

## PITSS.CON Source Control

### Oracle development completely organized in a central repository

With PITSS.CON Source Control (PITSS.CON SC), files of any type and size are optimally managed, organized, and protected. Specifically designed for Oracle development, PITSS.CON Source Control has all the features needed to keep sources secure – without the complications and administrative hassle of traditional configuration management systems. Thanks to the power of its Oracle-based technology, PITSS.CON Source Control safely manages files of any type or size: software sources, documents, and even entire Oracle database schemas. This enables project teams to fully control the entire development process, mediating changes and keeping all project artifacts in a single, central repository.

#### Software configuration management made easy

We have made Source Control so easy and intuitive that it is no longer reserved for only a few computer specialists. Tasks like checking in, freezing an application, and restoring past versions, as well as copying, branching, or sharing files are easily and safely accessible in Source Control to all the contributors of a project, under granular access rights defined for individual users, projects, and subprojects. This is because, in order for a project to succeed, it often takes more than simply storing snippets of code on various devices. What we need is to easily manage and accurately document the changes that occur in all project artifacts, including requirements, manuals, source code and, for database development, even whole database schema definitions. PITSS.CON Source Control takes over these file organization and administration needs.

#### Any file type – even Oracle database schemas

Saving the database work at the end of the day or project phase is as easy as a mouse click. PITSS.CON Source Control automatically connects to the database schema, searches for any modified objects, and then checks in the corresponding data definition. In this way, any past version of a file can be safely restored, no matter its type: Forms, Reports, documents, text files, database objects, etc. Moreover, PITSS.CON Source Control can generate the definition of any past version of a full database schema by producing a schema script. This script can be easily included in a product build or deployment process afterwards.

#### Fully integrated with PITSS.CON

PITSS.CON Source Control can be used either as a stand-alone product or as a fully integrated extension to PITSS.CON, which offers a complete development environment for Oracle Forms and Reports applications. Modules can be checked out from PITSS.CON Source Control, developed with PITSS.CON, and then checked in again and documented using PITSS.CON Source Control.

#### Performance, safety, security, scalability

PITSS.CON Source Control offers performance and ease of use while taking advantage of the safety, security, and scalability inherent in the Oracle database. The Oracle-based technologies and web browser allow teams distributed on different continents or users working from home to have instant access to the necessary documents and sources. This assures a fast overview of all project objects and file versions, no matter how big the repository becomes over time.

#### PITSS.CON Data Sheet

Technology Base  
Development  
Visual Design  
Multi-Language  
Application Analysis  
Application Engineering  
Forms to APEX  
Forms to ADF  
Forms Upgrade  
Source Code Analytics  
**Source Control**

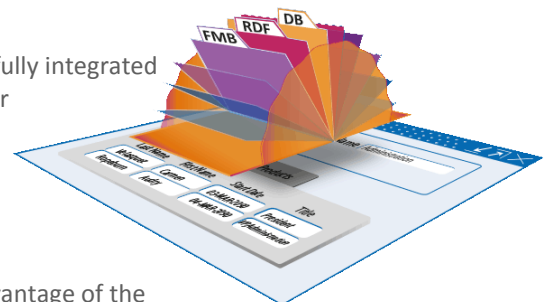
▶ **Centralize the management** of all project sources and improve team collaboration.

▶ **Check in Oracle DB objects** such as tables, views, stored packages and many more.

▶ **Control the development** and change process and keep everything flowing smoothly.

▶ **Automate the build process**, compiling and deploying code sources at the push of a button.

▶ **Start right away**, without extensive training or full-time, dedicated administrator.

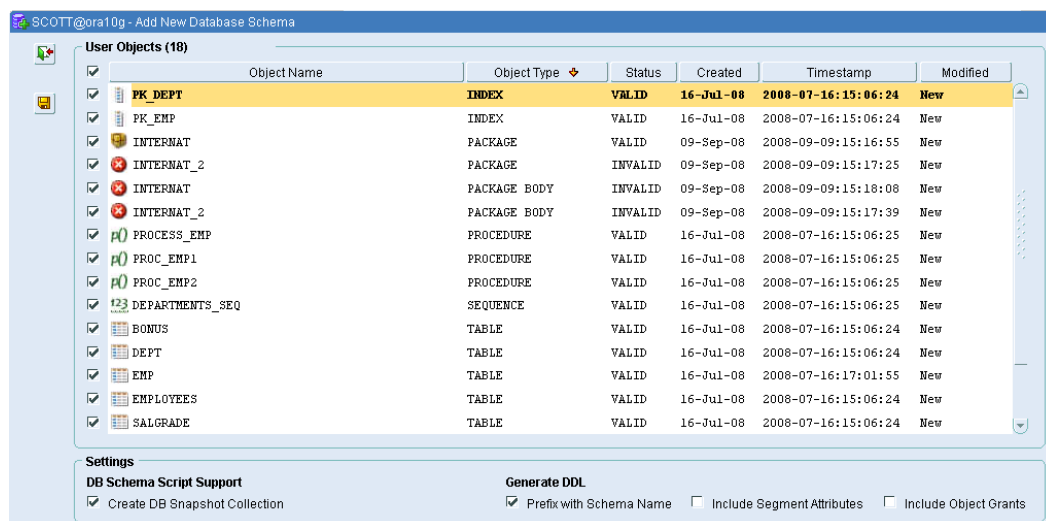


PITSS.CON is Oracle endorsed for the modernization of Oracle Developer applications

## PITSS.CON Source Control at a glance

Access rights can be customized for individual files, projects, users, or action types: developers can define projects, releases, subprojects, or collections of files, logically managing any virtual set of source files that represents a specific application version or release. This is particularly relevant for large development teams, in which individual members are allowed to access and modify only the modules specified in the security definitions.

The management of Oracle database objects is an important part of an Oracle project. Traditionally, database development has been managed by saving, from time to time, the database scripts associated with various database objects. However, managing these scripts and integrating them into the whole product process was difficult, as it often incurred synchronization challenges. PITSS.CON Source Control manages both product files as well as database scripts in a common repository. This approach simplifies the development, test, build and deploy processes, eliminating any synchronization risks.



Object Name	Object Type	Status	Created	Timestamp	Modified
PK_DEPT	INDEX	VALID	16-Jul-08	2008-07-16:15:06:24	New
FK_EMP	INDEX	VALID	16-Jul-08	2008-07-16:15:06:24	New
INTERNAT	PACKAGE	VALID	09-Sep-08	2008-09-09:15:16:55	New
INTERNAT_2	PACKAGE	INVALID	09-Sep-08	2008-09-09:15:17:25	New
INTERNAT	PACKAGE BODY	INVALID	09-Sep-08	2008-09-09:15:18:08	New
INTERNAT_2	PACKAGE BODY	INVALID	09-Sep-08	2008-09-09:15:17:39	New
PROCESS_EMP	PROCEDURE	VALID	16-Jul-08	2008-07-16:15:06:25	New
PROC_EMP1	PROCEDURE	VALID	16-Jul-08	2008-07-16:15:06:25	New
PROC_EMP2	PROCEDURE	VALID	16-Jul-08	2008-07-16:15:06:25	New
DEPARTMENTS_SEQ	SEQUENCE	VALID	16-Jul-08	2008-07-16:15:06:25	New
BONUS	TABLE	VALID	16-Jul-08	2008-07-16:15:06:24	New
DEPT	TABLE	VALID	16-Jul-08	2008-07-16:15:06:24	New
EMP	TABLE	VALID	16-Jul-08	2008-07-16:17:01:55	New
EMPLOYEES	TABLE	VALID	16-Jul-08	2008-07-16:15:06:24	New
SALGRADE	TABLE	VALID	16-Jul-08	2008-07-16:15:06:24	New

Figure: Managing database objects with PITSS.CON Source Control

## PITSS.CON SC:

► Provides safety through Oracle backups and security so that applications and intellectual property are optimally protected.

► Supports virtually any Oracle database object, as PITSS.CON Source Control uses Oracle's own metadata processes.

► Comprehensive reports allow a complete control over each project artifact. Easily customized, they offer the desired depth of information, such as a quick overview of the development history or a complete list of all the changes performed for a selected file or project.

## About PITSS

PITSS is the leading provider of software & services for modernizing and effectively managing Oracle applications.

The PITSS Group was established in 1999 and has gained international recognition with over 1,000 customers and a multitude of successful Oracle projects. PITSS is an Oracle Gold partner and, as a member of the Oracle Modernization Alliance (OMA), is the only Oracle Forms Migration partner for automated migrations. With sites in Stuttgart, Munich (Germany) and Troy (USA) as well as certified international partners, the company successfully provides support for IT projects of medium sized companies, large enterprises and public contractors across the globe.

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