

Oracle® Database

Licensing Information

11g Release 1 (11.1)

B28287-01

July 2007

Oracle Database Licensing Information, 11g Release 1 (11.1)

B28287-01

Copyright © 2004, 2007, Oracle. All rights reserved.

Contributors: Manmeet Ahluwalia, Charlie Berger, Michelle Bird, Carolyn Bruse, Rich Buchheim, Sandra Cheevers, Leo Cloutier, Bud Endress, Anil Khilani, Mughees Minhas, Trish McGonigle, Dennis MacNeil, Paul Narth, Anu Natarajan, Paul Needham, Martin Pena, Jill Robinson, Mark Townsend, Jacqueline Woods, Prabhaker Gongloor

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software--Restricted Rights (June 1987). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Contents

Preface	v
Intended Audience.....	v
Documentation Accessibility	v
Related Documents	vi
Conventions	vi
1 Oracle Database Editions	
The Oracle Database Product Family	1-1
Feature Availability by Edition	1-2
Features Specific to the Windows Platform	1-4
Special-Use Licensing.....	1-5
General Licensing Information	1-8
2 Options and Packs	
Oracle Database Options	2-1
Oracle Management Packs	2-10
Other Oracle Products	2-19
A Third-Party Licenses	
Third-Party Products Included with Oracle Database.....	A-1
Third-Party Products Included with Sun Microsystems Products	A-23
Index	

Preface

This document, which is part of the Program Documentation under the terms of your Oracle licensing agreement, is intended to help you understand the features, functionality, and options available for Oracle Programs. If you have a question about your licensing needs, please contact your Oracle sales representative or refer to the resources listed in "[Related Documents](#)" on page -vi for more information.

Oracle Database 11g is available in multiple editions, each suitable for different development and deployment scenarios.

Oracle also offers several database options and packs that enhance the capabilities of Oracle Database for specific application requirements. *Oracle Database Licensing Information* provides information on these optional database products.

This Preface contains these topics:

- [Intended Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

Intended Audience

This book is intended for all purchasers of Oracle Database 11g.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

<http://www.oracle.com/accessibility/>

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an

otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, seven days a week. For TTY support, call 800.446.2398.

Related Documents

For more information, see these Oracle resources:

- *Oracle Database New Features Guide* for information on the features new to this release of Oracle Database
- The Software Investment Guide, available at:
<http://www.oracle.com/corporate/pricing/sig.pdf>

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Oracle Database Editions

This chapter describes the four Oracle Database editions and the features available with those editions. It contains the following sections:

- [The Oracle Database Product Family](#)
- [Feature Availability by Edition](#)
- [Features Specific to the Windows Platform](#)
- [Special-Use Licensing](#)
- [General Licensing Information](#)

The Oracle Database Product Family

Oracle Database is available in five editions, each suitable for different development and deployment scenarios. Oracle also offers several database options, packs, and other products that enhance the capabilities of Oracle Database for specific application purposes. This section describes the Oracle Database editions. The database enhancement products are described in [Chapter 2, "Options and Packs"](#).

Oracle Database Standard Edition One Oracle Database Standard Edition One delivers unprecedented ease of use, power, and performance for workgroup, department-level, and Web applications. From single-server environments for small business to highly distributed branch environments, Oracle Database Standard Edition One includes all the facilities necessary to build business-critical applications.

Oracle Database Standard Edition Oracle Database Standard Edition delivers the unprecedented ease of use, power, and performance of Standard Edition One, with support for larger machines and clustering of services with Oracle Real Application Clusters (Oracle RAC). Oracle RAC is not included in the Standard Edition of releases prior to Oracle Database 10g, nor is it an available option with those earlier releases.

Oracle Database Enterprise Edition Oracle Database Enterprise Edition provides the performance, availability, scalability, and security required for mission-critical applications such as high-volume online transaction processing (OLTP) applications, query-intensive data warehouses, and demanding Internet applications. Oracle Database Enterprise Edition contains all of the components of Oracle Database, and can be further enhanced with the purchase of the options and packs described in [Chapter 2, "Options and Packs"](#).

Oracle Database Express Edition Oracle Database Express Edition (Oracle Database XE) is an entry-level edition of Oracle Database that is quick to download, simple to install and manage, and is free to develop, deploy, and distribute. Oracle Database XE

makes it easy to upgrade to the other editions of Oracle without costly and complex migrations. Oracle Database XE can be installed on any size machine with any number of CPUs, stores up to 4GB of user data, using up to 1GB of memory, and using only one CPU on the host machine. Support is provided by an online forum.

Oracle Database Personal Edition Oracle Database Personal Edition supports single-user development and deployment environments that require full compatibility with Oracle Database Standard Edition One, Oracle Database Standard Edition, and Oracle Database Enterprise Edition.

Personal Edition includes all of the components that are included with Enterprise Edition, as well as all of the options that are available with Enterprise Edition, with the exception of the Oracle Real Application Clusters option, which cannot be used with Personal Edition. Personal Edition is available on Windows 2000, Windows NT, Windows XP, and Windows Server 2003 (32-bit and 64-bit versions). The Management Packs are not included in Personal Edition.

Feature Availability by Edition

Table 1–1 lists feature availability for Oracle Database Standard Edition One (SE1), Standard Edition (SE), and Enterprise Edition (EE). The Y value in a column means that the feature is available in the specified release; N means that it is unavailable. This table can help you understand the difference between the editions and determine whether you require Enterprise Edition (or Personal Edition for a single-user environment).

Note that Oracle Database XE is a separate product from the rest of the Oracle Database product family. The features available with Oracle Database XE are documented in *Oracle Database Express Edition Licensing Information*, which is installed along with the product itself.

Table 1–1 Feature Availability for Oracle Database Editions

Feature/Option	SE1	SE	EE	Notes
High Availability				
Oracle Data Guard—Redo Apply	N	N	Y	
Oracle Data Guard—SQL Apply	N	N	Y	
Oracle Data Guard—Snapshot Standby	N	N	Y	
Oracle Active Data Guard	N	N	Y	Extra cost option
Rolling Upgrades—Patch Set, Database, and Operating System	N	N	Y	
Fast-start selectable recovery time	N	N	Y	
Comprehensive online schema reorganization/redefinition	N	N	Y	
Flashback Table	N	N	Y	
Flashback Database	N	N	Y	
Oracle Total Recall	N	N	Y	Extra cost option
Flashback Transaction Query	N	N	Y	
Block-level media recovery	N	N	Y	
Incremental backup and recovery	Y	Y	Y	SE1/SE: no optimized incremental backup

Table 1–1 (Cont.) Feature Availability for Oracle Database Editions

Feature/Option	SE1	SE	EE	Notes
Parallel backup and recovery	N	N	Y	
Tablespace point-in-time recovery	N	N	Y	
Trial recovery	N	N	Y	
Oracle Fail Safe	Y	Y	Y	Windows only
Scalability				
Oracle Real Application Clusters	N	Y	Y	Extra cost with EE, included with SE
Oracle Clusterware	N	Y	Y	
Automatic Workload Management	N	Y	Y	Requires Oracle Real Application Clusters
Performance				
Query Results Cache	N	N	Y	
PL/SQL Function Result Cache	N	N	Y	
Client Side Query Cache	N	N	Y	
SQL Plan Management	N	N	Y	
Security				
Advanced Security Option	N	N	Y	Extra cost option
Oracle Label Security	N	N	Y	Extra cost option
Virtual Private Database	N	N	Y	
Fine-grained auditing	N	N	Y	
Oracle Database Vault	N	N	Y	Extra cost option
Development Platform				
SQLJ	Y	Y	Y	Requires Oracle Programmer
Oracle Developer Tools for Visual Studio .NET	Y	Y	Y	Windows only
Microsoft Distributed Transaction Coordinator support	Y	Y	Y	Windows only
Active Directory integration	Y	Y	Y	Windows only
Native .NET Data Provider—ODP.NET	Y	Y	Y	Windows only
.NET Stored Procedures	Y	Y	Y	Windows only
Manageability				
Oracle Change Management Pack	N	N	Y	Extra cost option
Oracle Configuration Management Pack	N	N	Y	Extra cost option
Oracle Diagnostic Pack	N	N	Y	Extra cost option
Oracle Tuning Pack	N	N	Y	Extra cost option, also requires the Diagnostic Pack
Oracle Provisioning Pack	N	N	Y	Extra cost option
Duplexed backup sets	N	N	Y	
Database Resource Manager	N	N	Y	
Oracle Real Application Testing	N	N	Y	Extra cost option

Table 1–1 (Cont.) Feature Availability for Oracle Database Editions

Feature/Option	SE1	SE	EE	Notes
VLDB, Data Warehousing, Business Intelligence				
Oracle Partitioning	N	N	Y	Extra cost option
Oracle OLAP	N	N	Y	Extra cost option
Oracle Data Mining	N	N	Y	Extra cost option
Oracle Warehouse Builder Enterprise ETL	N	N	Y	Extra cost option
Oracle Warehouse Builder Data Quality	N	N	Y	Extra cost option
Oracle Warehouse Builder Connector—E-Business Suite	N	N	Y	Extra cost option
Oracle Warehouse Builder Connector—PeopleSoft	N	N	Y	Extra cost option
Oracle Warehouse Builder Connector—SAP R/3 Connector	N	N	Y	Extra cost option
Oracle Advanced Compression	N	N	Y	Extra cost option
Direct-Load Table Compression	N	N	Y	
Bitmapped index and bitmapped join index	N	N	Y	
Parallel query/DML	N	N	Y	
Parallel statistics gathering	N	N	Y	
Parallel index build/scans	N	N	Y	
Parallel Data Pump Export/Import	N	N	Y	
Transportable tablespaces, including cross-platform	N	N	Y	
Summary management—Materialized View Query Rewrite	N	N	Y	
Asynchronous Change Data Capture	N	N	Y	
Integration				
Oracle Streams	Y	Y	Y	SE1/SE: no capture from redo
Messaging Gateway	N	N	Y	
Basic Replication	Y	Y	Y	SE1/SE: read-only, updateable materialized view
Advanced Replication	N	N	Y	Multi-master replication
Transparent Gateways	Y	Y	Y	Extra cost option
Networking				
Oracle Connection Manager	N	N	Y	
Infiniband Support	N	N	Y	
Content Management				
Oracle Spatial	N	N	Y	Extra cost option
Oracle Content Database Suite	N	N	Y	Extra cost option
Medical Imaging (DICOM)	N	N	Y	

Features Specific to the Windows Platform

The following features related to application development are available only on Windows platforms:

- COM Automation

- Microsoft Transaction Server/COM+ integration
- Oracle OLE DB Provider
- Oracle Objects for OLE (OO4O)
- VLM Support
- OLE DB .NET and ODBC .NET support
- Native .NET Data Provider - ODP .NET
- Oracle Database Extensions for .NET (.NET Stored Procedures)

Special-Use Licensing

Oracle Database Express Edition Oracle Database Express Edition may be used for free, for the purposes of developing, prototyping and running applications. It can also be used for free to provide demonstrations and training. It may also be distributed for free with any applications. However, any use of the Oracle Database Express Edition is subject to the following limitations:

1. Express Edition is limited to a single instance on any server.
2. Express Edition may be installed on a multiple CPU server, but may only be executed on one processor in any server.
3. Express Edition may be used only to support up to 4GB of user data (not including Express Edition system data).
4. Express Edition may use up to 1 GB RAM of available memory.

The Oracle technical support organization will not provide technical support, phone support, or updates for Oracle Database Express Edition.

Oracle Standard Edition and Oracle Real Application Clusters (Oracle RAC) When used with Oracle Real Application Clusters in a clustered server environment, Oracle Database Standard Edition requires the use of Oracle Clusterware. Third-party clusterware management solutions are not supported.

The license restrictions for Standard Edition must be adhered to. The maximum number of CPUs defined is for the entire cluster; it is not a per node maximum.

Automatic Storage Management (ASM) must be used to manage all database-related files. Third-party volume managers and file systems are not supported for this purpose. ASM is required for the storage of:

- Database data files
- Online logs
- Archive logs
- Control files
- Server parameter files (spfiles)
- Flash Recovery Area

RAW disk partitions are required for:

- Voting disk
- Oracle Cluster Registry

Local storage must be used for:

- Oracle Home
- Trace files
- Dump files

No Oracle-maintained copies of any of the above files can exist in any other locations, with the following exception: Customers who want to manually script maintenance of a standby database can create a second copy of their archive logs outside of ASM on a local file system only, designated by the `LOG_ARCHIVE_DEST_n` parameter.

RMAN backups of files can reside on either a local or network mounted file system.

No other cluster software can be installed on the system, including, OCFS, OCFS2, third-party clusterware, third-party cluster volume managers, and third-party cluster file systems.

Extended or stretch clusters are not supported with Standard Edition and Oracle RAC. An Extended or stretch cluster is defined as "A cluster where all nodes are not located in the same room".

Oracle Clusterware Oracle Clusterware can be installed and used to protect any Oracle or third-party software provided any of the following conditions are met:

1. The software being protected is from Oracle.
2. The software being protected uses an Oracle Database.
3. The software being protected is running on Oracle Unbreakable Linux.
4. The software being protected is running in a cluster where at least one machine involved in the cluster is licensed using the appropriate metric for either Oracle Database Enterprise Edition or Oracle Database Standard Edition. A cluster is defined to include all the machines that share the same Oracle Cluster Registry (OCR) and Voting Disk.

Oracle Database Vault and Oracle9i Database Release 2 (9.2.0.8) A separate Oracle Database 11g can be installed and used to administer Oracle Database Vault when installed with Oracle9i Database Release 2 (9.2.0.8), without additional license requirements. All 9.2.0.8 databases managed by Database Control in this manner must be correctly licensed with the Oracle Database Vault option. The installation of Oracle Database 11g deployed in this manner may not be used or deployed for other uses.

Oracle Connection Manager Oracle Connection Manager can be installed and used on a machine different from the machine where the Oracle Database is installed and used. It is not necessary to obtain a separate license for the machine running Oracle Connection Manager.

Oracle Database Gateway for ODBC Oracle Database Gateway for ODBC can be installed and used on a machine different from the machine where the Oracle Database is installed and used. It is not necessary to obtain a separate license for the machine running Oracle Gateway for ODBC.

Oracle Secure Backup Express Oracle Secure Backup Express is bundled with the Oracle Database. Oracle's technical support organization will provide technical support, phone support, or updates to you for Oracle Secure Backup Express when it is used to back up another Oracle Product that has a valid Customer Support Identifier (CSI). For example, if Oracle Secure Backup Express is used to back up an Oracle database that has a valid Customer Support Identifier, then Oracle Support provides technical support for the backup of this database.

Updates and technical support are only provided to customers who maintain technical support services for their Oracle licenses in accordance with Oracle's Technical Support Policies. Oracle Secure Backup is a separately licensed product and is supported in accordance with Oracle's Technical Support Policies.

Legato Storage Manager and Legato Single Server Version. Oracle Secure Backup Express is the replacement product for Legato Storage Manager (LSM) and Legato Single Server Version (LSSV). If you are currently using LSM or LSSV, then you can use Oracle Secure Backup Migration Guide to learn how to migrate these products to Oracle Secure Backup Express.

Oracle Secure Backup Express can back up an Oracle database as well as Oracle home files and other file system data requiring tape protection.

For more information on Oracle Secure Backup Licensing, see

http://download-west.oracle.com/docs/cd/B19090_01/doc/backup.102/b25528/toc.htm

Oracle Wallet Oracle Wallet is a password-protected container used to store authentication and signing credentials, including passwords, private keys, certificates, trusted certificates, and TDE master keys. Oracle Wallet Manager is an application that wallet owners can use to manage and edit the security credentials in their Oracle wallets. Oracle Wallets can be deployed on clients, middle tiers, and database servers free of charge. However, the following features that use an Oracle Wallet in turn require licensing of the Oracle Advanced Security Option: PKI credentials and transparent data encryption master keys. Oracle Advanced Security option is not required when configuring wallets to secure communication between the Oracle Database and Oracle Internet Directory.

Infrastructure Repository Databases A separate Oracle Database can be installed and used as a Recovery Manager (RMAN) repository without additional license requirements, provided that all the Oracle databases managed in this repository are correctly licensed. This repository database may also be used for the Oracle Enterprise Grid Control repository. It may not be used or deployed for other uses.

A separate Oracle Database can be installed and used as a Oracle Enterprise Manager Grid Control (OEM Grid Control) repository without additional license requirements, provided that all the targets (databases, applications, and so forth) managed in this repository are correctly licensed. This database may also be used for the RMAN repository. It may not be used or deployed for other uses.

Restricted-Use Licensing The following restricted-use licenses are included with Oracle Database 11g in the editions indicated:

- A restricted-use license for Oracle Internet Directory (OID) is included with all editions if users use the Directory Naming feature to configure Oracle Net Services. OID may not be used or deployed for other uses. Please contact your Oracle sales representative for additional information on Oracle Internet Directory (OID).
- For OS/390 implementations of Enterprise Edition, use of either Access Manager for CICS or Access Manager for IMS/TM is included.
- A restricted-use license for Oracle Application Server Containers for J2EE (OC4J) is included with all editions except for Oracle Database Express Edition. This embedded version is provided solely to support Oracle Enterprise Manager (Database and Grid Control), Advanced Queuing Servlet, iSQL*Plus, Ultra Search,

Workflow, Oracle Content Database Suite, Records DB, and Warehouse Builder, and may not be used or deployed for other purposes.

General Licensing Information

The Oracle Standard Edition One, Standard Edition and Enterprise Editions of the database can be licensed using the Named User Plus metric or the Processor metric. The Personal and the Lite Editions can only be licensed using the Named User Plus metric.

Processor This metric is used in environments where users cannot be identified and counted. The Internet is a typical environment where it is often difficult to count users. This metric can also be used when the Named User Plus population is very high and it is more cost effective for the customer to license the Database using the Processor metric. The Processor metric is not offered for Personal and Lite Editions.

Different editions of the Oracle database have different ways of counting the number of processors that require licensing. For Standard Edition or Standard Edition One editions of the programs, a processor is counted as equivalent to a socket, irrespective of the number of cores on the chip in the socket.

Oracle Standard Edition One may be licensed only on servers that have a maximum capacity of two (2) sockets. Oracle Database Standard Edition can be licensed only on servers that have a maximum capacity of four (4) sockets.

For the Enterprise Edition and associated options, the number of processor licenses required depends on the hardware being used.

- For a Sun UltraSPARC T1 processor with 4, 6, or 8 cores at 1.0 gigahertz or 8 cores at 1.2 gigahertz for only those servers specified on the Sun Server Table, "n" cores shall be determined by multiplying the total number of cores by a factor of .25. The Sun Server Table can be accessed at

<http://oracle.com/contracts>

- For the purposes of counting the number of processors that require licensing for AMD and Intel multicore chips, "n" cores shall be determined by multiplying the total number of cores by a factor of .50.
- For the purposes of counting the number of processors that require licensing for all hardware platforms not otherwise specified in this section, a multicore chip with "n" cores shall be determined by multiplying "n" cores by a factor of .75. All cores on all multicore chips for each licensed program for each factor listed above are to be aggregated before multiplying by the appropriate factor and all fractions of a number are to be rounded up to the next whole number.

Named User Plus This metric can be used in all environments. Different minimums apply depending on the Database edition:

- Standard Edition One requires a minimum of five (5) Named User Plus licenses or the total number of actual users, whichever is greater. Oracle Standard Edition One may be licensed only on servers that have a maximum capacity of two (2) sockets.
- Standard Edition requires a minimum of five (5) Named User Plus licenses or the total number of actual users, whichever is greater. Oracle Database Standard Edition can be licensed only on servers that have a maximum capacity of four (4) sockets. Oracle Database Standard Edition includes the Oracle Real Application Clusters database option. The Oracle Real Application Clusters option is not

included with any Standard Edition versions prior to Oracle Database 10g. Customers who participate in the Oracle Update Subscription Service for the Standard Edition Database can upgrade to the 11g version of the product for the supported licenses. Also, customers must use Oracle Clusterware as the clusterware; third-party clusterware is not supported, AND customers must use Automatic Storage Management to manage all data.

- The Enterprise Edition requires a minimum of 25 Named User Plus per corresponding Processor licenses or the total number of actual users, whichever is greater.

Options and Packs

This chapter describes the separately licensed Oracle Database options, management packs, and other products you can purchase to enhance the capabilities of Oracle Database in specific application environments. This chapter contains the following sections:

- [Oracle Database Options](#)
- [Oracle Management Packs](#)
- [Other Oracle Products](#)

You may not use the options, packs, or products described below without separately purchased licenses. The fact that these options, packs, or products may be included in product CDs or downloads or described in documentation that you receive does not authorize you to use them without purchasing appropriate licenses.

Oracle Database Options

All the Oracle Database options can be purchased with Oracle Database Enterprise Edition. Oracle Real Application Clusters (Oracle RAC) is included with Oracle Database Standard Edition. You cannot purchase any options with Oracle Database Standard Edition One or Oracle Express Edition. The Personal Edition includes all options except Oracle RAC at no additional cost.

Oracle Active Data Guard

Oracle Active Data Guard enhances the Quality of Service (QoS) for production databases by off-loading resource-intensive operations to one or more standby databases, which are synchronized copies of the production database. With Oracle Active Data Guard, a physical standby database can be used for real-time reporting, with minimal latency between reporting and production data. Compared with traditional replication methods, Active Data Guard is very simple to use, transparently supports all datatypes, and offers very high performance. Oracle Active Data Guard also allows backup operations to be off-loaded to the standby database, and be done very fast using intelligent incremental backups. Oracle Active Data Guard thus is a very effective way to insulate interactive users and critical business tasks on the production system from the impact of such long-running operations. Oracle Active Data Guard provides the additional benefit of high availability and disaster protection by quickly failing over to the standby database in the event of a planned or an unplanned outage at the production site.

The Active Data Guard option contains the following features:

- Physical Standby with Real-time Query

- Fast Incremental Backup on Physical Standby

If a physical standby database in a Data Guard configuration has any of the above features enabled, then the Active Data Guard option must be licensed for every such physical standby, and also for the primary database.

Oracle Advanced Compression

Oracle Advanced Compression provides comprehensive data compression capabilities to compress all types of data, backups, and network traffic in an application transparent manner. With Advanced Compression, Oracle includes table compression targeted at OLTP workloads, resulting in reduced storage consumption and improved query performance while incurring minimal write performance overhead. Advanced Compression can be used to compress any unstructured content using SecureFile Compression. Deduplication provides the ability to automatically eliminate redundant copies of SecureFile data. A new faster compression algorithm is included in the Advanced Compression to speed up RMAN backups. With Advanced Compression, Data Pump exports can now be compressed to reduce disk space requirements. Finally, Data Guard can compress redo data resulting in reduced network traffic and faster gap resolution.

The Oracle Advanced Compression option contains the following features:

- Data Guard Network Compression
- Data Pump Compression
- Fast RMAN Compression
- OLTP Table Compression
- SecureFile Compression and Deduplication

Oracle Advanced Security

Oracle Advanced Security provides transparent data encryption of data stored in the database, the encryption of disk-based backups of the database, and also network encryption for data traveling across the network between the database and client or mid-tier applications. In addition it provides a complete suite of strong authentication services to Oracle Database. Network encryption is implemented using industry-standard data encryption and data integrity algorithms. This feature provides a choice of algorithms and cipher strengths for deployment. Strong authentication services support a comprehensive suite of industry-standard third-party authentication options. The authentication options include single sign-on services to the Oracle Database by interoperating with existing authentication frameworks and two-factor authentication choices such as smart cards and token cards.

If you wish to use Enterprise User Security in Oracle Database Enterprise Edition, you no longer need to license the Oracle Advanced Security Option for password-based authentication. However, you must license Oracle Internet Directory (OID). If you wish to use stronger authentication alternatives (such as Kerberos or PKI) for Enterprise User Security, you must license Oracle Advanced Security and the Oracle Internet Directory (OID). Any Oracle Advanced Security licenses purchased on or before January 31, 2004, have restricted use of the Oracle Internet Directory (OID) to support enterprise user security. Please contact your Oracle sales representative for additional information.

Oracle Advanced Security includes the following features:

- Transparent Data Encryption (TDE) for columns

- Transparent Data Encryption (TDE) for tablespace
- Transparent Data Encryption (TDE) for securefiles
- DataPump Export File encryption
- RMAN backup encryption
- Hardware Security Module (HSM) TDE Master Key Protection
- Database strong authentication support (PKI, Kerberos, Radius)
- Smartcard support (PKCS#11)
- Transport Layer Security (TLS) Support
- Native network encryption
- SSL/TLS network encryption
- SSL acceleration
- Certificate Revocation List (CRL) support

Oracle Content Database Suite

Oracle Content Database Suite provides core document management services on Oracle Database. Oracle Content Database Suite is an option to the Oracle Database Enterprise Edition.

Oracle Content Database Suite includes the following features:

Repository:

- Oracle Content Database
- Oracle Content Server

Document Management:

- Oracle Content Database Archive Adapter for SAP
- Oracle Content Database Portlet Suite
- Oracle Content Integration Suite
- Oracle Desktop Integration Suite
- Oracle Dynamic Converter
- Oracle Drive
- Kofax Release Script

Oracle Data Mining

Oracle Data Mining enables you to build advanced business intelligence applications that mine corporate databases, reveal new patterns and relationships, and integrate that information into business applications. This option embeds data mining functionality into Oracle Database for making classifications, predictions, and associations. All model-building, scoring, and metadata management operations are accessible by way of either a Java or PL/SQL API.

The Oracle Data Mining option includes the following features:

APIs and GUIs Supported to Access Algorithms:

- PL/SQL API—for model build, model apply, and data transformations

- Java API—for model build, model apply & data transformations
- Oracle Data Miner (GUI)
- Spreadsheet Add-in for Predictive Analytics

Algorithm Category and Supported Algorithms:

- Classification
 - Naive Bayes
 - Decision Trees
 - Support Vector Machines
 - Logistic Regression
- Regression
 - Multivariate Linear Regression
 - Support Vector Machines
- Anomaly Detection
 - One Class Support Vector Machines
- Attribute Importance
 - Minimum Description Length
- Association Rules
 - A Priori
- Clustering
 - Hierarchical K-Means Clustering
 - Hierarchical O-Clustering
- Predictive Analytics (PL/SQL Packages)
 - Predict
 - Explain
 - Profile
- Feature Extraction
 - Nonnegative Matrix Factorization

Oracle Database Vault

Oracle Database Vault lets you control who, when, and where data and applications can be accessed—protecting your business against the most common security threat: malicious internal users. Enforcing separation of duties, even among administrators, Oracle Database Vault additionally serves as a powerful preventive control to help comply with today's stringent compliance and privacy requirements.

- It improves your ability to meet compliance requirements like Sarbanes-Oxley and other regulations that mandate control of access to, and release of, sensitive information
- It controls access to application and database data, even by super-users and other highly privileged users
- It enforces multi factor authorization via flexible business rules

- It shows who is accessing what and when via over three dozen out-of-the-box security reports

Oracle Database Vault is an option for Oracle Database 11g. However, it has also been provided for earlier releases as well, including Oracle9i Database Release 2 (9.2.0.8) on a limited number of platforms. Please contact your Oracle Sales Representative if you are interested in Oracle Database Vault as an option on Oracle9i Database.

The Oracle Database Vault option includes the following features:

- Realms
- Separation of Duty
- Factors
- Command Rules
- Rule Sets

Oracle Label Security

Oracle Label Security provides sophisticated and flexible security based on row labels for fine-grained access control. This option employs labeling concepts used by government, defense, and commercial organizations to protect sensitive information and provide data separation. It includes a powerful tool to manage policies, labels, and user label authorizations.

By default, Oracle Label Security is configured to use Oracle Database for all policy management. Users interested in centralized policy management using the Oracle identity management infrastructure must additionally license Oracle Identity and Access Management Suite. Please contact your Oracle sales representative for additional information.

The Oracle Label Security option includes the following features:

- Label based access control (LBAC)
- Multi-level security (MLS)
- Label factors for Database Vault (Confidential, Sensitive)
- User label authorizations (Confidential, Sensitive:PII)
- Data labels (Sensitive: PII)

Oracle On-Line Analytical Processing (OLAP)

The OLAP option to Oracle Database is a full-featured OLAP server embedded in Oracle Database Enterprise Edition. Oracle OLAP cube datatypes improve business intelligence tools and applications by providing excellent query performance, rich analysis, and fast incremental updates of data sets. OLAP cubes are easily queried by SQL-based business intelligence tools through cube-organized materialized views and OLAP cube views. Cube-organized materialized views provide an alternative summary management solution to table-based materialized views. As with a table-based materialized view, an OLAP cube is accessed by SQL-based tools transparently using the automatic SQL query rewrite feature of the materialized views. SQL-based tools can access both summary data and rich analytic content directly through OLAP cube views. Multidimensional OLAP tools can provide a full-dimensional OLAP experience using the Oracle OLAP multidimensional API to cubes. A single OLAP cube can service each of these types of applications.

The Oracle OLAP option includes the following features:

- OLAP Cube Definition, Storage, and Querying
- OLAP API and Metadata
- OLAP Cube Materialized Views
- Analytic Workspaces
- SQL Access to OLAP Cubes

Oracle Partitioning

Oracle Partitioning enhances the data management environment for OLTP, data mart, data warehouse, and content management applications by adding significant manageability, availability, and performance capabilities to large underlying database tables and indexes. Oracle Partitioning lets you store large tables as individually managed smaller pieces, while retaining a single application-level view of the data.

The Oracle Partitioning option includes the following features:

- Table Partitions and Subpartitions
- Local Index Partitions and Subpartitions
- Global Index Partitions and Subpartitions
- Range Partitioning
- Hash Partitioning
- List Partitioning
- Interval Partitioning
- Reference Partitioning
- System Partitioning
- Virtual Column-based Partitioning
- Composite Partitioning
- Subpartition Template
- Fast Partition Split
- Partition Exchange

Oracle Real Application Clusters (Oracle RAC)

Oracle Real Application Clusters (Oracle RAC) is a database computing environment that harnesses the processing power of multiple interconnected computers using clustering technology. Oracle RAC provides unlimited scalability and high availability for all applications. Oracle RAC makes the database highly available in the presence of computer hardware or software failure: in the event any computer in the cluster fails, the database continues to provide service on the surviving computers in the cluster. Oracle RAC provides scalable performance: as demand for database throughput grows, additional computers can be added to the database cluster with no downtime. Oracle RAC supports a single-system image for ease of management. Oracle RAC also provides a complete and integrated stack of clustering software on all platforms; third-party clusterware software is not required. Finally, Oracle RAC provides cluster file system capability on the Windows, Linux, and Solaris platforms.

Oracle Real Application Clusters includes the following features:

- Real Application Clusters

- Cluster Verification Utility
- Automatic Workload Management
- Connection Load Balancing
- Fast Connection Failover
- Hot Cluster Failover

Oracle Real Application Testing

The Oracle Real Application Testing option comprises a suite of features that help protect database applications from undesirable impact of routine changes such as hardware/software upgrades, configuration changes, platform migrations, and so forth. These features enable comprehensive testing of real-world applications so that any issues resulting from system changes are fully identified and addressed during testing, and unexpected problems encountered when a change is finally made in the production systems are minimized.

The Oracle Real Application Testing option includes the following features:

- Database Replay
- SQL Performance Analyzer (SPA)
- SQL Tuning Sets (STS)

In order to use the features listed above, you must purchase licenses for the Oracle Real Application Testing option, with one exception: SQL Tuning Sets (STS) can be used if you have licensed either the Tuning Pack or Oracle Real Application Testing. Oracle Real Application Testing functionality can be accessed by Enterprise Manager as well as through the database server command-line APIs. The use of either interface requires an Oracle Real Application Testing option license.

Command-Line APIs

The Database Replay feature can also be accessed by way of database server APIs and command-line interfaces:

- `DBMS_WORKLOAD_CAPTURE` package is part of the Oracle Real Application Testing option
- `DBMS_WORKLOAD_REPLAY` package is part of the Oracle Real Application Testing option

The SQL Performance Analyzer feature can also be accessed by way of database server APIs and command-line interfaces:

- `DBMS_SQLPA` package is part of Oracle Real Application Testing option

SQL Tuning Sets can also be accessed by way of database server APIs and command-line interfaces. The following subprograms, part of the `DBMS_SQLTUNE` package, provide an interface to manage SQL tuning sets and are part of the Oracle Real Application Testing option:

- `ADD_SQLSET_REFERENCE`
- `CAPTURE_CURSOR_CACHE_SQLSET`
- `CREATE_SQLSET`
- `CREATE_STGTAB_SQLSET`
- `DELETE_SQLSET`

- DROP_SQLSET
- LOAD_SQLSET
- PACK_STGTAB_SQLSET
- REMOVE_SQLSET_REFERENCE
- SELECT_CURSOR_CACHE
- SELECT_SQLSET
- SELECT_WORKLOAD_REPOSITORY
- UNPACK_STGTAB_SQLSET
- UPDATE_SQLSET

The Oracle Real Application Testing license is required on both capture and replay systems for Database Replay and is charged by the total number of CPUs on those systems.

Oracle Spatial

Oracle Spatial provides advanced spatial analysis features for complex geographic information systems (GIS) applications, enterprise applications, and location-based services applications. It augments the Oracle Locator feature, which provides storage, analysis, and indexing of location data accessible through SQL and standard programming languages, supporting seamless integration of location data into enterprise applications, and use of any leading third-party GIS tool to access location data. Oracle Spatial advanced features include GeoRaster for storage, indexing, and analysis of image and gridded raster data, such as satellite imagery and remotely sensed data; a network data model that allows users to model and analyze link-node networks (graphs) for applications; a topology data model and schema to persistently manage topology; a fully functional geocoding engine and routing engine; and location-based analysis functions for business intelligence applications, including location-based classification, binning, association, and correlation. Oracle Spatial also supports spatial data manipulation and analysis such as buffer generation, area/distance calculations, linear referencing, and more.

Note: Oracle Locator, a feature of Oracle Database 11g (XE, SE1, SE, and EE), includes the spatial vector geometry type, spatial indexing and operators, and a limited set of spatial functions.

For detailed lists of functions included in Locator and those included only in Oracle Spatial option, please refer to Appendix B of *Oracle Spatial Developer's Guide*.

The Oracle Spatial option includes the following features:

- Selected Spatial Functions
- Linear Referencing System
- GeoRaster Storage, Indexing and Querying
- Network Data Model
- Topology Data Model
- Spatial Analysis and Mining Functions

- Spatial Routing Engine
- Geocoding Engine
- Spatial Web Services (new with 11g)
- 3-D Geometry, Surface, and Point Cloud Storage, Indexing and Querying (new with 11g)
- Semantic Content Storage, Indexing and Querying (RDF/OWL Support)

Oracle Total Recall

Oracle Total Recall provides the ability to transparently track and archive historical changes to all data stored in an Oracle database. History data is stored in a secure and highly optimized storage and can be accessed in a seamless manner using Flashback Queries. With Total Recall, you can enable history tracking on tables instantaneously and retain the history data any length of time. In addition, Total Recall provides for easier manageability by automating purge of historical data based on specified retention policy. History tracking is non-intrusive and completely transparent to applications.

The Oracle Total Recall option includes the following feature:

- Flashback Data Archive

Oracle Warehouse Builder Enterprise ETL Option

The Enterprise ETL option enables large scale, complex ETL deployments. Developers can incorporate advanced functionality such as retaining history for dimensions, reusing mapping code, performing interactive lineage and impact analysis, and defining custom types of objects in the repository. This option also enables the rapid movement of large amounts of data, and the construction of advanced process flows.

The Oracle Warehouse Builder Enterprise ETL Option includes the following features:

- Slowing Changing Dimensions (SCD) Type 2 and 3
- XML Files as a target
- Transportable ETL modules, multiple configurations, and pluggable mappings
- Operators for pluggable mapping, pluggable mapping input signature, pluggable mapping output signature
- Design Environment Support for RAC
- Target load ordering
- Seeded spatial and streams transformations
- Process Flow Activity templates
- Process Flow variables support
- Process Flow looping activities such as For Loop and While Loop
- Process Flow Route and Notification activities
- Metadata lineage and impact analysis
- Metadata change propagation
- Schedulable Mappings and Process Flows
- Metadata Extensibility

- Deployment to Discoverer EUL
- Deployment to Oracle BI Beans catalog

Oracle Warehouse Builder Data Quality Option

The Data Quality option enables you to convert raw data into quality information. Developers and data librarians can gain insight into their data and identify previously unknown data quality problems. Subsequently, developers can define rules and generate mappings that correct the data. Based on the data rules, developers can also create data auditors to ensure the quality of incoming data on a repeated basis.

The Oracle Warehouse Builder Data Quality option includes the following features:

- Data Profiling
- Data Rules
- Data Auditor Monitor Usage in Process Flows
- Data Corrections

Oracle Warehouse Builder Connector—E-Business Suite

The Warehouse Builder Connector to E-Business Suite provides access to the technical and business metadata within Oracle E-Business Suite. Subsequently, you can build mappings and process flows that either source or target Oracle E-Business Suite. The connector also facilitates deployment to Oracle Concurrent Manager and access to Oracle E-Business Suite at execution-time.

Oracle Warehouse Builder Connector—PeopleSoft

With Warehouse Builder Connector to PeopleSoft, you can connect to and then extract data and metadata from PeopleSoft applications. Subsequently, you can include PeopleSoft objects as sources or targets in Warehouse Builder mappings, create process flows, and generate SQL code. This connector can operate with non-Oracle databases after you establish the appropriate transparent gateways to those databases.

Oracle Warehouse Builder Connector—SAP R/3 Connector

With the Warehouse Builder Connector to SAP R/3, you can connect to and then extract data and metadata from SAP R/3. You can access both the technical and business metadata in the SAP R/3 application. Subsequently, you can include SAP R/3 objects in Warehouse Builder mappings and process flows and generate ABAP code. This connector supports transporting of ABAP code and the use of substitution variables.

Oracle Management Packs

The sections that follow describe the Oracle management packs. The management packs can be purchased only with Enterprise Edition. The features in these packs are accessible through Oracle Enterprise Manager Database Control, Oracle Enterprise Manager Grid Control, and APIs provided with Oracle Database software.

This section describes the following management packs:

- [Oracle Change Management Pack](#)
- [Oracle Configuration Management Pack](#)

- [Oracle Diagnostic Pack](#)
- [Oracle Provisioning Pack](#)
- [Oracle Tuning Pack](#)

Oracle Change Management Pack

The Oracle Change Management Pack enables administrators to evaluate, plan, and implement database schema changes. Using the Change Management Pack, administrators can investigate and track changes, compare and synchronize objects and schemas, modify schema objects, evaluate the change impact, and if required undo changes that have been made previously. The Change Management Pack makes change management simple and efficient and minimizes chances for error, thereby reducing the opportunity for data loss and system down-time.

The Change Management Pack includes the following features:

- Reverse engineer database and schema definitions
- Capture and version baselines
- Compare databases and schemas, or baselines
- Copy database objects with data, with a subset of the data, or without data
- Update database object definitions (`ALTER TABLE`)
- Synchronize objects and schemas
- Evaluate the impact of changes
- Clone or propagate application schemas

In order to use the features listed above you must install the Java console version of Enterprise Manager, which you can find in the `/companion` directory of the installation medium. The use of this interface requires licensing of the Change Management Pack.

Oracle Configuration Management Pack

The Oracle Configuration Management Pack automates the time-consuming and often error prone process of software configuration, software and hardware inventory tracking, patching, cloning and policy management. The Configuration Management Pack includes the following features:

- Database and Host Configuration
- Deployments
- Search configuration
- Compare configuration
- Policies, including Security checks and scoring

In order to use the features listed above, you must purchase licenses for the Configuration Management Pack. The Configuration Management Pack functionality can be accessed by the Enterprise Manager and through the Enterprise Manager repository views. The use of either interface requires licensing of the Configuration Management Pack.

In earlier releases, three additional features were part of this pack: Patch Deployment (Patch Database and View Patch Cache, Patch staging), Clone Oracle Home, and Clone Database. These features are no longer part of the Configuration Management Pack.

They are now part of the Oracle Provisioning Pack, which is licensed with Enterprise Manager. However, if you have previously licensed the Configuration Management Pack for Oracle Database, you are entitled to use these features without licensing the Provisioning Pack.

Enterprise Manager

To determine which links in Enterprise Manager Grid Control and Database Control are part of the Configuration Management Pack, click the **Setup** link on the top right-hand part of the Enterprise Manager Home page.

- When you click the **Setup** link, the navigation bar contains the **Management Pack Access** link. Click this link.
- This will take you to the **Management Pack Access** page, which allows you to grant and remove access from all the management packs.
 - For Enterprise Manager Database Control, click the **Remove Access** radio button for the Configuration Management Pack and click **Apply**.
 - For Enterprise Manager Grid Control, click the appropriate check box for the Configuration Management Pack and click **Apply**.

This will disable all the links and tabs associated with the Configuration Management Pack in Enterprise Manager. All the disabled links and tabs are part of the Configuration Management Pack and therefore require pack license.

Configuration Management Pack Database Reports

The following reports found are part of this pack:

- On the **Deployment and Configuration** page: all reports
- From the **Monitoring** page, the **Alerts and Policy Violations** link: all reports.
- From the **Monitoring** page, the **Disabled Policies** link: all reports.
- From the **Security** page, the **Security Policy Overview** link: all reports.

Configuration Management Pack Enterprise Manager Repository Views

- **Policy Definition Views**
 - MGMT\$POLICIES
 - MGMT\$POLICY_PARAMETERS
 - MGMT\$POLICY_VIOLATION_CTXT
 - MGMT\$POLICY_VIOL_ANNOTATIONS
 - MGMT\$POLICY_VIOL_NOTIF_LOG
- **Policy Association Views**
 - MGMT\$TARGET_POLICIES
 - MGMT\$TARGET_POLICY_SETTINGS
 - MGMT\$TARGET_POLICY_EVAL_SUM
 - MGMT\$TARGET_COMPLIANCE_SCORE
- **Policy Violation Views**
 - MGMT\$POLICY_VIOLATION_CURRENT
 - MGMT\$POLICY_VIOLATION_HISTORY

- MGMT\$POLICY_VIOLATION_CONTEXT
- **Configuration Views**
 - MGMT\$DB_TABLESPACES
 - MGMT\$DB_DATAFILES
 - MGMT\$DB_CONTROLFILES
- **Oracle Home Patching**
 - MGMT\$CPF_ADVISORY_INFO
 - MGMT\$CPF_HOMES_INFO
 - MGMT\$CPF_PATCH_INFO
 - MGMT\$EM_HOMES_PLATFORM
 - MGMT\$HOMES_AFFECTED
 - MGMT\$PATCH_ADVISORIES
 - MGMT\$APPL_PATCH_AND_PATCHSET
 - MGMT\$APPLIED_PATCHES
 - MGMT\$APPLIED_PATCHSETS
- **Linux Patching**
 - MGMT\$HOSTPATCH_HOSTS
 - MGMT\$HOSTPATCH_GROUPS
 - MGMT\$HOSTPATCH_GRP_COMPL_HIST
 - MGMT\$HOSTPATCH_HOST_COMPL
- **Security Views**
 - MGMT\$ESA_ALL_PRIVS_REPORT
 - MGMT\$ESA_ANY_DICT_REPORT
 - MGMT\$ESA_ANY_PRIV_REPORT
 - MGMT\$ESA_AUDIT_SYSTEM_REPORT
 - MGMT\$ESA_BECOME_USER_REPORT
 - MGMT\$ESA_CATALOG_REPORT
 - MGMT\$ESA_CONN_PRIV_REPORT
 - MGMT\$ESA_CREATE_PRIV_REPORT
 - MGMT\$ESA_DBA_GROUP_REPORT
 - MGMT\$ESA_DBA_ROLE_REPORT
 - MGMT\$ESA_DIRECT_PRIV_REPORT
 - MGMT\$ESA_EXMPT_ACCESS_REPORT
 - MGMT\$ESA_KEY_OBJECTS_REPORT
 - MGMT\$ESA_OH_OWNERSHIP_REPORT
 - MGMT\$ESA_OH_PERMISSION_REPORT
 - MGMT\$ESA_POWER_PRIV_REPORT

- MGMT\$ESA_PUB_PRIV_REPORT
- MGMT\$ESA_SYS_PUB_PKG_REPORT
- MGMT\$ESA_TABSP_OWNERS_REPORT
- MGMT\$ESA_TRC_AUD_PERM_REPORT
- MGMT\$ESA_WITH_ADMIN_REPORT
- MGMT\$ESA_WITH_GRANT_REPORT
- **Client Configuration Views**
 - MGMT\$CSA_COLLECTIONS
 - MGMT\$CSA_FAILED
 - MGMT\$CSA_HOST_OS_COMPONENTS
 - MGMT\$CSA_HOST_SW
 - MGMT\$CSA_HOST_COOKIES
 - MGMT\$CSA_HOST_CUSTOM
 - MGMT\$CSA_HOST_RULES
 - MGMT\$CSA_HOST_CPUS
 - MGMT\$CSA_HOST_IOCARDS
 - MGMT\$CSA_HOST_NICS
 - MGMT\$CSA_HOST_OS_PROPERTIES
 - MGMT\$CSA_HOST_OS_FILESYSTEMS
 - MGMT\$ECM_CONFIG_HISTORY
 - MGMT\$ECM_CONFIG_HISTORY_KEY1
 - MGMT\$ECM_CONFIG_HISTORY_KEY2
 - MGMT\$ECM_CONFIG_HISTORY_KEY3
 - MGMT\$ECM_CONFIG_HISTORY_KEY4
 - MGMT\$ECM_CONFIG_HISTORY_KEY5
 - MGMT\$ECM_CONFIG_HISTORY_KEY6
 - MGMT\$HW_NIC
 - MGMT\$OS_COMPONENTS
 - MGMT\$OS_FS_MOUNT
 - MGMT\$OS_HW_SUMMARY
 - MGMT\$OS_HW_SUMMARY
 - MGMT\$OS_PATCHES
 - MGMT\$OS_SUMMARY
 - MGMT\$SOFTWARE_COMP_PATCHSET
 - MGMT\$SOFTWARE_COMPONENT_ONEOFF
 - MGMT\$SOFTWARE_COMPONENTS
 - MGMT\$SOFTWARE_DEPENDENCIES

- MGMT\$SOFTWARE_HOMES
- MGMT\$SOFTWARE_ONEOFF_PATCHES
- MGMT\$SOFTWARE_OTHERS
- MGMT\$SOFTWARE_PATCHES_IN_HOMES
- MGMT\$SOFTWARE_PATCHSETS

Oracle Diagnostic Pack

The Oracle Diagnostic Pack provides automatic performance diagnostic and advanced system monitoring functionality. The Diagnostic Pack includes the following features:

- Automatic Workload Repository
- Automatic Database Diagnostic Monitor (ADDM)
- Active Session History (ASH)
- Performance monitoring (database and host)
- Event notifications: notification methods, rules, and schedules
- Event history and metric history (database and host)
- Blackouts
- Dynamic metric baselines
- Monitoring templates
- Memory-access based performance monitoring
- Supporting functionality to perform per stream bottleneck detection and per component top wait event analysis

In order to use the features listed above, you must purchase licenses for the Diagnostic Pack. A new initialization parameter, `CONTROL_MANAGEMENT_PACK_ACCESS`, controls access to the Diagnostic Pack and Tuning Pack. This parameter can be set to one of three values:

- `DIAGNOSTIC+TUNING`: Diagnostic Pack and Tuning Pack functionality is enabled in the database server.
- `DIAGNOSTIC`: Only Diagnostic Pack functionality is enabled in the server.
- `NONE`: Diagnostic Pack and Tuning pack functionality is disabled in the database server.

The Diagnostic Pack functionality can be accessed by Enterprise Manager links as well as through the database server command-line APIs. The use of either interface requires a Diagnostic Pack license.

Enterprise Manager

To determine which links in Enterprise Manager Grid Control and Database Control are part of the Diagnostics Packs, click the **Setup** link on the top right-hand part of the Enterprise Manager Home page.

- When you click the **Setup** link, the navigation bar contains the **Management Pack Access** link. Click this link.
- This will take you to the **Management Pack Access** page, which allows you to grant and remove access from all the management packs.

- For Enterprise Manager Database Control, click the **Remove Access** radio button for the Diagnostic Pack and click **Apply**.
- For Enterprise Manager Grid Control, click the appropriate check box for the Diagnostic Pack and click **Apply**.

This procedure disables all the links and tabs associated with the Diagnostic Pack in Enterprise Manager. All the disabled links and tabs are part of the Diagnostic Pack and therefore require pack license.

Command-Line APIs

Diagnostic Pack features can also be accessed by way of database server APIs and command-line interfaces:

- The DBMS_WORKLOAD_REPOSITORY package is part of this pack.
- The DBMS_ADDM package is part of this pack.
- The DBMS_ADVISOR package is part of this pack if you specify ADDM as the value of the `advisor_name` parameter, or if you specify for the value of the `task_name` parameter any value starting with the ADDM prefix.
- The V\$ACTIVE_SESSION_HISTORY dynamic performance view and its underlying table, X\$ASH, are part of this pack.
- The DBA_STREAMS_TP_PATH_BOTTLENECK view is part of this pack.
- All views beginning with DBA_ADDM_ are part of this pack.
- Some data in DBA_STREAMS_TP_COMPONENT_STAT requires the Diagnostic Pack. The following filter clause to any query on DBA_STREAMS_TP_COMPONENT_STAT shows Diagnostic-Pack-dependent data:

```
where STATISTIC_UNIT = 'PERCENT'
```

For example, the following query shows Diagnostic-Pack-dependent data only:

```
SELECT * FROM DBA_STREAMS_TP_COMPONENT_STAT
       where STATISTIC_UNIT = 'PERCENT';
```

- All data dictionary views beginning with the prefix DBA_HIST_ are part of this pack, along with their underlying tables. The only exception are the views: DBA_HIST_SNAPSHOT, DBA_HIST_DATABASE_INSTANCE, DBA_HIST_SNAP_ERROR, DBA_HIST_SEG_STAT, DBA_HIST_SEG_STAT_OBJ, and DBA_HIST_UNDOSTAT. They can be used without the Diagnostic Pack license.
- All data dictionary views with the prefix DBA_ADVISOR_ are part of this pack if queries to these views return rows with the value ADDM in the ADVISOR_NAME column or a value of ADDM* in the TASK_NAME column or the corresponding TASK_ID.
- The following reports found in the /rdbms/admin/ directory of the Oracle home directory are part of this pack: awrrpt.sql, awrrpti.sql, addmrtp.sql, addmrpti.sql, ashrpt.sql, ashrpti.sql, awrddrpt.sql, awrddrpi.sql, awrsqrpi.sql, awrsqrpt.sql, awrextr.sql, and awrload.sql, awrextr.sql, awrload.sql, awrinfo.sql, spawrrac.sql.

Oracle Diagnostics Pack Enterprise Manager Repository Views

- **Monitoring Views**
 - MGMT\$BLACKOUT_HISTORY
 - MGMT\$BLACKOUTS

- MGMT\$ALERT_ANNOTATIONS
- MGMT\$ALERT_NOTIF_LOG
- MGMT\$TARGET_METRIC_COLLECTIONS
- MGMT\$METRIC_COLLECTIONS
- MGMT\$TARGET_METRIC_SETTINGS
- MGMT\$AVAILABILITY_CURRENT
- MGMT\$AVAILABILITY_HISTORY
- MGMT\$ALERT_CURRENT
- MGMT\$ALERT_HISTORY
- MGMT\$METRIC_DETAILS
- MGMT\$METRIC_CURRENT
- MGMT\$METRIC_HOURLY
- MGMT\$METRIC_DAILY
- **Template Views**
 - MGMT\$TEMPLATES
 - MGMT\$TEMPLATE_POLICY_SETTINGS
 - MGMT\$TEMPLATE_METRIC_COLLECTION
 - MGMT\$TEMPLATE_METRIC_SETTINGS

Oracle Provisioning Pack

The Provisioning Pack for Database automates the deployment of software, applications, and patches for the database and underlying operating system. It makes critical data center operations easy, efficient and scalable resulting in lower operational risk and cost of ownership. The ability to provision the entire software stack that includes the operating system and the database, supplemented by comprehensive reporting tools make Provisioning Pack for Database an extremely significant entity in overall System Management space.

The Oracle Provisioning Pack contains the following features:

- Automated patching for Oracle database products and the operating system
- Critical Patch Facility
- Software Image Library
- Bare metal OS provisioning
- Single instance and RAC provisioning
- Single click cluster scale up and scale down
- Single instance-to-RAC conversion
- CLI driven runtime
- Enterprise Security Advisor
- Provisioning and deployment reports

Oracle Tuning Pack

The Oracle Tuning Pack provides database administrators with expert performance management for the Oracle environment, including SQL tuning and storage optimizations. The Oracle Diagnostic Pack is a prerequisite product to the Oracle Tuning Pack. Therefore, to use the Tuning Pack, you must also have a Diagnostic Pack.

The Tuning Pack includes the following features:

- SQL Access Advisor
- SQL Tuning Advisor
- Automatic SQL Tuning
- SQL Tuning Sets
- Automatic Plan Evolution of SQL Plan Management
- SQL Monitoring
- Reorganize objects

In order to use the features listed above, you must purchase licenses for the Tuning Pack, with one exception: SQL Tuning Sets can be used if you have licensed either the Tuning Pack or Oracle Real Application Testing. A new initialization parameter, `CONTROL_MANAGEMENT_PACK_ACCESS`, is introduced to control access to the Diagnostic Pack and Tuning Pack in the database server. This parameter can be set to one of three values:

- `DIAGNOSTIC+TUNING`: Diagnostic Pack and Tuning Pack functionality is enabled in the database server.
- `DIAGNOSTIC`: Only Diagnostic Pack functionality is enabled in the server.
- `NONE`: Diagnostic Pack and Tuning pack functionality is disabled in the database server.

The Tuning Pack functionality can be accessed by the Enterprise Manager links as well as through the database server command-line APIs. The use of either interface requires licensing of the Tuning Pack

Enterprise Manager

To determine which links in Enterprise Manager Grid Control and Database Control are part of the Diagnostics Packs, click the **Setup** link on the top right-hand part of the Enterprise Manager Home page.

- When you click the **Setup** link, the navigation bar contains the **Management Pack Access** link. Click this link.
- This will take you to the Management Pack Access page, which allows you to grant and remove access from all the management packs.
 - For Enterprise Manager Database Control, click the **Remove Access** radio button for the Tuning Pack and click **Apply**.
 - For Enterprise Manager Grid Control, click the appropriate check box for the Tuning Pack and click **Apply**.

This procedure disables all the links and tabs associated with the Tuning Pack in Enterprise Manager. All the disabled links and tabs are part of the Tuning Pack and therefore require pack license.

Command-Line APIs

Tuning Pack features can also be accessed by way of database server APIs and command-line interfaces:

- `DBMS_SQLTUNE`
- `DBMS_ADVISOR`, when the value of the `advisor_name` parameter is either SQL Tuning Advisor or SQL Access Advisor.
- `V$SQL_MONITOR`
- `V$SQL_PLAN_MONITOR`
- The following report found in the `/rdbms/admin/` directory of the Oracle home directory is part of this pack: `sqltrpt.sql`.

Other Oracle Products

In addition to the options and packs described in this chapter, Oracle provides two additional products for specific customer environments.

Oracle Database Lite

Oracle Database Lite provides efficient, reliable, and secure data management for applications running locally on mobile and small-footprint devices (handhelds, laptops, communicators, and so forth). Oracle Database Lite supports scalable synchronization of data between devices and any Oracle Database while offering complete management of users, devices, and applications. Oracle Database Lite requires a minimum of one Named User Plus license or the total number of actual users, whichever is greater.

Oracle Programmer

Oracle Programmer is a separate Oracle product that provides a programmatic interface to any edition of Oracle Database for application programmers. Programmer provides a rich set of interfaces for developers who build enterprise applications that access and manipulate Oracle Database. This product is licensed separately from the Oracle Database products. Oracle Programmer is a family of the following products:

- Three embedded SQL-style interfaces: precompilers, `SQL*Module`, and `SQLJ`
- Two utilities to generate host-language bindings from database schemas: Object Type Translator and JPub

Oracle Secure Backup

Oracle Secure Backup provides tape backup management for the entire Oracle environment. You can use Oracle Secure Backup to back up Oracle databases and host file systems to tape through direct-attached or network-attached tape drives. Oracle Secure Backup provides centralized management and control over backup and restore operations.

Oracle Secure Backup is available in the following forms, each suitable for different development and deployment scenarios:

Oracle Secure Backup For environments that consist of many servers, Oracle Secure Backup offers high performance data protection from server to tape. This protection is crucial for local and offsite storage of business-critical data.

Oracle Secure Backup Express For environments that consist of a single server, Oracle Secure Backup Express offers the same tape backup functionality as Oracle Secure Backup, but is limited to a single host with one direct-attached tape drive.

For more information on Oracle Secure Backup Licensing, see

http://download-west.oracle.com/docs/cd/B19090_01/doc/backup.102/b25528/toc.htm

Third-Party Licenses

This document contains licensing information about third-party products included with Oracle Database 11g Release 1 (11.0).

This document contains the following sections:

- [Third-Party Products Included with Oracle Database](#)
- [Third-Party Products Included with Sun Microsystems Products](#)

Third-Party Products Included with Oracle Database

This section includes third-party license information for all third-party products included with Oracle Database 11g Release 1 (11.0). Oracle acknowledges that following third-party and open source software are used in the provided programs covered by this documentation.

Apache Software License, Version 1.1

Copyright (c) 2000 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "Apache" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====
This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <<http://www.apache.org/>>.

Portions of this software are based upon public domain software originally written at the National Center for Supercomputing Applications, University of Illinois, Urbana-Champaign.

Apache License, Version 2.0, January 2004

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not

include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. **Grant of Copyright License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. **Grant of Patent License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. **Redistribution.** You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
 - a. You must give any other recipients of the Work or Derivative Works a copy of this License; and
 - b. You must cause any modified files to carry prominent notices stating that You changed the files; and
 - c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
 - d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along

with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. **Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. **Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

Apache Web Server 1.3.22 (including mod_mm 1.1.3, mod_perl 1.26, mod_jserv, SOAP 2.2, SOAP Client 2.2, SOAP Envelopes API and .DBI 0.88) from Apache Software Foundation

Copyright (c) 1996-2002 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

'This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).'

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names 'Apache' and 'Apache Software Foundation' must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called 'Apache', nor may 'Apache' appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED 'AS IS' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/>. This product includes software developed by the Java Apache Project for use in the Apache JServ Servlet Engine (<http://java.apache.org>).

Axis 1.2 from Apache Software Foundation

This software is based on [Apache Software License, Version 1.1](#).

BLAS and LPACK

Copyright (c) Jack Dongarra

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of BLAS or LPACK nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ConvertUTF.C from Unicode, Inc.

Oracle Drive includes software developed by Unicode, Inc. (<http://www.unicode.org>), ConvertUTF.C available at <http://www.unicode.org/Public/PROGRAMS/CVTUTF/ConvertUTF.c>, which has the following notice.

Grateful acknowledgement to Mark E. Davis, Rick McGowan, S. Parent, A. Lillich, and Tim Dodd.

Copyright 2001-2004 Unicode, Inc.

Disclaimer

This source code is provided as is by Unicode, Inc. No claims are made as to fitness for any particular purpose. No warranties of any kind are expressed or implied. The recipient agrees to determine applicability of information provided. If this file has been purchased on magnetic or optical media from Unicode, Inc., the sole remedy for any claim will be exchange of defective media within 90 days of receipt.

Limitations on Rights to Redistribute This Code

Unicode, Inc. hereby grants the right to freely use the information supplied in this file in the creation of products supporting the Unicode Standard, and to make copies of this file in any form for internal or external distribution as long as this notice remains attached.

Conversions between UTF32, UTF-16, and UTF-8. Source code file.

Author: Mark E. Davis, 1994.

Rev History: Rick McGowan, fixes & updates May 2001.

Sept 2001: fixed const & error conditions per mods suggested by S. Parent & A. Lillich.

June 2002: Tim Dodd added detection and handling of incomplete source sequences, enhanced error detection, added casts to eliminate compiler warnings.

July 2003: slight mods to back out aggressive FFFE detection.

Jan 2004: updated switches in from-UTF8 conversions.

Oct 2004: updated to use UNI_MAX_LEGAL_UTF32 in UTF-32 conversions.

CyberNeko HTML Parser 0.9.3

(C) Copyright 2002-2005, Andy Clark. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by Andy Clark." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "CyberNeko" and "NekoHTML" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact andyc@cyberneko.net.
5. Products derived from this software may not be called "CyberNeko", nor may "CyberNeko" appear in their name, without prior written permission of the author.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR OTHER CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This license is based on the Apache Software License, version 1.1.

This product includes software developed by Andy Clark.

Expat XML Parser 1.2

Copyright (c) 1998-2005 Thai Open Source Center Ltd.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

GD Library 1.8.4

Credits and license terms

In order to resolve any possible confusion regarding the authorship of gd, the following copyright statement covers all of the authors who have required such a statement. If you are aware of any oversights in this copyright notice, please contact Thomas Boutell who will be pleased to correct them.

Portions copyright 1994, 1995, 1996, 1997, 1998, 1999, 2000 by Cold Spring Harbor Laboratory. Funded under Grant P41-RR02188 by the National Institutes of Health.

Portions copyright 1996, 1997, 1998, 1999, 2000 by Boutell.Com, Inc.

Portions relating to GD2 format copyright 1999, 2000 Philip Warner.

Portions relating to PNG copyright 1999, 2000 Greg Roelofs.

Portions relating to libtiff copyright 1999, 2000 John Ellson (ellson@lucent.com).

Portions relating to JPEG copyright 2000, Doug Becker and copyright (C) 1994-1998, Thomas G. Lane. This software is based in part on the work of the Independent JPEG Group. Portions relating to WBMP copyright 2000 Maurice Szmurlo and Johan Van den Brande.

Permission has been granted to copy, distribute and modify gd in any context without fee, including a commercial application, provided that this notice is present in user-accessible supporting documentation.

This does not affect your ownership of the derived work itself, and the intent is to assure proper credit for the authors of gd, not to interfere with your productive use of gd. If you have questions, ask. "Derived works" includes all programs that utilize the library. Credit must be given in user-accessible documentation.

This software is provided "AS IS." The copyright holders disclaim all warranties, either express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose, with respect to this code and accompanying documentation.

Although their code does not appear in gd 1.8.4, the authors wish to thank David Koblas, David Rowley, and Hutchison Avenue Software Corporation for their prior contributions.

JabberBeans 0.9.4 from Jabber Inc.

This program contains third-party code from Jabber, Inc. Under the terms of the Jabber Open Source License, Oracle is required to provide the following notices. Note, however that the Oracle program license that accompanied this product determines your right to use the Oracle program, including the JabberBeans software, and the terms contained in the following notices do not change those rights. Notwithstanding anything to the contrary in the Oracle program license, the JabberBeans software is

provided by Oracle "AS IS" and without warranty or support of any kind from Oracle or Jabber, Inc.

The source code for JabberBeans is available from Jabber, Inc. at <http://www.Jabber.com>.

JPEG Software 6b from The Independent JPEG Group

This software is based in part on the work of the Independent JPEG Group.

Mail:Sendmail Perl module 0.79 from CPAN

The source for the Mail:Sendmail Perl module can be obtained at the following URL: <http://search.cpan.org/~mivkovic/Mail-Sendmail-0.79/Sendmail.pm>

Netscape Messaging Access Software Development Kit (SDK) 3.5, Netscape Messaging Access Software Development Kit (SDK) 3.5.1 and LDAP SDK 5.1 from Netscape Communications Corporation

Portions of the Oracle Mobile Collaboration implementation are based on the Netscape Access Messaging Software Development Kit (SDK) Version 3.5 code. The Original Code is Mozilla Communicator client code, released on or about June 15, 1998. The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright ©1998-1999 Netscape Communications Corporation. All rights reserved.

Changes made to the Netscape Messaging Access SDK by Oracle Mobile Collaboration are located at:

http://www.oracle.com/technology/software/products/cs/opensource/mobility/nma_sdk_changes.html

The source code containing changes to the Netscape Messaging Access SDK by Oracle Mobile Collaboration can be downloaded in ZIP format at:

http://www.oracle.com/technology/software/products/cs/opensource/mobility/nma_sdk_changes.zip

Portions of the IMAP4, SMTP and MIME implementations are based on the Netscape Access Messaging Software Development Kit (SDK) code. The Original Code is Mozilla Communicator client code, released March 31, 1998. The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright ©1998-1999 Netscape Communications Corporation. All rights reserved.

Changes made to the Netscape Messaging Access SDK by Oracle are located at:

http://www.oracle.com/technology/software/products/cs/opensource/ocfo/nma_sdk_changes.html

The source code containing changes to the Netscape Messaging Access SDK by Oracle can be downloaded in ZIP format at:

http://www.oracle.com/technology/software/products/cs/opensource/ocfo/nma_sdk_changes.zip

Portions of the Oracle Calendar implementation are based on the Netscape LDAP Software Development Kit 5.1 code. The Original Code is Mozilla Communicator client code, released March 31, 1998. The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright ©1998-1999 Netscape Communications Corporation. All rights reserved.

The terms and conditions of any Oracle license agreement with Oracle's licensees are offered solely by Oracle and the Initial Developer and each Contributor under the

Mozilla Public License and Netscape Public License shall have no responsibility or liability for such terms and conditions.

OpenSSL Toolkit 0.96m from OpenSSL Project

This product includes software developed by the OpenSSL Project * for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

Copyright (c) 1998-2003 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
6. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project or use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Remote Control of Netscape Navigator for Unix 1.1.3 from Netscape Corporation

Copyright © 1996 Netscape Communications Corporation, all rights reserved. Created: Jamie Zawinski jwz@netscape.com, 24-Dec-94.

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this

permission notice appear in supporting documentation. No representations are made about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

Sentry Spelling-Checker Engine 5.10 from Wintertree Software

Sentry Spelling-Checker Engine Copyright (c) 2002 Wintertree Software Inc.

SyncML Toolkit 4.1 from SyncML Initiative, Ltd.

LICENSE The Copyright Holders of this software, including all accompanying documentation ("Software"), hereby grant, royalty free and for any purpose, permission to use, copy, modify and prepare derivative works therefrom, distribute, publish, sublicense and sell copies of the Software and to permit persons to whom the Software is furnished to do the same, all subject to the following conditions: 1. The complete text of the following notice shall be reproduced on each copy or substantial copy of the Software in a location readily viewable to users of the Software: NOTICE Copyright (c) Ericsson, IBM, Lotus, Matsushita Communication Industrial Co., Ltd., Motorola, Nokia, Openwave Systems, Inc., Palm, Inc., Psion, Starfish Software, Symbian, Ltd. (2001-2002). All Rights Reserved. Implementation of all or part of any Software may require licenses under third party intellectual property rights, including without limitation, patent rights. The Copyright Holders are not responsible and shall not be held responsible in any manner for identifying or failing to identify any or all such third party intellectual property rights. THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE PROVIDED ON AN "AS IS" BASIS WITHOUT WARRANTY OF ANY KIND AND ERICSSON, IBM, LOTUS, MATSUSHITA COMMUNICATION INDUSTRIAL CO. LTD, MOTOROLA, NOKIA, OPENWAVE, PALM INC., PSION, STARFISH SOFTWARE, SYMBIAN AND ALL OTHER SYNCML SPONSORS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ERICSSON, IBM, LOTUS, MATSUSHITA COMMUNICATION INDUSTRIAL CO., LTD, MOTOROLA, NOKIA, OPENWAVE, PALM INC., PSION, STARFISH SOFTWARE, SYMBIAN OR ANY OTHER SYNCML SPONSOR BE LIABLE TO ANY PARTY FOR ANY LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF USE OF DATA, INTERRUPTION OF BUSINESS, OR FOR DIRECT, INDIRECT, SPECIAL OR EXEMPLARY, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND IN CONNECTION WITH THIS DOCUMENT OR THE INFORMATION CONTAINED HEREIN, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

Team Spirit 1.2.14.31 from SPIRIT, Ltd.

Copyright (c) 1995-2004, SPIRIT, Ltd.

Xerces C++ 2.1.0.0 and Xerces2 Java Parser 2.6.2

This product includes Xerces C++ 2.1.0.0 developed by the Apache Software Foundation.

Copyright (c) 1999-2000 The Apache Software Foundation. All rights reserved.

This product includes Xerces2 Java Parser 2.6.2 developed by the Apache Software Foundation.

Copyright (c) 1999-2004 The Apache Software Foundation. All rights reserved.

The Oracle Corporation license is based on the Apache Software License Version 1.1.

<http://www.apache.org/>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "Xerces" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation and was originally based on software copyright (c) 1999, International Business Machines, Inc., <http://www.ibm.com>. For more information on the Apache Software Foundation, please see <http://www.apache.org/>.

XPExplorer Bar 3.2.1.2 from Mathew Hall

Copyright © 2004-2005, Mathew Hall

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

DBI 1.20/DBD 1.15 from Tim Bunce

This product includes source code developed by Tim Bunce which can be found at <http://search.cpan.org/~timb/DBD-Oracle-1.15/>.

SSL Plus Toolkit from Certicom

This product includes code licensed from Certicom.

Zip Utility 2.3.1, UnZip Utility 5.5.1 from Info-ZIP

Copyright (c) 1990-2005 Info-ZIP. All rights reserved.

For the purposes of this copyright and license, "Info-ZIP" is defined as the following set of individuals:

Mark Adler, John Bush, Karl Davis, Harald Denker, Jean-Michel Dubois, Jean-loup Gailly, Hunter Goatley, Ed Gordon, Ian Gorman, Chris Herborth, Dirk Haase, Greg Hartwig, Robert Heath, Jonathan Hudson, Paul Kienitz, David Kirschbaum, Johnny Lee, Onno van der Linden, Igor Mandrichenko, Steve P. Miller, Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs, Kai Uwe Rommel, Steve Salisbury, Dave Smith, Steven M. Schweda, Christian Spieler, Cosmin Truta, Antoine Verheijen, Paul von Behren, Rich Wales, Mike White

This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

- Redistributions of source code must retain the above copyright notice, definition, disclaimer, and this list of conditions.
- Redistributions in binary form (compiled executables) must reproduce the above copyright notice, definition, disclaimer, and this list of conditions in documentation and/or other materials provided with the distribution. The sole exception to this condition is redistribution of a standard UnZipSFX binary (including SFXWiz) as part of a self-extracting archive; that is permitted without inclusion of this license, as long as the normal SFX banner has not been removed from the binary or disabled.
- Altered versions--including, but not limited to, ports to new operating systems, existing ports with new graphical interfaces, and dynamic, shared, or static library versions--must be plainly marked as such and must not be misrepresented as

being the original source. Such altered versions also must not be misrepresented as being Info-ZIP releases--including, but not limited to, labeling of the altered versions with the names "Info-ZIP" (or any variation thereof, including, but not limited to, different capitalizations), "Pocket UnZip," "WiZ" or "MacZip" without the explicit permission of Info-ZIP. Such altered versions are further prohibited from misrepresentative use of the Zip-Bugs or Info-ZIP e-mail addresses or of the Info-ZIP URL(s).

- Info-ZIP retains the right to use the names "Info-ZIP," "Zip," "UnZip," "UnZipSFX," "WiZ," "Pocket UnZip," "Pocket Zip," and "MacZip" for its own source and binary releases.

Stemming Technology 2.2, XLT API Developer Toolkit v.1.0.5 (including Updates), and Linguistic Databases (including Updates) for English, French, German, Italian, Spanish and Dutch from Inxight

Copyright (c) Inxight Software, Inc.

Kerberos 5 Release 11.0 Beta 4 from Massachusetts Institute of Technology (MIT), OpenVision Technologies, Inc. and the Regents of the University of California

This program contains third-party code from Massachusetts Institute of Technology (MIT), OpenVision Technologies, Inc. and the Regents of the University of California. Under the terms of the Kerberos license, Oracle is required to license the Kerberos software to you under the following terms. Note that the terms contained in the Oracle program license that accompanied this product do not apply to the Kerberos software, and your rights to use the software are solely as set forth below. Oracle is not responsible for the performance of the Kerberos software, does not provide technical support for the software, and shall not be liable for any damages arising out of any use of the Kerberos software.

Copyright (c) 1985-2002 by the Massachusetts Institute of Technology.

All rights reserved.

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Furthermore, if you modify this software you must label your software as modified software and not distribute it in such a fashion that it might be confused with the original M.I.T. software. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Individual source code files are copyright M.I.T., Cygnus Support, OpenVision, Oracle, Sun Soft, FundsXpress, and others.

Project Athena, Athena, Athena MUSE, Discuss, Hesiod, Kerberos, Moira, and Zephyr are trademarks of the Massachusetts Institute of Technology (M.I.T.). No commercial use of these trademarks may be made without prior written permission of M.I.T. "Commercial use" means use of a name in a product or other for-profit manner. It does NOT prevent a commercial firm from referring to the M.I.T. trademarks in order to convey information (although in doing so, recognition of their trademark status should be given).

Open Vision Kerberos Administration System The following copyright and permission notice applies to the OpenVision Kerberos Administration system located in `kadmin/create`, `kadmin/dbutil`, `kadmin/passwd`, `kadmin/server`, `lib/kadm5`, and portions of `lib/rpc`: Copyright, OpenVision Technologies, Inc., 1996, All Rights Reserved.

WARNING: Retrieving the OpenVision Kerberos Administration system source code, as described below, indicates your acceptance of the following terms. If you do not agree to the following terms, do not retrieve the OpenVision Kerberos administration system.

You may freely use and distribute the Source Code and Object Code compiled from it, with or without modification, but this Source Code is provided to you "AS IS" EXCLUSIVE OF ANY WARRANTY, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED. IN NO EVENT WILL OPENVISION HAVE ANY LIABILITY FOR ANY LOST PROFITS, LOSS OF DATA, OR COSTS OF PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES, OR FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THIS AGREEMENT, INCLUDING, WITHOUT LIMITATION, THOSE RESULTING FROM THE USE OF THE SOURCE CODE, OR THE FAILURE OF THE SOURCE CODE TO PERFORM, OR FOR ANY OTHER REASON.

OpenVision retains all copyrights in the donated Source Code. OpenVision also retains copyright to derivative works of the Source Code, whether created by OpenVision or by a third party. The OpenVision copyright notice must be preserved if derivative works are made based on the donated Source Code.

OpenVision Technologies, Inc., has donated this Kerberos Administration system to M.I.T. for inclusion in the standard Kerberos 5 distribution. This donation underscores our commitment to continuing Kerberos technology development and our gratitude for the valuable work which has been performed by M.I.T. and the Kerberos community.

Additional Licensing Information Portions contributed by Matt Crawford `crawdad@fnal.gov` were work performed at Fermi National Accelerator Laboratory, which is operated by Universities Research Association, Inc., under contract DE-AC02-76CHO3000 with the U. S. Department of Energy.

Perl Interpreter 5.8.3, Devel-symdump 2.01, Digest MD5 2.13, HTML Parser 3.2.4/3.2.5, Libnet 1.0703, Libwww-perl 5.53, MIME based 64 v2.12, Net-Daemon 0.35, PIRPC 0.2015, Storable 1.012, URI 1.12, Win32-TieRegistry-0.24, Win32API-Registry-0.23, Simple.pm [final name pending] from CPAN/Perl

Source code for the standard unmodified version of the above products can be found at <http://www.cpan.org/src/README.html>.

**BSAFE (BSAFE CRYPTO-C 6.0.3.), BSAFE (BSAFE CERT-C TOOLKIT 2.5.1)
from RSA Security**

This product includes code licensed from RSA Data Security.



**JRE 1.5.0, JDK 1.5.0, Java Advanced Imaging (JAI) 1.1.1_01, Java Access
Bridge 1.0.2 (Production Version) and Java Mail 1.1.3. from Sun
Microsystems**

This product includes code provided by Sun Microsystems.



mod_ssl, Ralf S. Engelschall

Copyright (c) 1998-2001 Ralf S. Engelschall. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:

This product includes software developed by Ralf S. Engelschall
<rse@engelschall.com> for use in the mod_ssl project
(<http://www.modssl.org/>)

4. The names "mod_ssl" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact rse@engelschall.com.
5. Products derived from this software may not be called "mod_ssl" nor may "mod_ssl" appear in their names without prior written permission of Ralf S. Engelschall.

6. Redistributions of any form whatsoever must retain the following acknowledgment:

This product includes software developed by Ralf S. Engelschall <rse@engelschall.com> for use in the mod_ssl project (<http://www.modssl.org/>)

THIS SOFTWARE IS PROVIDED BY RALF S. ENGELSCHALL AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL RALF S. ENGELSCHALL OR HIS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

OpenSSL 0.9.6b, OpenSSL Project

Distribution License. The following must be in the documentation for object code distributions:

Copyright (c) 1998-2001 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.

6. Redistributions of any form whatsoever must retain the following acknowledgment:

This product includes software developed by the OpenSSL Project for use in the OpenSSL toolkit. (<http://www.openssl.org/>).

THIS SOFTWARE IS PROVIDED BY THE Open SSL PROJECT AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE Open SSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,

INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

TCL 8.2.3

This product includes TCL v. 8.2.3 files which require inclusion of the following notice:

This software is copyrighted by the Regents of the University of California, Sun Microsystems, Inc., Scriptics Corporation, and other parties. The following terms apply to all files associated with the software unless explicitly disclaimed in individual files.

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice is included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses.

Modifications to this software may be copyrighted by their authors and need not follow the licensing terms described here, provided that the new terms are clearly indicated on the first page of each file where they apply.

IN NO EVENT SHALL THE AUTHORS OR DISTRIBUTORS BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE, ITS DOCUMENTATION, OR ANY DERIVATIVES THEREOF, EVEN IF THE AUTHORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE AUTHORS AND DISTRIBUTORS SPECIFICALLY DISCLAIM ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. THIS SOFTWARE IS PROVIDED ON AN "AS IS" BASIS, AND THE AUTHORS AND DISTRIBUTORS HAVE NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

GOVERNMENT USE: If you are acquiring this software on behalf of the U.S. government, the Government shall have only "Restricted Rights" in the software and related documentation as defined in the Federal Acquisition Regulations (FARs) in Clause 52.227.19 (c) (2). If you are acquiring the software on behalf of the Department of Defense, the software shall be classified as "Commercial Computer Software" and the Government shall have only "Restricted Rights" as defined in Clause 252.227-7013 (c) (1) of DFARs. Notwithstanding the foregoing, the authors grant the U.S. Government and others acting in its behalf permission to use and distribute the software in accordance with the terms specified in this license.

MapInfo Portions of this software Copyright 1992-1999 MapInfo Corporation, ALL RIGHTS RESERVED.

AnyChart This product uses the Anychart Flash Chart Component. Anychart is a flexible Macromedia Flash-based solution that enables developers to create animated, compact, interactive flash charts. Flash charts are rendered by a browser and require Flash player 8 or higher. For more information about Anychart, go to <http://www.anychart.com>

FCKeditor This product uses FCKeditor version 2.3.2 for the following item types; HTML Editor Minimal and HTML Editor Standard. This software is Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at: <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

For more information about FCKeditor, go to: <http://www.fckeditor.net/>

Apache License

This program contains Batik version 1.6. Batik uses [Apache License, Version 2.0, January 2004](#).

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

JACL Version 1.3.1

SUN MICROSYSTEMS, INC. THROUGH ITS SUN MICROSYSTEMS LABORATORIES DIVISION ("SUN") WILL LICENSE THIS SOFTWARE AND THE ACCOMPANYING DOCUMENTATION TO YOU (a "Licensee") ONLY ON YOUR ACCEPTANCE OF ALL THE TERMS SET FORTH BELOW.

Sun grants Licensee a non-exclusive, royalty-free right to download, install, compile, use, copy and distribute the Software, modify or otherwise create derivative works from the Software (each, a "Modification") and distribute any Modification in source code and/or binary code form to its customers with a license agreement containing these terms and noting that the Software has been modified. The Software is copyrighted by Sun and other third parties and Licensee shall retain and reproduce all copyright and other notices presently on the Software. As between Sun and Licensee, Sun is the sole owner of all rights in and to the Software other than the limited rights granted to Licensee herein; Licensee will own its Modifications, expressly subject to Sun's continuing ownership of the Software. Licensee will, at its expense, defend and indemnify Sun and its licensors from and against any third party claims, including costs and reasonable attorneys' fees, and be wholly responsible for any liabilities arising out of or related to Licensee's development, use or distribution of the Software or Modifications. Any distribution of the Software and Modifications must comply with all applicable United States export control laws.

THE SOFTWARE IS BEING PROVIDED TO LICENSEE "AS IS" AND ALL EXPRESS OR IMPLIED CONDITIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE DISCLAIMED. IN NO EVENT WILL SUN BE LIABLE HEREUNDER FOR ANY DIRECT DAMAGES OR ANY INDIRECT, PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.

Portions of Jacl and Tcl Blend are Copyright (c) 1997-1999 The Regents of the University of California.

All rights reserved.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in all copies of this software.

IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE UNIVERSITY OF CALIFORNIA SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE UNIVERSITY OF CALIFORNIA HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

Apache Regular Expression Package 1.3

The Apache Software License, Version 1.1

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)

Copyright © 1999 The Apache Software Foundation

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgement: "This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)." Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.
4. The names "The Jakarta Project", "Jakarta-Regexp", and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache" nor may "Apache" appear in their names without prior written permission of the Apache Group.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED

AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/>.

Antlr v. 2.7.3

<http://www.antlr.org/rights.html>

OracleAS TopLink uses Antlr for EJB QL parsing. Antlr (ANother Tool for Language Recognition), is a language tool that provides a framework for constructing recognizers, compilers, and translators from grammatical descriptions containing C++ or Java actions. The ANTLR parser and translator generator is fully in the public domain.

Oracle gratefully acknowledges the work of Terence Parr, the creator of ANTLR v. 2.7.3, which is used in this product.

JGoodies Looks and Forms

Copyright © 2003 JGoodies Karsten Lentzsch. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of JGoodies Karsten Lentzsch nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ZLIB.h Version 1.2.3

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.3, July 18th, 2005

Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org
Mark Adler madler@alumni.caltech.edu

JSCH

Copyright (c) 2002,2003,2004,2005,2006 Atsuhiko Yamanaka, JCraft,Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

IPMItool

Copyright © 2003 Sun Microsystems, Inc. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind.

ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST

REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

Third-Party Products Included with Sun Microsystems Products

Sun Microsystems has indicated that the following materials may be included in the Java Development Kit and/or JRE materials that are included in the Oracle product. Sun Microsystems currently provides the following notices as part of the Sun distribution:

A. CS CodeViewer v1.0; Use of any of this software is governed by the terms of the license below:

Copyright 1999 by CoolServlets.com.

Any errors or suggested improvements to this class can be reported as instructed on CoolServlets.com. We hope you enjoy this program... your comments will encourage further development! This software is distributed under the terms of the BSD License. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither name of CoolServlets.com nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

"THIS SOFTWARE IS PROVIDED BY COOLSERVLETS.COM AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."

B. DES and 3xDES; Use of any of this software is governed by the terms of the license below:

"Copyright 2000 by Jef Poskanzer <jef@acme.com>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."

C. Crimson v1.1.1; Use of any of this software is governed by the terms of the license below:

The Apache Software License, Version 1.1

Copyright (c) 1999-2000 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the Apache Software Foundation

<http://www.apache.org/>

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "Crimson" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED

AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation and was originally based on software copyright (c) 1999, International Business Machines, Inc.,

<http://www.ibm.com>

For more information on the Apache Software Foundation, please see

<http://www.apache.org/>.

D. Xalan J2; Use of any of this software is governed by the terms of the license below:

The Apache Software License, Version 1.1

Copyright (c) 1999-2000 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment: "This product includes software developed by the Apache Software Foundation:

<http://www.apache.org/>).

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "Xalan" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====
This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation and was originally based on software copyright (c) 1999, International Business Machines, Inc.:

<http://www.ibm.com>

For more information on the Apache Software Foundation, please see

<http://www.apache.org/>

E. NSIS 1.0j; Use of any of this software is governed by the terms of the license below:

Copyright (C) 1999-2000 Nullsoft, Inc.

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software. Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution. Justin Frankel justin@nullsoft.com"

**F. Some Portions licensed from IBM are available at:
<http://oss.software.ibm.com/icu4j/>**

G. Portions Copyright Eastman Kodak Company 1992

H. Lucida is a registered trademark or trademark of Bigelow & Holmes in the U.S. and other countries.

I. Portions licensed from Taligent, Inc.

Additionally for JRE/JDK 1.5 / 5.0

The following software may be included in this product:

A. IAIK PKCS Wrapper

Use of any of this software is governed by the terms of the license below:

Copyright (c) 2002 Graz University of Technology. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. 3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of Technology."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. 4. The names "Graz University of Technology" and "IAIK of Graz University of Technology" must not be used to endorse or promote products derived from this software without prior written permission.
5. 5. Products derived from this software may not be called "IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior written permission of Graz University of Technology.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LICENSOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Document Object Model (DOM) v. Level 3

Use of any of this software is governed by the terms of the license below:

W3C SOFTWARE NOTICE AND LICENSE

<http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231>

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.
2. Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.
3. Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on August 14 1998 so as to improve compatibility with GPL. This version ensures that W3C software licensing terms are no more restrictive than GPL and consequently W3C software may be distributed in GPL packages. See the older formulation for the policy prior to this date. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

W3C XML Schema Test Collection v. 1.16.2

Use of any of this software is governed by the terms of the license below:

W3C DOCUMENT NOTICE AND LICENSE

Copyright 1994-2002 World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.

<http://www.w3.org/Consortium/Legal/>

Public documents on the W3C site are provided by the copyright holders under the following license. The software or Document Type Definitions (DTDs) associated with W3C specifications are governed by the Software Notice. By using and/or copying this document, or the W3C document from which this statement is linked, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to use, copy, and distribute the contents of this document, or the W3C document from which this statement is linked, in any medium for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the document, or portions thereof, that you use:

1. A link or URL to the original W3C document.
2. The pre-existing copyright notice of the original author, or if it doesn't exist, a notice of the form: "Copyright 1994 [date-of-document] World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved. <http://www.w3.org/Consortium/Legal/>" (Hypertext is preferred, but a textual representation is permitted.)
3. If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license. However, if additional requirements (documented in the Copyright FAQ) are satisfied, the right to create modifications or derivatives is sometimes granted by the W3C to individuals complying with those requirements.

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.

 This formulation of W3C's notice and license became active on April 05 1999 so as to account for the treatment of DTDs, schema's and bindings. See the older formulation for the policy prior to this date. Please see our Copyright FAQ for common questions

about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org. webmaster (last updated by reagle on 1999/04/99.)

Mesa 3-D graphics library v. 5

Use of any of this software is governed by the terms of the license below:

core Mesa code include/GL/gl.h Brian Paul Mesa

GLX driver include/GL/glx.h Brian Paul Mesa

Ext registry include/GL/glexth SGI SGI Free B

include/GL/glexth.h

Mesa license:

The Mesa distribution consists of several components. Different copyrights and licenses apply to different components. For example, GLUT is copyrighted by Mark Kilgard, some demo programs are copyrighted by SGI, some of the Mesa device drivers are copyrighted by their authors. See below for a list of Mesa's components and the copyright/license for each.

The core Mesa library is licensed according to the terms of the XFree86 copyright (an MIT-style license). This allows integration with the XFree86/DRI project. Unless otherwise stated, the Mesa source code and documentation is licensed as follows:

Copyright (C) 1999-2003 Brian Paul All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL BRIAN PAUL BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Byte Code Engineering Library (BCEL) v. 5

Use of any of this software is governed by the terms of the license below:

Apache Software License

/*

=====

The Apache Software License, Version 1.1

Copyright (c) 2001 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.
4. The names "Apache" and "Apache Software Foundation" and "Apache BCEL" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.
5. Products derived from this software may not be called "Apache", "Apache BCEL", nor may "Apache" appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====
 This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see .

Regexp, Regular Expression Package v. 1.2

Use of any of this software is governed by the terms of [Apache Software License, Version 1.1](#).

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org>.

CUP Parser Generator for Java v. 0.10k; Use of any of this software is governed by the terms of the license below:

CUP Parser Generator Copyright Notice, License, and Disclaimer

Copyright 1996-1999 by Scott Hudson, Frank Flannery, C. Scott Ananian

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission

notice and warranty disclaimer appear in supporting documentation, and that the names of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

JLex: A Lexical Analyzer Generator for Java v. 1.2.5

Use of any of this software is governed by the terms of the license below:

JLEX COPYRIGHT NOTICE, LICENSE AND DISCLAIMER.

Copyright 1996-2003 by Elliot Joel Berk and C. Scott Ananian

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the name of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

Java is a trademark of Sun Microsystems, Inc. References to the Java programming language in relation to JLex are not meant to imply that Sun endorses this product.

SAX v. 2.0.1

Use of any of this software is governed by the terms of the license below:

Copyright Status

SAX is free!

In fact, it's not possible to own a license to SAX, since it's been placed in the public domain.

No Warranty

Because SAX is released to the public domain, there is no warranty for the design or for the software implementation, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holders and/or other parties provide SAX "as is" without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of SAX is with you.

Should SAX prove defective, you assume the cost of all necessary servicing, repair or correction.

In no event unless required by applicable law or agreed to in writing will any copyright holder, or any other party who may modify and/or redistribute SAX, be liable to you for damages, including any general, special, incidental or consequential damages arising out of the use or inability to use SAX (including but not limited to

loss of data or data being rendered inaccurate or losses sustained by you or third parties or a failure of the SAX to operate with any other programs), even if such holder or other party has been advised of the possibility of such damages.

Copyright Disclaimers

This page includes statements to that effect by David Megginson, who would have been able to claim copyright for the original work.

SAX 1.0

Version 1.0 of the Simple API for XML (SAX), created collectively by the membership of the XML-DEV mailing list, is hereby released into the public domain.

No one owns SAX: you may use it freely in both commercial and non-commercial applications, bundle it with your software distribution, include it on a CD-ROM, list the source code in a book, mirror the documentation at your own web site, or use it in any other way you see fit.

David Megginson, sax@megginson.com

1998-05-11

SAX 2.0

I hereby abandon any property rights to SAX 2.0 (the Simple API for XML), and release all of the SAX 2.0 source code, compiled code, and documentation contained in this distribution into the Public Domain. SAX comes with NO WARRANTY or guarantee of fitness for any purpose.

David Megginson, david@megginson.com

2000-05-05

Cryptix

Use of any of this software is governed by the terms of the license below:

Cryptix General License

Copyright © 1995-2003 The Cryptix Foundation Limited. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE CRYPTIX FOUNDATION LIMITED AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CRYPTIX FOUNDATION LIMITED OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN

ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Platform Event Filtering (PEF) routines

Copyright (c) 2004 Dell Computers. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Dell Computers, or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind.

ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. DELL COMPUTERS ("DELL") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL DELL OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF DELL HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

Index

D

database options, 2-1

- Active Data Guard, 2-1
- Advanced Security, 2-2
- Content Database Suite, 2-3
- Data Mining, 2-3
- Database Vault, 2-4
- Label Security, 2-5
- OLAP, 2-5
- Oracle Advanced Compression, 2-2
- Oracle Real Application Clusters, 2-6
- Oracle Warehouse Builder Enterprise ETL, 2-9
- Partitioning, 2-6
- Real Application Testing, 2-7
- Spatial, 2-8
- Total Recall, 2-9
- Warehouse Builder Connector—E-Business Suite, 2-10
- Warehouse Builder Connector—PeopleSoft, 2-10
- Warehouse Builder Connector—SAP R/3 Connector, 2-10
- Warehouse Builder Data Quality, 2-10

E

Enterprise Edition, 1-1

L

Lite, 2-19

M

management packs, 2-10

- Change Management, 2-11
- Configuration Management, 2-11
- Diagnostic Pack, 2-15
- Oracle Tuning Pack, 2-18
- Provisioning Pack, 2-17

O

OLAP option, 2-5

- Oracle Active Data Guard, 2-1
- Oracle Advanced Compression, 2-2
- Oracle Advanced Security, 2-2

- Oracle Change Management Pack, 2-11
- Oracle Configuration Management Pack, 2-11
- Oracle Content Database Suite, 2-3
- Oracle Data Mining, 2-3
- Oracle Database Enterprise Edition, 1-1
- Oracle Database Express Edition, 1-1
- Oracle Database Lite, 2-19
- Oracle Database Personal Edition, 1-2
- Oracle Database Standard Edition, 1-1
- Oracle Database Standard Edition One, 1-1
- Oracle Database Vault, 2-4
- Oracle Database XE, 1-1
- Oracle Diagnostic Pack, 2-15
- Oracle Label Security, 2-5
- Oracle OLAP, 2-5
- Oracle On-Line Analytical Processing, 2-5
- Oracle Partitioning, 2-6
- Oracle Provisioning Pack, 2-17
- Oracle Real Application Clusters, 2-6
- Oracle Real Application Testing, 2-7
- Oracle Secure Backup, 2-19
- Oracle Spatial, 2-8
- Oracle Total Recall, 2-9
- Oracle Tuning Pack, 2-18
- Oracle Warehouse Builder Connector—E-Business Suite, 2-10
- Oracle Warehouse Builder Connector—PeopleSoft, 2-10
- Oracle Warehouse Builder Connector—SAP R/3 Connector, 2-10
- Oracle Warehouse Builder Data Quality, 2-10
- Oracle Warehouse Builder Enterprise ETL, 2-9

P

Personal Edition, 1-2

S

software editions, 1-1

- Standard Edition, 1-1
- Standard Edition One, 1-1

