GUI_TagDefnEdit – Tag Definition Edit

Revision history

2017-03-19	Robin Lamacraft	Original draft
2018-06-01	Rod Thompson	Amend Required Services 3

SCOPE

This GUI module displays the list of properties of a Tag Definition instance for creation, editing and deletion. A HRE Tag Definition instance defines the properties and provides defaults for other properties for a link between 2 sets of information. It displays the current properties of a Tag Definition. Tag Definitions are grouped together under 7 Tag Purposes.

Scope Variations:

Tag Purpose	Tag Purpose Differences
Associate	An <u>Associate Tag</u> instance links an Entity Node instance to an Event or Task instance as Objects that have a Role in an Even tor Task.
Heading	A <u>Heading Tag</u> instance links a Heading Entity instance to a Node Entity instance. A Heading Tag instance is owned by the Node Entity instance. Delete the selected Heading Tag instance from its parent Node Entity instance (does what????)
Member	A <u>Member Tag</u> instance links an Other Entity Node Type instance to a Group Node Entity instance. This is used to create Groups of Object Instances. NOTE: Groups of Groups of the same type are linked by Related purpose tag links.
Name	A <u>Name Tag</u> instance links a Name Entity instance to a Node Entity instance. A Name Tag instance is owned by the Node Entity instance.
Related Ranked	A <u>Related Ranked Tag</u> instance links together 2 Entity Node instances of the same Entity Type, where the relationship is asymmetrical, that is the description of the relationship depends on the object in focus, e.g. A is <u>son</u> of B, so B is <u>parent</u> of A [as a special case, Events and Tasks can be related using Related Tags].
Related Equally	A <u>Related Equally Tag</u> instance links together 2 Entity Node instances of the same Entity Type, where the relationship is symmetrical, that is the same description of the relationship applies for both objects, e.g. A is a <u>friend</u> of B, so B is a <u>friend</u> of A [as a special case, Events and Tasks can be related using Related Tags].
Citation	A <u>Citation Definition</u> instance defines how any non-Source or Repository Entity can be linked to Source.

LOOK AND FEEL

The frame has 4 sections whose vertical height is adjustable by moveable horizontal dividers:
- <u>Heading</u> section shows:
  - The First Node Entity Type (focus preset – selection available)
  - The Second Node Entity Type (focus preset – selection available)
    - Tag Purpose: (dependent on First and Second Node Entity Types).
- A <u>collection of command buttons</u>
  - "Configure" to select the layout for this screen or create a new layout
  - "Save" to save the changes
  - "Reject" to reject the changes.
- <u>Editing Toolbar</u> section: This is customized depending on the Application Language:
  - At the top there is collection of command buttons:
    - "Add New" – to create a new Tag Definition instance from scratch

- "Add Clone" – to create new Tag Definition instance from currently selected
            - "Edit" – to edit or view the details of the selected Tag Definition instance
            - "Delete" – to delete the selected Tag Definition instance.
- Data Editing section: This is a displayed as a scrollable property editor GUI Element whose fields are configured according to the Tag Purpose and the link end Node Entity types. This Property Editor has 3 columns:
    - Column 1: Name of Field (label field) presented as:
        - Normal as the user initial value
        - Underline when the value has been edited in this view
        - Labels enclosed in "**[**" and "**]**" indicate are read only values.
    - Column 2: Property Value (text field)
    - Column 3: A button to open a special editor if that setting has a format that should not be in-place edited. Typically, this may be GUI_UserTranslationEdit module.

Property Editing Variations:

Tag Purpose	Indicative List of Properties
All Purposes	- Tag Purpose [by selection] - Tag Label [edit] - Tag Abbrev [edit] - Tag Description[edit] - User Data Quality default values [edit] - User Hidden [edit]
Associate	- Event or Task Pattern Definition ID [by selection] - Tag Definition Details ID (Tag Purpose specific record) - Tag Definition Validation ID (Tag Purpose specific record)
Heading	- Node Entity Pattern Definition ID [by selection] - Tag Definition Details ID (Tag Purpose specific record) - Tag Definition Validation ID (Tag Purpose specific record)
Member	- Group Node Entity Pattern Definition ID [by selection] - Tag Definition Details ID (Tag Purpose specific record) - Tag Definition Validation ID (Tag Purpose specific record)
Name	- Node Entity Pattern Definition ID [by selection] - Tag Definition Details ID (Tag Purpose specific record) - Tag Definition Validation ID (Tag Purpose specific record)
Related Ranked	- Node Entity Pattern Definition ID [by selection] - Tag Definition Details ID (Tag Purpose specific record) - Tag Definition Validation ID (Tag Purpose specific record)
Related Equally	- Node Entity Pattern Definition ID [by selection] - Tag Definition Details ID (Tag Purpose specific record) - Tag Definition Validation ID (Tag Purpose specific record)

[Needs a mockup diagram here]

ACTIONS

The fundamental operations are:

1. Open Screen according to its saved Screen Layout (BR_PANEL)
2. Populate the heading section.
3. Perform actions of command buttons.
4. Save values in the appropriate database.

USED BY:

1. GUI_TagSelect.
2. Translation keyboard short cut.

DATA CONTROLLED BY THIS MODULE:
1. None.

REQUIRED DATA CONTROLLED BY OTHER MODULES:
1. HRE-ID.

REQUIRED SERVICES
1. GUI_FieldDefinitionEdit
2. GUI_TagDefnDetail
3. GUI_TagDefnValidate
4. BR_Tag
5. BR_Pattern
6. BR_Setting
7. BR_PanelConfig.

APPLICATION PROGRAMMING INTERFACE (API)
1. Need Details.

EVENT ACTIONS
1. Need details of event (keyboard or mouse) and the description of the action.

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.