

## 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

For requests from the GUI for Project main menu items:

1. Project New – create an empty new project with a unique name
2. Project Open – open a selected Project
3. Project Recent – provide a list of recent Projects
4. Project Copy As – create a duplicate of the currently selected project with a unique name
5. Project Rename – rename the currently selected project
6. Project Backup – selectively backup the currently selected project to an external file
7. Project Restore – selectively restore the external file to a project of the same name
8. Project Delete – delete the currently selected project
9. Project Import – import an external project from the selected external file source into the currently created new project (uses a plugin to import files of a different data encoding)
10. Project Export – export the currently selected project (uses a plugin to export the currently selected project to encode the exported data to the selected format).

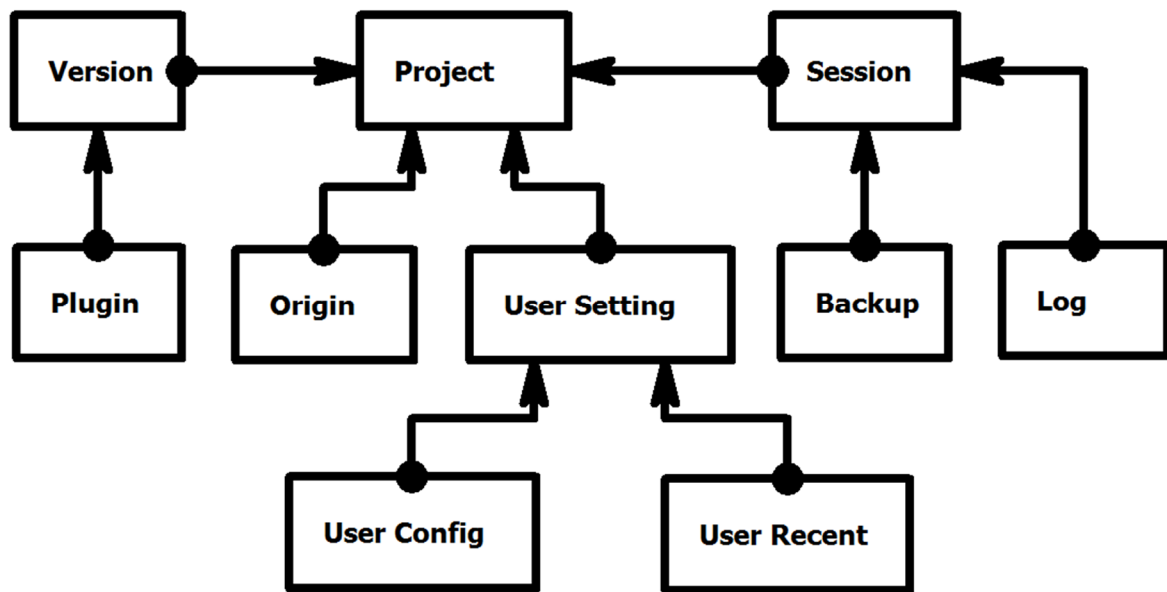
For requests from other modules:

11. To define or modify the properties and settings of a Project: Create, Edit, Save, Select, Store properties about the project
12. To retrieve and manage the current setting of a project as used by each user.

### USED BY

1. Any Project main menu item
2. Any Module that needs to discover or update the status of a project.

### DATA CONTROLLED BY THIS MODULE



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

SQL FIELD NAME	SQL FIELD TYPE	NOTES
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is Project_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is Version_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is Plugin_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is Origin_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is Session_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is Backup_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is SessionLog_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is UserSetting_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is UserConfig_ID</b>
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
<b>HRE COMMON FIELDS FIRST</b>		<b>HRE_ID is UserRecent_ID</b>
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\_FieldDefinition.

## 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.