, German, Japanese, Chinese – Traditional, Hungarian, English, Czech, Italian, Polish)	April 11, 2008
Ratl Migration Ext Natural V7.1.0	Multilingual (English International, French, Russian, Korean, Chinese – Simplified, Spanish, Portuguese- Brazilian, German, Japanese, Chinese – Traditional, Hungarian, Czech, Italian, Polish)	June 27, 2008
Ratl Migration Ext for IBM i V7.1.0	Multilingual (English International, French, Russian, Korean, Chinese – Simplified, Spanish, Portuguese- Brazilian, German, Japanese, Chinese –	June 27, 2008

Traditional,
Hungarian,
Czech,
Italian,
Polish)

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Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an unmatched portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support any critical business need.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

To locate an IBM Business Partner, visit

<http://www.ibm.com/software/solutions/isv>

Ordering information

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

Product information

Licensed function title	Product group	Product category
IBM Rational (R) Business Developer	Design and Construction	Design and Construction
IBM Rational Migration Extension for IBM i	Design and Construction	Design and Construction
IBM Rational Migration Extension for Natural	Design and Construction	Design and Construction
Program name	PID number	Charge unit description
IBM Rational Business Developer	5724-S50	Floating User(s)
IBM Rational Business Developer	5724-S50	Floating User(s)
IBM Rational Business Developer	5724-S50	Authorized User(s)
IBM Rational Business Developer	5724-S50	Authorized User(s)
IBM Rational Migration Extension for IBM i	5724-S50	Resource Value Unit
IBM Rational Migration Extension for Natural	5724-S50	Resource Value Unit

Charge metrics definitions

Value Unit

A Value Unit is a pricing charge metric for program license entitlements that is based upon the quantity of a specific designated measurement used for a given program. Each program has a

designated measurement. The most commonly used designated measurement is a processor core. However, for select programs, there are other designated measurements such as users or resources that may include servers, client devices, and messages. The number of Value Unit entitlements required for a program depends on how the program is deployed in your environment and must be obtained from a Value Unit table. You must obtain a Proof of Entitlement (PoE) for the calculated number of Value Unit entitlements for your implementation. The Value Unit entitlements are specific to a program and may not be exchanged, interchanged, or aggregated with Value Unit entitlements of another program.

Authorized user

An authorized user is one and only one individual (named or unnamed) within or outside your enterprise. A PoE must be obtained for each individual user accessing the program in any manner. A program licensed under an authorized user PoE may be installed on a single computer or server, and accessed by multiple users, provided that a PoE has been obtained for each individual user accessing the program either directly or indirectly (via a multiplexing program, device, or application server) through any means on behalf of the user.

Floating user

You may utilize the program, including installation of the program on multiple servers, provided that use of the program occurs via a license server, and the total number of concurrent users does not exceed the total number of floating user licenses obtained for the program.

Passport Advantage program licenses

Rational Migration Extension

Part description	Part number
IBM Rational Business Developer Authorized User Annual SW S&S Rnwl	E03SULL
Ratl Business Developer Authorized User Initl FT Lic + SW S&S 12 Mo	D610CLL
Ratl Business Developer Authorized User Lic + SW S&S 12 Mo	D6105LL
Ratl Business Developer Authorized User SW S&S Reinstate 12 Mo	D6106LL
Ratl Business Developer Authorized User Subsq FT Lic + SW S&S 12 Mo	E03SYLL
Ratl Business Developer Floating User Annual SW S&S Rnwl	E03STLL
Ratl Business Developer Floating User Lic + SW S&S 12 Mo	D6103LL
Ratl Business Developer Floating User SW S&S Reinstate 12 Mo	D6104LL

Rational Migration Extension

Part description	Part number
IBM Rational Migration Extension for Natural Resource Value Unit Annual SW S&S Rnwl	E0524LL
Ratl Migration Ext for Natural Resource Value Unit Lic + SW S&S 12 Mo	D04FELL
Ratl Migration Ext for Natural Resource Value Unit SW S&S Reinstate 12 Mo	D04FFLL

Rational Migration Extension

Part description	Part number
IBM Rational Migration Extension for IBM i Resource Value Unit License & Software Subscr	D04FGLL
Ratl Migration Ext for IBM i per Resource Value Unit Lic + SW S&S 12 Mo	E0525LL
Ratl Migration Ext for IBM i per Resource Value Unit SW S&S Reinstate 12 Mo	D04FHLL

Passport Advantage Trade-up licenses

Rational Migration Extension

Precursor product	Trade-up product	Part number
IBM Rational Business Developer VaGen or Informix(TM) 4GL	Ratl Bus Dev AthUsr from VAGen or Informix 4GL Trdup Lic + SW S&S 12 Mo	D6114LL
Ratl Business Developer Authorized User(s)	Ratl Bus Dev FltUsr fr Ratl Bus Dev Ext AthUsr Trdup Lic + SW S&S 12 Mo	D6115LL

Passport Advantage supply

Program name/description	Part number
Ratl Business Developer V7.1.0 Ratl Business Developer Windows 2000, Windows Vista(R) Business, SUSE Linux™ Ent	BT04BML
Ratl Migration Ext Natural V7.1.0 Ratl Migration Ext Natural SUSE Linux Enterprise Server (SLES), Red Hat Des	BT04TML
Ratl Migration Ext for IBM i V7.1.0 Ratl Migration Ext for IBM i Red Hat Desktop, Red Hat Enterprise Linux WS, 0	BT04SML

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.

Ratl Migration Ext for IBM i V7.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Migration Extension for IBM i Per Resource Value Unit	Ratl Migration Ext for IBM i Red Hat Desktop, Red Hat Enterprise Linux WS, 0	BT04SML

Ratl Migration Ext Natural V7.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Migration Extension for Natural Per Resource Value Unit	Ratl Migration Ext Natural SUSE Linux Enterprise Server (SLES), Red Hat Des	BT04TML

Ratl Business Developer V7.1.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Business Developer Authorized User	Ratl Business Developer Windows 2000, Windows Vista Business, SUSE Linux Ent	BT04BML
IBM Rational Business Developer Floating User	Ratl Business Developer Windows 2000, Windows Vista Business, SUSE Linux Ent	BT04BML
IBM Rational Business Developer for System z(TM) per Authorized User	Ratl Business Developer Windows 2000, Windows Vista Business, SUSE Linux Ent	BT04BML
IBM Rational Business Developer for System z per Floating User	Ratl Business Developer Windows 2000, Windows Vista Business, SUSE Linux Ent	BT04BML

Cross-platform product for use on System z

Order the part numbers that follow when there is an intention to acquire this cross-platform product for deployment on the System z or S/390® platform. This set of part numbers provides the identical supply and authorization as the other set in this announcement. The distinction is to identify the planned deployment platform.

Program name/description	Part number
Ratl Business Developer System z AthUsr SW S&S Reinstate 12 Mo	D610ALL
Ratl Business Developer System z Auth User Annual SW S&S Rnwl	E03SWLL
Ratl Business Developer System z Auth User Lic + SW S&S 12 Mo	D6109LL
Ratl Business Developer System z Float User Annual SW S&S Rnwl	E03SVLL
Ratl Business Developer System z Floating Usr Lic + SW S&S 12 Mo	D6107LL
Ratl Business Developer System z FltUsr SW S&S Reinstate 12 Mo	D6108LL

Prices

The charges are unchanged by this announcement.

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