BR_Notepad – Notepad Services

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SCOPE

This module must be used to operate with Notepads. It provides services to create, edit, retrieve and delete Node and Link Entity Notepad Definitions and Node and Link Entity Notepads. Notepads are fields that can store string data that is encoded in a number of formats. They are 1:1 related to a parent Node or Link Object instance. All objects of the same type all have the same list of Notepad fields. The list of Notepads for a specific Node or Link type is controlled by the Notepad Definitions list. Notepads belong to one of two classes, Internal Notepads, or Custom Notepads. Internal Notepads can only be created by HRE Version Manager, while Custom Notepads 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 Notepad Definitions of a particular type of Node or Link Entity focus, on request:

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

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

1. Allocate storage for a new Notepad Definition and preset it with unset values.
2. Allow editing of individual Notepad values
3. Retrieve a defined subset of the Notepad 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 Notepad instance that has a specific value
5. Whenever a new instance of the parent type is created then automatically preset the Notepad values with their default values. NOTE: Custom Notepads only have storage allocated to a value if the value is specifically set. The returned value for an unset value is "_" (a single underscore).

USED BY

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

AUXILARY DATA USED

1. NotepadDefn DBT
2. NotepadDefnValidate 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.