

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.

