GUI_SubstitutionSelect – Substitution Select

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SCOPE

Substitutions are used in many places in HRE within Encoded Strings. They identify the value to be inserted into a template before it is displayed on the screen or in a report. They are most commonly used in Sentences, Memos, Output Templates and Filters. This screen is mainly used as an adjunct screen to the editing of templates, etc as it provides the list of legal substitutions for the type of Encoded String. Initially, this GUI_SubstitutionSelect screen lists all objects of that Encoded String Type. Later in the development, once Filters are implemented, a filter may be used to reduce the number of objects that are displayed. This screen allows for the creation of a new Substitution Definition, either from scratch or as a clone of an existing Substitution Definition. It also allows creation of language-based aliases for any substitution. The level of editing may be restricted by the rights of the user.

LOOK AND FEEL

The screen has 3 sections:

- Heading section:
    - The Encoded String Type being selected
    - A collection of command buttons
        - "Configure" to access the configuration alternatives for this screen
        - "Output" to open a screen that will output the contents of the Definitions List as a file or print it. Later, when Subsets are implemented, the rows of tabular screens will each have a checkbox, that will select marked rows for printing, deletion or to create a subset of their HRE-IDs.
- Selected Substitution Group section:
    - This has several text data fields:
        - Substitution Display Group (selection from list). HRE classifies Substitution Definitions into display groups. Typically, in an Encoded String there can be a number of types of Substitutions that are possible (say for parts of a Location, for different Associates of an Event, properties of a Person, singular versus plural, present tense versus past tense or text presentation, etc). A Substitution Display Group can be enabled or disabled. The Display Group Label can be a displayed field within the tabular display and can be sorted on.
    - At its bottom, a collection of action command buttons:
        - "Accept" creates the new Substitution Definition and will automatically open the GUI_SubstitutionEdit screen
        - "Ignore" does not create the new Substitution Definition.
- Definitions List section:
    - At its top, a collection of command buttons:
        - "Add New" creates an empty Substitution Definition with a unique name in the Selected Definition section
        - "Add Clone" copies the selected Substitution Definition with a unique name in the Selected Definition section
        - "Edit" opens the GUI_SubsitutionEdit screen to edit the selected Substitution Definition. This includes creating aliases for the Substitution Definition
        - "Delete" opens the GUI_SubsitutionDelete screen to delete the selected Substitution Definition.
    - A scrollable resizable tabular display with one row per Substitution Definition

- The choice of displayed fields and their format and order is specified in the screen opened by the “Configure” button. Here previously saved configurations can be selected or a new configuration created
- Clicking on a row of the table selects that Substitution Definition
- Double-clicking on a row of the table opens the GUI_SubstitutionEdit screen on that selected definition
- Initially, there will be an ability to sort the rows on one column, but later that feature will be extended to allow sorting on several columns at once.

[Needs a mockup diagram here]

METHODS

The fundamental operations are:

1. Open the Frame according to its saved Frame Layout (BR_PanelConfig)
2. Populate the tabular display with values for the focus type
3. Click on a row to select an object
4. “Output” will save the table as a file or print it.

USED BY:

Any data type using Tags has a GUI-EncodedString variant. Because these are GUI elements that create events which must be directed to the single place where each is acted upon, each of these GUI screens must have unique identities. This means that the basic screen layout can be defined as an abstract class where each separate real class contains the object type specific code when listening for events.

DATA CONTROLLED BY THIS MODULE:

None.

REQUIRED DATA CONTROLLED BY OTHER MODULES:

1. HRE_ID
2. Panel Configuration.

REQUIRED SERVICES

1. GUI_PanelConfig
2. GUI_SubstitutionEdit
3. GUI_SubstitutionDelete
4. GUI_Output
5. BR_Settting
6. BR_UserTranslation
7. BR_PanelConfig
8. BR_EntityLink.

APPLICATION PROGRAMMING INTERFACE (API)

1. Need Details.