PL/SQL Starter Framework

Release Notes

# Release 2.0 (April 2010)

## Scripts

* Fixed install scripts to operate more smoothly, and work on 11g.

## Packages

### API\_APP\_LOG

* Minor bug in text being concatenated into the log text. Now wrapping line\_num with TO\_CHAR.
* Added COMMIT to the trim table API.

### TYP

* Expanded mime type subtype to 100 chars.

### UTIL

* str\_to\_bool: added support for converting NULL
* num\_to\_bool: improved handling of non-zero numbers
* Minor fixes to some mime types in get\_mime\_type and get\_otx\_doc\_type.

### EXCP

* Changed the signature of the assert() routine, removing need to pass in the calling routine name. Sorry.
* Revamped any framework packages that were relying on the old assert signature, removing their need for a local name variable in each as well, simplifying things.

### STR

* Added two new string-related constants: NUL and LFCR.
* Added the string centering function, named ctr()

### MAIL

* store\_mail and send\_mail: Fixed bug in i\_attach parameter in that the default needed to be NULL, not EMPTY\_CLOB().
* Store\_mail: fixed bug, now checks for length of the attachment, ensuring it is greater than zero.

### IO

* Fixed side effect of 9i bug in get\_file\_props().

### ENV

* Added vld\_path\_format, set\_app\_cd()
* Added more useful and shorter tag() and untag(). If module, action and info aren't passed, they'll be filled automatically with the PL/SQL unit/package, routine and line number respectively.

### LOGS

* Clarified set\_dbg() comments.
* Added the 10g backtrace functionality to the main msg routine.
* With the enhancement to the env package to get the caller's metadata, was able to add the ability of these logging routines to get their own caller, rather than needing it passed in all the time. So routine name and line num are now very much optional parameters.

### DT

* Added UNIX\_EPOCH constant, dt\_to\_epoch and epoch\_to\_dt functions.
* Rearranged the order of the parameters in get\_time\_diff\_str to match that of its complement, get\_time\_diff.

### DDL\_UTILS

* Corrected several bugs in reset\_seq()
* Fixed side effect of 9i bug in analyze\_table()
* Added MATERIALIZED\_VIEW as one of the object types visited by recompile()

### APP\_ENV

* Added app\_version column to track which application version is running on the associated environment.

## New Objects

* Added standalone drop\_all\_obj, meant to be compiled in schema with SYSDBA privs. Can drop all objects from a named schema.

## Sample Application(s)

* Added the reports1.sql and reports2.sql scripts which were used at IOUG 2010 and UTOUG TD 2010 to demonstrate the benefits of developing with a PL/SQL framework.

## Test Suite

* Updated to work with package changes. Note: the test suite works with PL/SQL Developer v7 and higher.