

Unisys Agile Business Suite Agile Business Suite Runtime for Java Enterprise Edition 2.0

Product Information Sheet



Unisys Agile Business Suite is a model-driven development toolset that enables IT organizations to rapidly build, deploy, run and maintain business-critical applications for multiple operating environments. Agile Business Suite Runtime for Java Enterprise Edition (Java EE) provides the infrastructure that manages and supports applications that are generated by Agile Business Suite Developer and run within a Java EE environment.

Product Overview

Using Agile Business Suite Developer, you can define a platform-independent model (PIM) of a business application and generate it for any of three operating environments: Microsoft .NET Framework, Java Enterprise Edition, and Unisys ClearPath MCP. The generated solution can include online transactions, batch reports, the database, and a variety of end-user or programmatic interfaces, including Web services. Regardless of the platform choice, Agile Business Suite optimizes the generated solution for that operating environment.

Product Highlights

The Agile Business Suite solutions for the Java EE environment work within a Java EE application server. The transactions generated by the solution are Enterprise Java Beans (EJBs) and Java Objects that run within the application server framework. Users have a choice of Java EE application servers on Windows, Linux and UNIX platforms: IBM WebSphere, Oracle WebLogic, and JBoss.

Agile Business Suite Runtime for Java EE 2.0 supports

- Generated transactions, reports, and database tables that are optimized for each Java EE application server and database option
- SQL Server and Oracle as the run-time database options for Windows servers and Oracle for Linux and UNIX servers
- Configurations where the database server is separate from the application server
- An infrastructure that includes database audit and recovery routines so you don't need to code these high availability capabilities in the model yourself
- External component interfaces that enable bidirectional Web services
- Application Program Interfaces (APIs) for all supported end-user client options including those generated using Agile Business Suite and those developed with other tools

Java EE Environment Server Requirements (Minimum)

Using JBoss as the Application Server

- 2 x processor Intel 2.8 GHz or Sparc
- 2 GB of RAM
- 1 GB of disk space

Using WebLogic as the Application Server

- 2 x processor Intel 2.8 GHz or Sparc
- 3 GB of RAM
- 1 GB of disk space

Using WebSphere as the Application Server

- 2 x processor Power (IBM pSeries)
- 3 GB of RAM
- 1 GB of disk space

Note: Additional disk space is required for Agile Business Suite prerequisite software such as Oracle or SQL Server. Check the relevant software documentation for other products for disk space requirements and recommendations.

The system configuration for a server environment is highly dependent on a number of factors. These factors include the number of users, size of deployed applications, size of the run-time database, batch processing, required response

times, and your choice of database type (Oracle or SQL Server). Consult the white paper “Agile Business Suite Java EE Runtime Performance Configuration” if you need assistance when deciding on the configuration for the CPU, memory (RAM) and disk space required to run your Agile Business Suite application.

Software Requirements

Agile Business Suite Runtime for Java EE 2.0 is tested with specific combinations of Java EE application servers, operating environments, and database types. It is also supported for other operating environments that the Java EE application servers support. The operating environments that have been tested are as follows:

- Red Hat AS 5, SUSE ES 10, SUN Solaris 10, IBM AIX 5L or Windows 2008 Server
- Oracle 10g R2 or Oracle 11g
- SQL Server 2005 on Windows 2008 Server only
- JBoss 4.2.2, WebLogic 10, or WebSphere 6.1
- Java Developer Kit 1.5 or higher
- ANT 1.7

Summary

Agile Business Suite Runtime for Java EE provides an enterprise-class infrastructure for your transaction-oriented business solutions. It enables business-critical applications in an open environment.

For more information, contact your Unisys representative.

Or call Unisys today at: 1-800-874-8647, extension 840 (U.S. and Canada)
00-1-585-742-6780, extension 840 (Other countries)

If you're in a hurry to learn more, visit our Website at: <http://www.unisys.com/AgileBusinessSuite>

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