

Ingres 2006 Delivers a Completely Unique Solution: The power of an enterprise strength database management system coupled with the low cost and ease of use of open source software

The Open Source Model You Want

The open source software movement has revolutionized the procurement and use of software. Open source software, like Ingres 2006, uses a licensing and support model that is dramatically different from normal closed source vendors.

The key to the benefits of open source comes from the simple fact that open source software does not require a license fee. This difference has far reaching effects. Of course, no license fees eliminate your acquisition cost, producing instant returns on your investment. With closed source vendors, the up front license fee is simply a charge that allows you to use the software. You still have to pay for support and upgrades.

But the elimination of license fees has the additional effect of changing the way that you work with your vendor. Closed source vendors charge a license fee, and then base subsequent support and maintenance options on the number of licenses – not the number of licenses used. This contractual connection limits your flexibility in reducing costs.

Key Benefits

- Full-featured, enterprise-class database
- Exceptional performance
- Flexible architecture
- Support of all popular development platforms
- Easy to manage and maintain

With Ingres 2006, you pay an annual fee for support and maintenance. You pay only for the software you are using. This transparency contributes to reduced complexity and a lower cost of ownership.

Ingres 2006 goes even farther in simplifying your software use. Unlike most other vendors, Ingres 2006 has a single package, which includes all the features of the database. You never have to pay extra for additional functionality. And you can start with the free community edition and simply switch on enterprise strength support and maintenance when you need it.

The Enterprise Features You Need

Ingres 2006 does more than simply provide an open source database. Ingres 2006 delivers enterprise tested features for truly robust data access. Reliable Database Engine. Ingres has evolved from one of the first commercially available relational database management systems. It has earned a reputation for being extremely dependable in supporting mission-critical applications.

- **Robust Database Server.** Ingres 2006 is the latest release in a product line stretching back more than 20 years, supporting mission critical applications for decades in thousands of organizations.
- **Scalable Server Architecture.** The Ingres 2006 database server can grow to meet user demands without rewrites or modification, running smoothly on a single-processor desktop system or multiprocessor enterprise servers.

High Performance. Ingres 2006 has the features to provide the highest levels of response required to meet user expectations.

- **Partitioning.** A single table can be divided into partitions, based on range, a list of values or a hash value. The table appears as a single entity to users, but access is improved by eliminating partitions for data retrieval. Ingres 2006 supports multiple levels of sub-partitions to give you the ability to design tables to match your usage requirements.

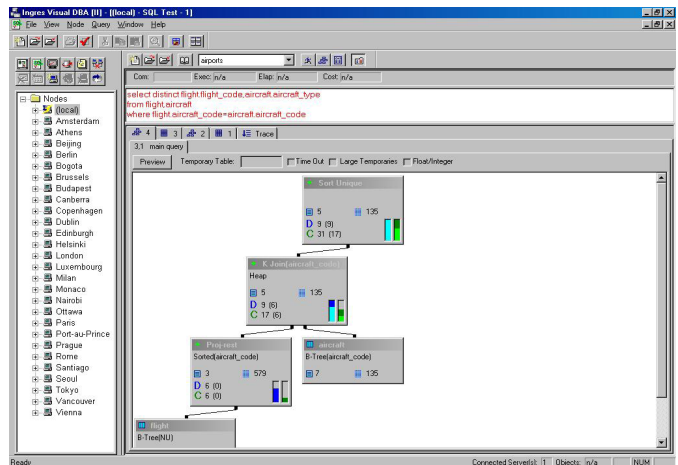
- **Parallel query processing.** To fully exploit the capabilities of the latest enterprise-class servers, Ingres processes queries in parallel across all available CPU resources, which can dramatically improve the performance of your queries.
- **Intelligent Optimizer.** Ingres delivers optimum performance by generating execution plans based on statistics gathered for a specific database.

Flexible Architecture. No two organizations have the same IT infrastructure. Flexibility is the key to being able to support a given architecture, and Ingres provides a number of options to achieve this.

- **Extensive Platform Support.** Ingres 2006 runs on virtually every popular operating system, including Linux, Windows and many varieties of UNIX. Multi-platform support gives you the ability to choose the most appropriate system vendor, increasing your flexibility.
- **Cluster support for high availability and scalability.** Ingres 2006 runs on clusters of servers, providing transparent high availability and as well as scalability benefits.
- **Choice of Distributed Processing Options.** Where distributed processing is required, the Ingres® Distributed Option allows multiple databases to appear as one virtual database. Alternatively, you can use the Ingres® Replicator Option to push data out to other databases, keeping all data synchronized between multiple servers.
- **Extended data access.** Two additional Ingres products extend the reach of your Ingres 2006 database. Enterprise Access provides seamless read/write access to a wide range of databases on distributed systems. EDBC provides the same functionality against a range of mainframe data sources. These products allow a single Ingres query to access multiple, disparate data sources through a simple standard SQL request.

Flexible development options. Applications are built on a foundation of data access, and Ingres 2006 gives you the ability to productively use a wide range of development environments. This flexibility allows you to take advantage of Ingres 2006 without retraining your valuable development staff.

- **Development platform options.** Ingres 2006 supports development with JDBC, ODBC, .NET, PHP, Perl, Python, and Eclipse remote data connectivity, so developers can use a wide range of development tools to build applications that leverage Ingres and protect your investment in your staff's existing skills. Ingres Corporation also provides a highly productive development and deployment environment, OpenROAD.



Analyzing a query with Visual DBA

- **XML Support.** Ingres 2006 includes support for XML, which is becoming the accepted standard for data exchange.
- **Unicode Support.** As businesses expand beyond national borders, the ability to store and present information in multiple languages is rapidly becoming a requirement for any database. Ingres supports all facets of Unicode, which lets you store data in multiple languages in a single database.
- **Ease of Management.** Ingres is designed to require the minimum amount of maintenance while providing maximum availability. These qualities lead to cost savings in many ways, including less effort for database administrators, easier scheduled maintenance and monitoring and less downtime.
- **Visual management and monitoring.** Visual DBA is a tool for the Ingres environment. Visual DBA includes tools for configuring, managing and monitoring an Ingres environment.
- **Flexible Backup and Recovery.** Data integrity is provided by transaction journaling and the ability to back up data online or offline. Recovery can be complete, to a specific point in time for the entire database, or for a more confined set of data.

*The open source model you want...
the enterprise strength you need*

INGRES®

Ingres Corporation
500 Arguello Street, Suite 200
Redwood City, CA 94063
Tel: (650) 587-5500 Email: info@ingres.com
www.ingres.com