

BR_Flag – Flag Services

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SCOPE

This module must be used to operate with Flags. It provides services to create, edit, retrieve and delete Node, Link and Entity Flag Definitions and edit Node and Link Entity Flags. Flags are integer fields where the states have labels. They are fields that store the current state of a flag and are 1:1 related to a parent Node or Link Object instance. All objects of the same type all have the same list of Flag fields. The list of Flags for a specific Node or Link type is controlled by the Flag Definitions list. Flags belong to one of two classes, Internal Flags, or Custom Flags. Internal Flags can only be created by HRE Version Manager, while Custom Flags can be created by a user with appropriate rights.

NOTE: All actions below must be aware of the GUI-Language, the User Data Entry Language and the Report Language.

ACTIONS

For Flag Definitions of a particular type of Node or Link Entity focus, on request:

1. Create a new Flag Definition
2. View or Edit the Flag Definition
3. Check the syntax of a Flag Definition
4. Check that data entry field values match required field formats
5. Check before deleting a Flag Definition that no Flag data uses that Flag Definition.

For Flag Instances of a particular type and Entity focus, on request:

1. Allocate storage for a new Flag Definition and preset it with default values
2. Allow editing of individual Flag values
3. Retrieve a defined subset of the Flag values for a specified Node or Link Entity instance
4. Return a list of IDs of objects of a specified Node or Link Entity type with a Flag instance that has a specific value
5. Whenever a new instance of the parent type is created then automatically preset the Flag values with their default values.

USED BY

1. Any GUI screen that operates on Flag Definitions or Flag Instances.

AUXILIARY DATA USED

1. FlagDefn DBT
2. FlagDefnValidate DBT.

REQUIRED SERVICES

1. BR_EncodedString
2. BR_Grammar
3. BR_EntityLink
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.

