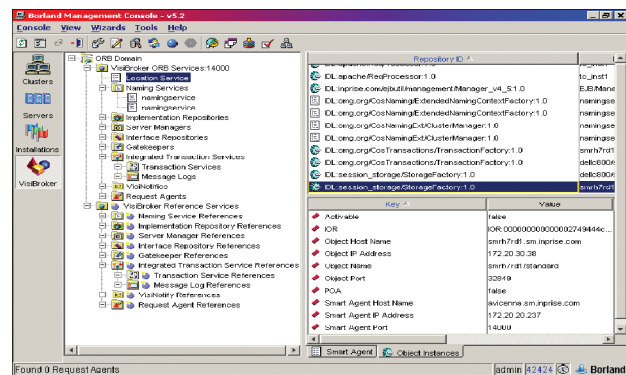Borland® Enterprise Server, VisiBroker® Edition – a comprehensive solution for the

ACCELERATE YOUR DEPLOYMENT

CORBA® environment to develop, deploy, and manage distributed applications

Borland® Enterprise Server, VisiBroker® Edition is a complete CORBA® environment for developing, deploying, and managing distributed applications. Development is supported in both Java™ and C++, and all product features are CORBA 2.6-compliant. VisiBroker Edition relies on proven and open industry standards, minimizing the risk of vendor lock-in. With its sophisticated thread and connection management, its Smart Agent™ architecture, and IIOP,™ VisiBroker Edition scales superbly across a large number of clients and servers in computing-intensive, enterprise-scale environments. As part of the Borland Enterprise Server product family, VisiBroker Edition includes all the functionality of the Web Edition and will work seamlessly with AppServer Edition for environments that combine CORBA and J2EE.™

Easy visibility into CORBA and/or J2EE back-end systems is achieved through a GUI-based console

FEATURES AND BENEFITS

The most widely deployed CORBA® solution on the market

An excellent choice, with proven field success and a large worldwide knowledge base, Borland® VisiBroker® technology is the leading deployed and adopted ORB. Borland Enterprise Server, VisiBroker Edition continues to evolve this leadership position as it implements the latest CORBA specifications from OMG. All product features of the VisiBroker Edition are CORBA 2.6-compliant.

Best Total Cost of Ownership (TCO) value

Borland Enterprise Server, VisiBroker Edition offers the best price-to-performance ratio of any commercial CORBA ORB on the market, delivering increased development productivity and fast integration. The cost of deployment is tremendously reduced by the easy installation, configuration, and balancing of server resources, which minimizes hardware requirements. Plus, management capabilities significantly reduce downtime revenue loss while providing active resource utilization.

Complete development environment for CORBA clients and servers

VisiBroker Edition delivers the tools needed to develop and deploy distributed enterprise applications in a flexible, scalable, and easy-to-maintain manner. Its functionality includes clustering and load balancing, Portable Interceptors (PI), Portable Object Adapters (POA), Objects-By-

Value (OBV), and Remote Method Invocation over Internet Inter-ORB Protocol (RMI-over-IIOP™), helping you make the most of your existing investments.

The only commercial product that enables Web clients to communicate with CORBA objects – right out of the box

VisiBroker Edition is a ready-to-deploy environment that delivers high productivity in developing core business applications. Because VisiBroker Edition includes the functionality of the Web Edition, VisiBroker Edition also offers Web Services capabilities through the integration of Apache and Tomcat. By seamlessly translating HTTP requests to IIOP requests, and enabling Web clients to communicate with CORBA objects, legacy systems are easily Web-enabled.

Seamless migration to the J2EE™ platform

Investment in VisiBroker Edition offers a seamless migration path to AppServer Edition, the only platform in the market that supports a mixed J2EE/CORBA environment. When employing both VisiBroker Edition and AppServer Edition, developers have the flexibility to maintain existing applications and/or build and deploy new e-business applications in either a J2EE/EJB™platform, CORBA platform, or a combination of both.

Borland®
Excellence Endures™

BORLAND® ENTERPRISE SERVER, VISIBROKER® EDITION

Extend CORBA® applications to the Web – Convert HTTP requests to IIOP™ requests via a Web server plug-in

CORBA 2.6 support – Take advantage of product features that are compliant with the CORBA 2.6 specification, including Portable Interceptors (PI), Portable Object Adapters (POA), OBV, DII, DSI, Interface Repository, and Implementation Repository

RMI-over-IIOP™ and IDL to Java™ – Write CORBA applications in Java without having to learn IDL™ and other CORBA features; migrate existing RMI applications to the high-performance Borland® VisiBroker® runtime environment

Automatic discovery, load balancing, and failover of CORBA objects via SmartAgent™ – Easily configure automatic discovery of objects, load balancing, and failover. Employ proven VisiBroker technology that dynamically distributes naming and directory services and supports large networks of objects

Borland® VisiBroker® for Java and VisiBroker® for C++ – Leverage the full Java implementation of the ORB to make CORBA/IIOP available wherever Java is available in the VisiBroker environment and the C++ implementation to maximize portability with ANSI-compliant C++ interfaces

Interoperability and backward compatibility – Easily interoperate with ORB versions prior to CORBA 2.6 and migrate effectively with VisiBroker 5.x, 4.x, and 3.x applications due to source code compatibility; utilize built-in "hooks" to ease migration of VisiBroker 3.x applications

Application management and monitoring – Borland Enterprise Server leverages the Borland® Deployment Op-Center management architecture. This architecture enables visualization, configuration management, control, and monitoring of applications deployed on VisiBroker Edition. The robust manageability increases application availability, so application problems can be detected, isolated, and corrected without human intervention

VisiBroker Naming Service – Employ support for OMG™-standard CORBA naming service APIs and JNDI API. Deliver high availability of names and the associated CORBA objects via clustering of the Naming Service

VisiBroker® Gatekeeper – Leverage full security integration with firewall and DMZ configurations. Configure VisiBroker Gatekeeper, a high-performance IIOP proxy based on CORBA firewall specifications, for firewall support

Multiplatform availability – Support for a wide range of platforms, including Windows,® Linux,® Solaris,™ IBM® AIX,® IBM® zSeries,® and HP-UX®

VisiNotify

Easy migration – Leverage support for multiple channels to provide an easy migration path for existing applications

Superior performance – Handle complex message content for superior performance in all channels

Value-added API – Facilitate object-oriented programming with a value-added API

VisiTransact

Scalability – Leverage superior performance from an architecture that makes use of the multi-threaded architecture of the ORB, connection management, load balancing, efficient database connection pooling, and the low overhead of a just-in-time object creation methodology

Ease of administration and deployment – Take advantage of the tight integration with the VisiBroker ORB and other services, such as logging, recovery, and data access, to reduce the complexity of deployment. Choose whether to deploy applications as a local, single-process application or as a fully distributed application

Interoperability with existing environments – Leverage seamless integration with a number of transaction-processing monitors and messaging software and seamless access to multiple data sources, supporting both XA and non-XA environments

SYSTEM REQUIREMENTS

- 256 MB RAM
- 1 GB hard disk space

Windows®

- Intel® Pentium® III/600 MHz
- Windows NT® 4.0 (SP6) Workstation and Server
- Windows® 2000 (SP3) Professional Server and Advanced Server
- Windows XP™ (SP1)
- JavaSoft™ JDK® 1.4.1_01 and 1.3.1_06

Linux®

- Intel® Pentium® III/600 MHz
- Red Hat® Linux® 7.1
- JavaSoft™ JDK® 1.4.1_01 and 1.3.1_06

Solaris™

- Sun Ultra™ 10/440 MHz
- Solaris™ 7, 8, and 9 (32- and 64-bit)
- JavaSoft™ JDK® 1.4.1_01 and 1.3.1_06

HP-UX®

- HP-UX® 11.0, 11i/11.11 (32- and 64-bit)
- PA-RISC®/100 MHz
- HP-UX® JDK® 1.4.0.04 & JDK® 1.3.1.08 for HP-UX®

IBM® AIX®

- IBM® AIX® 5L/5.1 (32- and 64-bit)
- RS/6000 PowerPC® 604/200 MHz
- JRE™ 1.3.1-IBM® AIX® build ca131-20021107 (JIT-enabled jitc)

IBM® zSeries® 800 and 900 Platforms

- SuSE® Linux® Enterprise Server 8.0 (31- and 64-bit)
- IBM® JDK® 1.4.1 SR1
- GNU gCC 3.2

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