Freshtrade PL/SQL Standards

1. As per Brendan’s previous document.
   1. All packages must be named FT\_PK\_
   2. All methods to belong to a package (as much as possible).
   3. A version number cVersionControlNo to be included in the package body.
   4. A version number cSpecVersionControlNo to be included in the package Spec.
   5. A method to return both the version number

FUNCTION CURRENTVERSION (IN\_BODYORSPEC IN INTEGER := 1) RETURN VARCHAR2;

The CONST package contains 2 constants for these

C\_SPEC CONSTANT INTEGER := 1;

C\_BODY CONSTANT INTEGER := 2;

* 1. A readme file to be included with each package listing the changes made with the most recent at the top. Examples in the Bit Bucket repository.

1. Use the RECORD\_NUMBERS global type to pass in multiple keys from Paradox.
2. Use the standard error package FT\_PK\_ERRORS & FT\_PK\_ERRNUMS to raise and log errors to the error table FT\_ERROR\_LOG.
3. No hardcoding of constants use the CONST package instead.

Shared utility packages:

* FT\_PK\_DB\_UTILS

A container for database utility methods; to include wrappers for database specific commands like USER\_OBJECTS etc.

* FT\_PK\_SESSION\_UTILS

A package to return Freshtrade or Oracle session information. Current methods for returning the Freshtrade logon and Oracle SID.

* FT\_PK\_STRING\_UTILS

String utilities.

* FT\_PK\_UTILS

A package for generic Freshtrade utilities. Currently holds a utility for retrieving system preferences.

Other packages with brief overview:

* FT\_PK\_ACCOUNTS – methods for retrieving accounts (customers/suppliers) information
* FT\_PK\_AUTOCOSTING – all methods related to the auto costing process.
* FT\_PK\_COST\_WRITES – central repository for writing EXPCHA/ITECHG updates.
* FT\_PK\_COSTING – methods related to the costing module/ automatic costing.
* FT\_PK\_GETSALES – methods relating to the population of the sales breakdown table DPRSTOLOTS.
* FT\_PK\_GOODS\_COSTS – methods relating to the automatic calculation of goods cost: Goods Agreed After.
* FT\_PK\_PRODUCTS – methods for retrieving product information.
* FT\_PK\_PROFITISELOTS – methods relating to the maintenance of the profitise flags held in LOTPROFITSALOFF table.
* FT\_PK\_RETURNPRICES – methods for accessing return price information.
* FT\_PK\_SALES – methods for accessing sale information.
* FT\_PK\_TRANS\_COSTS – methods for maintaining the table TRANSFERADDCHGS used for apportioning transhipment costs back to the PO.
* FT\_PK\_SALES\_COSTS – methods related to maintaining and apportionment of ad hoc sales charges.
* FT\_PK\_WO\_COSTS – methods for maintaining the product cost on works orders where the bulk product cost has been updated.

Useful Views

* FT\_V\_PO – holds PO information. Internal field names.
* FT\_V\_PO\_VIEW – holds PO information. Friendly field names.
* FT\_V\_DLV – holds DLV information. Internal field names.
* FT\_V\_DLV\_VIEW – holds DLV information. Friendly field names.
* FT\_V\_RTE – holds basic route information. Internal names.
* FT\_V\_COSTS – holds cost information. Internal names.
* FT\_V\_PROFITPERLOT – gives a breakdown of sales and costs by lot.
* FT\_V\_DPRSTOLOTS – gives sales information broken by PO.

This is not a complete list of view or packages.