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Chapter 1

Introduction

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Note: For previous PeopleTools releases, see the document titled Licensing Notes for Oracle’s PeopleTools for your release, located on Oracle Technology Network (OTN).

Related Links
PeopleTools 8.57 Product Editions and Permitted Features
Chapter 2

PeopleSoft PeopleTools 8.57 Licensing

PeopleSoft PeopleTools 8.57 Licensing Information

PeopleTools 8.57 Product Editions and Permitted Features

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Should you choose to purchase a separate license for PeopleSoft PeopleTools as a standalone product (in addition to the restricted use license included with PeopleSoft applications), the following editions are available:

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As a licensee of PeopleTools, you are entitled to install and configure a PeopleSoft Interaction Hub database and use the following restricted set of PeopleSoft Interaction Hub capabilities:

- **User Experience Capabilities**
  - Unified Navigation Framework – A common navigation interface for multiple PeopleSoft applications:
    
    The Unified Navigation Framework federates all PeopleSoft application nodes in one common menu so users can access features of multiple PeopleSoft applications from a single system menu.
    
    The Unified Navigation WorkCenter is provided to manage and configure PeopleSoft unified navigation.
  
  - PeopleSoft Interaction Hub Branding Framework - Facilitates branding across the entire PeopleSoft application infrastructure.
  
  - Email and Calendar Integration – The delivered pagelets can be used anywhere in the system.

- **Unified worklists and tasks.**

- **Collaborative Capabilities**
  - Use of Collaborative Workspaces including all delivered Workspace modules. Consuming the Workspace modules data anywhere in the system via pagelets or related services.
  
  - Related Content services – Discussions, Tags and Links – in any PeopleSoft application transaction.

The use of any PeopleSoft Interaction Hub capabilities not listed above requires the purchase of an unrestricted license.

As a licensee of PeopleTools, you are authorized to use the following basic “portal” functions included within the base PeopleTools product:

- Personalize and customize the application homepage.

- Create homepage tabs in the PeopleTools database.

- Use the PeopleSoft Pagelet Wizard to create pagelets and publish them as WSRP portlets.

- Consume pagelets between PeopleSoft applications.

- Publish PeopleSoft component, iScript, and generic URL data as WSRP portlets.

- Consume WSRP or JSR168 content from non-PeopleSoft applications or web sites if licensed by the third-party to do so.

You can easily extend an Application Portal Pack by creating additional pagelets and navigation pages using the portal capabilities included in PeopleTools.

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|            |                             |   • Unified Navigation Framework – A common navigation interface for multiple PeopleSoft applications:
|            |                             |     The Unified Navigation Framework federates all PeopleSoft application nodes in one common menu so users can access features of multiple PeopleSoft applications from a single system menu.
|            |                             |     The Unified Navigation WorkCenter is provided to manage and configure PeopleSoft unified navigation.
|            |                             |   • PeopleSoft Interaction Hub Branding Framework - Facilitates branding across the entire PeopleSoft application infrastructure.
|            |                             |   • Email and Calendar Integration – The delivered pagelets can be used anywhere in the system.
|            |                             | • Unified worklists and tasks. |
|            |                             | • Collaborative Capabilities |
|            |                             |   • Use of Collaborative Workspaces including all delivered Workspace modules. Consuming the Workspace modules data anywhere in the system via pagelets or related services.
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|            |                             | As a licensee of PeopleTools, you are authorized to use the following basic “portal” functions included within the base PeopleTools product: |
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<td>additional cost with PeopleTools. PeopleTools's Optimization Framework uses IBM's</td>
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<td>ILOG CPLEX product to expose and provide optimization features for PeopleSoft</td>
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#### Prerequisite Products

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.
In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.
In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
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Mersenne Twister

----------

The :mod:`_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
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http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html

e-mail: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
-------

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE Project, http://www.wide.ad.jp/. ::


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-------------------------------

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
between ascii and binary. This results in a 1000-fold speedup. The C
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- Arguments more compliant with Python standard

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--------------------------
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SipHash24

--------

The file :file:`Python/pyhash.c` contains Marek Majkowski' implementation of Dan Bernstein's SipHash24 algorithm. The contains the following note::

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Original location:

https://github.com/majek/csiphash/

Solution inspired by code from:

Samuel Neves (supercop/crypto_auth/siphash24/little)
djbb (supercop/crypto_auth/siphash24/little2)
Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)
strtod and dtoa

---------------
The file :file:`Python/dtoa.c`, which supplies C functions dtoa and
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----
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cfuhash
-------

The implementation of the hash table used by the :mod:`tracemalloc` is based on the cfuhash project::

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libmpdec
--------

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::::::::::::::
Lib/statistics.py
::::::::::::::

## Module statistics.py

##

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

version 1.2.8, April 28th, 2013

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Appendix C

Licensing Information for Other Oracle Products

Oracle Tuxedo Third-Party Notices and/or Licenses

Oracle Tuxedo Prerequisites, Entitled Products, and Restricted Use Licenses

Oracle Tuxedo provides the foundation for the Oracle Tuxedo product family. Oracle Tuxedo includes the following components:

- Oracle Tuxedo Server
- Oracle Tuxedo Standalone Clients

Add-on Products for Oracle Tuxedo

The Oracle Tuxedo product family consists of the following add-on products. Some of these products are included in the Oracle Tuxedo installer, however, a license to Oracle Tuxedo does not include a license to these add-on products. A license to Oracle Tuxedo is a prerequisite to license and use each add-on product.

Tuxedo Server Components

Oracle Tuxedo Jolt provides Java-based client API to access the Oracle Tuxedo application services extending functionality of existing Oracle Tuxedo applications to Intranet- and Internet-wide availability. The Jolt client API can be used in standalone mode or from within an application server, such as Oracle WebLogic server.

Oracle Tuxedo Jolt consists of two components: Oracle Tuxedo Jolt server and Oracle Tuxedo Jolt client. Oracle Tuxedo Jolt must be separately licensed for each computer where the Oracle Tuxedo Jolt server component is installed. A license to Oracle Tuxedo Jolt includes the Tuxedo Jolt client software.

- Oracle Services Architecture Leveraging Tuxedo (SALT)
  Oracle SALT enables access to Oracle Tuxedo services as web services as well as enables Oracle Tuxedo applications to access Web services hosted outside of the Oracle Tuxedo domain.

- Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)
  Oracle TSAM monitors and manages system servers, application servers, and application transactions. A license to Oracle TSAM Plus is required for each computer that you want to monitor and manage using Oracle TSAM Plus. A license to Oracle TSAM Plus entitles you to run one or more instances of TSAM Plus Manager component on the computer.
A license to Oracle TSAM Plus includes a license to the plugin for Oracle Enterprise Manager Cloud Control (OEM CC) 12c to manage one Oracle Tuxedo node.


- **Oracle Tuxedo JCA Adapter**
  Oracle Tuxedo JCA Adapter enables bi-directional access between Tuxedo services and Java Enterprise Edition (Java EE) application servers.

  Oracle Tuxedo JCA Adapter must be licensed on the node which is running the Java EE application server, and which is communicating with Oracle Tuxedo Services.

- **Oracle Tuxedo Mainframe Adapters (SNA and TCP)**
  Oracle Tuxedo Mainframe Adapters (SNA and TCP) provide bi-directional and transactional connectivity between Oracle Tuxedo and CICS/IMS services running on IBM or Unisys mainframes. These adapters support automatic data conversion to and from HOST formats.

- **Oracle Tuxedo Application Runtime (ART) for CICS and Batch**
  Oracle Tuxedo Application Runtime (ART) for CICS and Batch supports rehosting of IBM CICS and batch mainframe applications to Oracle Tuxedo. It provides a combination of APIs and services that allows OLTP and Batch mainframe applications to run unchanged, preserving investment in business logic and data.

- **Oracle Tuxedo Application Runtime (ART) for Batch**
  Oracle Tuxedo Application Runtime (ART) for Batch enables rehosting of mainframe batch applications to Oracle Tuxedo running on open systems.

- **Oracle Tuxedo Application Runtime (ART) for IMS**
  Oracle Tuxedo Application Runtime (ART) for IMS supports IBM IMS TM mainframe applications rehosted to Oracle Tuxedo.

- **Oracle Tuxedo Application Rehosting (ART) Test Manager**
  Oracle Tuxedo Application Rehosting (ART) Test Manager is a tool for managing and automating testing of rehosted CICS, IMS, and Batch applications running on Tuxedo Application Runtimes.

  If licensing by Processor, the number of licenses to ART Test Manager must match the number of licenses to the associated Oracle Tuxedo Application Runtime (CICS & Batch, IMS or Batch). In the case where the programs are licensed at different times, the number of Processor licenses may not match due to variance in core factors between the times the respective programs were licensed.

  In that case, the number of cores used to determine the number of licensed processors of ART Test Manager must match the number of cores used to determine the number of licensed processors of Oracle Tuxedo Runtime (CICS & Batch, IMS or Batch).

- **Oracle Tuxedo Advanced Performance Pack**
  Oracle Tuxedo Advanced Performance Pack consists of following features:
• Routing of all Oracle Database (Database) requests from a global transaction to same Oracle Real Application Cluster (RAC) instance using XA affinity and common XID
• Automatic, real time load balancing across available RAC, Database nodes
• Auto failover/failback across RAC and Database nodes
• Auto SPINCOUNT tuning
• Shared memory queues
• Efficient Transaction Table Locking

The number of licenses to Oracle Tuxedo Advanced Performance Management Pack must match the number of licenses to Oracle Tuxedo.

Independent Products

The following products in the Oracle Tuxedo product family are separately licensed without any dependency on any other products.

• Oracle Tuxedo Application Rehosting Workbench
  Oracle Tuxedo Application Rehosting Workbench is used for mainframe application rehosting.

• Oracle Tuxedo Message Queue
  Oracle Tuxedo Message Queue is an enterprise messaging product. Oracle Tuxedo Message Queue must be licensed for each node it is installed on.

• Oracle Tuxedo Optimizations for Exalogic Elastic Cloud Software
  The following sections describe the following Oracle Tuxedo optimizations for Oracle Exalogic Elastic Cloud Software:
  • Oracle Tuxedo Optimization for Inter-node Communication
    Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to provide inter-node communication within an Oracle Tuxedo domain.
  • Socket Direct Protocol for Exalogic Elastic Cloud Software
    Oracle Exalogic Elastic Cloud can be configured to utilize the socket direct protocol for Oracle Tuxedo network channels and Oracle Database connectivity.
  • Oracle Tuxedo Optimization for Lock Mechanism
    Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to tune the bulletin board lock mechanism in an Oracle Tuxedo domain.

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