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1 CREATE OR REPLACE PACKAGE ADD_ORs.ADD_BATCHJOBS AS
2 /*****
3     NAME:          ADD_BATCHJOBS
4     PURPOSE:
5     REVISIONS:
6     Ver           Date           Author           Description
7     -----
8     2.0           4/24/2011      SCK           Added procedure to execute batch group
9 *****/
10     SUBTYPE cmx_rowid IS CHAR( 14 );
11     SUBTYPE cmx_med_str IS VARCHAR2( 2000 );
12     SUBTYPE cmx_big_str IS VARCHAR2( 8000 );
13     SUBTYPE cmx_table_name IS VARCHAR2( 30 );
14     SUBTYPE cmx_column_name IS VARCHAR2( 30 );
15     SUBTYPE cmx_data_value IS VARCHAR2( 1000 );
16     SUBTYPE cmx_object_name IS VARCHAR2( 128 );
17     SUBTYPE cmx_object_desc IS VARCHAR2( 255 );
18     SUBTYPE cmx_system_name IS VARCHAR2( 50 );
19     SUBTYPE cmx_status_msg IS VARCHAR2( 1024 );
20     SUBTYPE cmx_date_string IS VARCHAR2( 100 );
21     SUBTYPE cmx_user_name IS VARCHAR2( 50 );
22     SUBTYPE cmx_single_char IS VARCHAR2( 1 );
23     SUBTYPE cmx_job_id IS CHAR( 14 );
24     SUBTYPE cmx_error_code IS INT;
25     SUBTYPE cmx_error_message IS VARCHAR2( 4000 );
26
27     -- constants for job status, c_repos_job_status_type
28     SUCCESS                INT := 0;
29     WARNING                INT := 1;
30     PROCESSING             INT := 2;
31     FAILED                 INT := 99;
32     INCOMPLETE             INT := 4;
33     CLEANSE_JOB_FAILED     EXCEPTION;
34     LOAD_JOB_FAILED        EXCEPTION;
35     MATCHMERGE_JOB_FAILED  EXCEPTION;
36     DDL_ERROR              EXCEPTION;
37     SQL_DDL_ERROR          EXCEPTION;
38     JOB_NOT_VALID          EXCEPTION;
39     NO_INDEX_START_TABLE_NAME  EXCEPTION;
40     BAD_PARAMETER          EXCEPTION;
41     GLOBAL_INITIALIZATION_FAILED EXCEPTION;
42     READ_CONFIG_FILE_FAILED EXCEPTION;
43     GENERIC_ERROR          EXCEPTION;
44
45     out_error_code          cmx_error_code;
46     out_error_message       cmx_error_message;
47
48     -- Global variables
49     job_print_out           BOOLEAN := true;    -- print messages to console/log file?
50     job_print_debug         BOOLEAN := true;    -- print messages to the siperian
51     debug log
52
53     -- Procedure to print to console or siperian debug log
54     PROCEDURE x_print (in_msg VARCHAR2);
55
56     --- Generic procedure to initialize all global variables ---
57     PROCEDURE global_initialize(
58         in_host_name          VARCHAR2,
59         in_tns_name           VARCHAR2,
60         in_db_user            VARCHAR2,
61         out_error_code         OUT          cmx_error_code,

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62         out_error_message          OUT          cmx_error_message );
63
64     -- Control Procedure to execute Stage, Load, Match and Merge jobs --
65     PROCEDURE exec_mrm_process(
66         in_base_table_name  IN   VARCHAR2,
67         in_stg_table_name   IN   VARCHAR2,
68         in_job_type         IN   VARCHAR2,
69         in_host_name        IN   VARCHAR2,
70         in_tns_name         IN   VARCHAR2,
71         in_db_user          IN   VARCHAR2,
72         out_error_code      OUT   cmx_error_code,
73         out_error_message   OUT   cmx_error_message );
74
75     --- Generic procedure to run Stage jobs ---
76     PROCEDURE run_cleanse(
77         in_table_name              VARCHAR2,
78         out_error_code             OUT   cmx_error_code,
79         out_error_message          OUT   cmx_error_message );
80
81     --- Generic procedure to run Load jobs ---
82     PROCEDURE run_load(
83         in_table_name              VARCHAR2,
84         in_force_update_ind        INT,
85         out_error_code             OUT   cmx_error_code,
86         out_error_message          OUT   cmx_error_message );
87
88     --- Generic procedure to run Match and Merge jobs ---
89     PROCEDURE run_matchmerge(
90         in_table_name              VARCHAR2,
91         in_match_set               VARCHAR2,
92         out_error_code             OUT   cmx_error_code,
93         out_error_message          OUT   cmx_error_message );
94
95     PROCEDURE process_load(
96         in_table_name              VARCHAR2,
97         out_error_code             OUT   cmx_error_code,
98         out_error_message          OUT   cmx_error_message );
99
100    PROCEDURE process_stage(
101        in_table_name              VARCHAR2,
102        out_error_code             OUT   cmx_error_code,
103        out_error_message          OUT   cmx_error_message );
104
105    PROCEDURE process_matchmerge(
106        in_table_name              VARCHAR2,
107        out_error_code             OUT   cmx_error_code,
108        out_error_message          OUT   cmx_error_message );
109
110    PROCEDURE execute_batchgroup(
111        in_mrm_server              VARCHAR2,
112        in_batch_group             VARCHAR2,
113        in_autosys_id              VARCHAR2,
114        in_autosys_password        VARCHAR2,
115        out_error_code             OUT   cmx_error_code,
116        out_error_message          OUT   cmx_error_message );
117
118    END;
119    /
120

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