BR_Project – Project Services

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SCOPE

This module must be used anywhere information about a Project is created, updated or needs to be retrieved. This includes Project:

- Identity and status
- Required HRE version
- Required installed plug-ins
- User Settings
- GUI Settings
- Recent Values
- Sessions
- Backups
- Error logs
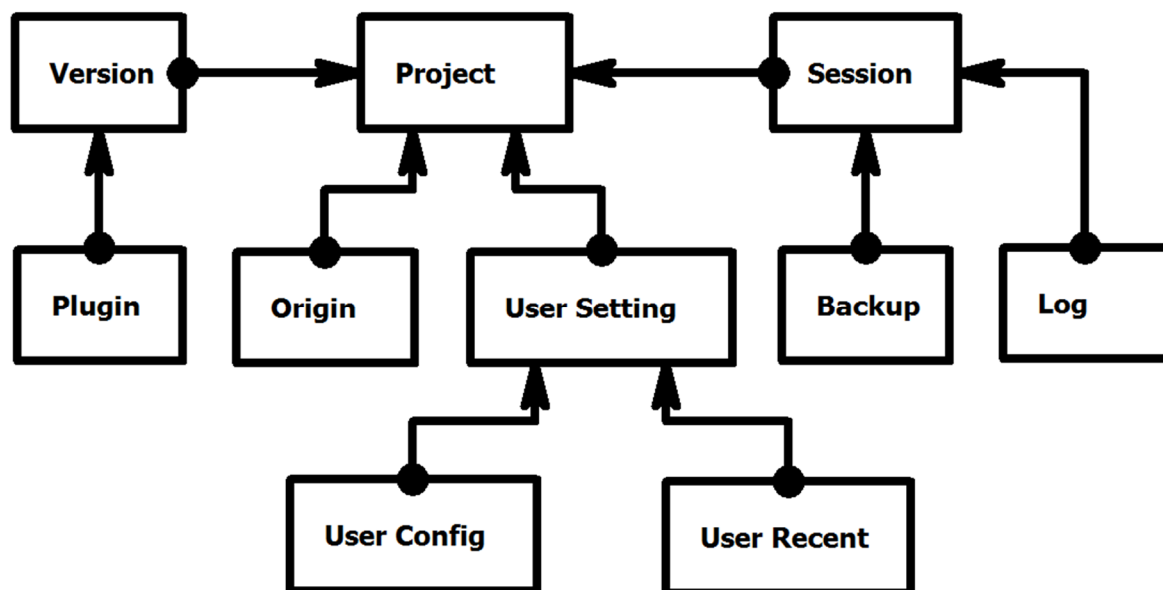- Import origins of the records.

ACTIONS

1. <u>To define or modify the properties and settings of a Project</u>: Create, Edit, Save, Select, Store properties about the project
2. <u>To retrieve and manage the current setting</u> of a project as used by each user.

USED BY

1. Any GUI with a "Configure" command button
2. Any Field that has a recent values list.

DATA CONTROLLED BY THIS MODULE

1. **Project** Table: One record per Project

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is Project_ID**
LABEL_ID	INT8 NOT NULL	Label HRE ID for translated label of this Project

DESCRP_ID	INT8	Description HRE Translation ID
OWNER_ID	INT8	HRE_User_ID of Project Owner
PROJ_GRP_ID	INT8	HRE_Project Group ID (for future use)
ORIGIN_ID	INT8	HRE Origin ID
CREATED_DATE	DATETIME	Date of Project Creation

The PRIMARY INDEX of this table is the HRE_ID. (Project)

2. **Version** Table: One record for each use of a Panel Configuration

SQL_FIELD NAME	SQL_FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is Version_ID**
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
HRE_VLBL_ID	INT8 NOT NULL	Label HRE ID for translated label of required HRE Version
HRE_VCODE	VARCHAR()	HRE text form of version identification

The PRIMARY INDEX of this table is the HRE_ID. (Version)

3. **Plugin** Table: One record per required Plugin

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is Plugin_ID**
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
PLUGIN_VLBL_ID	INT8 NOT NULL	Label HRE ID for translated label of required plugin Version
PLUGIN_VCODE_ID	VARCHAR()	HRE text form of plugin version identification

The PRIMARY INDEX of this table is the HRE_ID. (Plugin)

4. **Origin** Table: One record for each new origin of imported or batch loaded data

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is Origin_ID**
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
ORIGIN_ID	INT8 NOT NULL	Label HRE ID for translated description of imported or batch loaded data
LOADED_DATE	DATETIME	Date of data loading
LOADED_BY	INT8 NOT NULL	HRE User ID of User who loaded the data

The PRIMARY INDEX of this table is the HRE_ID. (Origin)

5. **Session** Table: One record per use (open and close) of this Project

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is Session_ID**
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
USER_ID	INT8 NOT NULL	HRE User ID of User who used the Project
WHERE_FROM	INT8 NOT NULL	HRE Server Location ID
START_DATE	DATETIME	When Project was opened
CLOSE_DATE	DATETIME	When Project was closed
FIRST_COMMIT_ID	INT8	HRE_ID of first database commit in this Session
LAST_COMMIT_ID	INT8	HRE_ID of last database commit in this Session
SHARING	INT4	0 = Only user, 1 = more than one concurrent user

The PRIMARY INDEX of this table is the HRE_ID. (Session)

6. **Backup** Table: One record per Backup per backup created in a Session

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is Backup_ID**

SQL FIELD NAME	SQL FIELD TYPE	NOTES
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
USER_ID	INT8 NOT NULL	HRE User ID of User who used the Project
SESSION_D	INT8 NOT NULL	HRE User ID of the parent Session
BACKUP_DATE	DATETIME	Time of completion of the backup
BACKUP_FILE	VARCHAR()	Backup file name
BACKUP_LOCATION	VARCHAR()	Backup file location

The PRIMARY INDEX of this table is the HRE_ID. (Backup)

7. **Session Log** Table: One record per Log created in a Session

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		HRE_ID is SessionLog_ID
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
USER_ID	INT8 NOT NULL	HRE User ID of User who used the Project
SESSION_D	INT8 NOT NULL	HRE User ID of the parent Session
LOG_DATE	DATETIME	Time of starting a log
LOG_TYPE	INT8 NOT NULL	HRE_ID of Log Type
LOG_ID	INT8 NOT NULL	HRE_ID of an internal Log (like the Change Log)
LOG_FILE	VARCHAR()	Log file name (used for external text logs)
LOG_LOCATION	VARCHAR()	Log file location (used for external text logs)

The PRIMARY INDEX of this table is the HRE_ID. (SessionLog)

8. **User Setting** Table: One record for each User of this Project

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		HRE_ID is UserSetting_ID
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
USER_ID	INT8 NOT NULL	HRE User ID
VIEWPOINT_ID	INT8 NOT NULL	The current HRE Viewpoint ID
AUTO_FOCUS_ID	INT8 NOT NULL	The HRE ID for the updating focus Summary
FIXED_FOCUS_ID	INT8 NOT NULL	The HRE ID for the fixed focus Summary

The PRIMARY INDEX of this table is the HRE_ID. (UserSetting)

9. **User Config** Table: One record for each GUI screen that has a "Configure" setting or selection command button. This table is where the current Configure setting is specified as the currently active one.

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		HRE_ID is UserConfig_ID
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
USER_ID	INT8 NOT NULL	HRE User ID
USER_CONFIG_ID	INT8 NOT NULL	HRE_ID of the parent User Config
GUI_SCREEN_ID	INT8 NOT NULL	HRE GUI Screen ID
CONFIG_ID	INT8 NOT NULL	The currently active Panel_Config HRE_ID

The PRIMARY INDEX of this table is the HRE_ID. (UserConfig)

10. **User Recent** Table: One record for each field that has a recently used value list.

SQL FIELD NAME	SQL FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		HRE_ID is UserRecent_ID
PROJECT_ID	INT8 NOT NULL	Parent HRE Project ID
USER_ID	INT8 NOT NULL	HRE User ID
RECENT_ID	INT8 NOT NULL	The currently active Panel_Config HRE_ID

The PRIMARY INDEX of this table is the HRE_ID. (UserRecent)

REQUIRED SERVICES
1. BR_GuiElement
2. BR_EntityLink
3. BR_Translation
4. BR_FieldTranslation.

WARNING CONDITIONS
1. Need details of the condition that raised the warning, example message and possible next steps.

ERROR CONDITIONS
1. Need to record the condition that raised the error, example message and possible next steps.