GUI_SubstitutionDelete – Substitution Delete

Revision history

2017-03-09	Robin Lamacraft	Original draft
2018-06-07	Rod Thompson	Replace 'screen' with 'window' Replace BR_PanelConfig with BR_WindowConfig Replace GUI_PanelConfigEdit with GUI_Select Configuration

SCOPE

This GUI module displays a window to delete a Substitution. This window does not extend its scope beyond ensuring that no data depends on the existence of this Substitution.

LOOK AND FEEL

The window has 4 horizontal parts:
- The <u>heading section</u> shows
  - the HRE-ID
  - the name of the Substitution (if it has one)
  - the Usage Type of the Substitution
  - the Encoding Type.
- A <u>collection of buttons</u> including "Configure", "Delete", "Apply", "Cancel" and "Output":
  - "Configure" opens a window that allows the creation and re-use of window content and layout
  - "Delete" starts a search to check that it is possible to delete Substitution without causing inconsistency in the database (A local Substitution, like a Sentence can be deleted via single check, but an application original global Substitution cannot be deleted):
    - This search lists on the window the other objects that require the Substitution to continue to exist
    - The resultant <u>scrollable table</u> has columns HRE-Id, Object Type, Object Name (if it has one)
    - This search has 2 possible outcomes:
      - "Apply" is enabled on clicking it as no dependent objects were found. "Apply" removes the Substitution
      - "Output" - If there are other objects that require the Substitution to continue to exist, then "Output" can save this list for analysis as a file or to print it. There may be several reasons the Substitution can't be removed.
    - "Cancel" does not delete the Encoded Link.

[Needs a mockup diagram here]

ACTIONS

The fundamental operations are:
1. Open Window according to its saved Window Layout (BR_WindowConfig)
2. Populate the property editor pane with values for the selected object
3. Populate the heading
4. Perform the search
5. Delete the Entity
6. Output the result of the search.

USED BY:

1. All links (not objects) that have "Edit" entries in the menu use this GUI_SubstitutionDelete as their dependent coding.
2. Almost any link type that is project-oriented or application-oriented has a GUI_SubstitutionDelete variant. Because these GUI elements create mouse and keyboard events each of these GUI windows must have unique identities. This means that the basic window layout can be defined as an abstract class where each separate real class contains the object type specific code when listening for its specific events to act upon.

DATA CONTROLLED BY THIS MODULE
None.

REQUIRED DATA CONTROLLED BY OTHER MODULES
HRE-ID.

REQUIRED SERVICES
1. GUI_Select Configuration
2. GUI_FieldTranslationEdit
3. GUI_Output
4. BR_Setting
5. BR_WindowConfig
6. BR_Substitution
7. BR_EntityLink.

APPLICATION PROGRAMMING INTERFACE (API)
1. Need Details.