

GUI_TagDefnDelete – Tag Definition Delete

Revision history

2017-03-19	Robin Lamacraft	Original draft
2018-06-07	Rod Thompson	Replace GUI_PanelConfigEdit with GUI_Select Configuration Replace 'screen' with 'window' Replace BR_PanelConfig with BR_WindowConfig

SCOPE

This GUI module displays a window to delete a Tag Definition instance. The detail depends on the purpose of the currently selected Tag Definition instance. The actions from this window do not extend beyond ensuring that no data depends on the existence of this Tag Definition instance. In particular, it will detect whether another object instance will become isolated if this Tag Definition instance is deleted.

Scope Variations:

Tag Purpose	Tag Purpose Differences
Associate	Delete the selected Associate Tag Definition instance that defines a link between an Entity Node instance and an Event or Task instance
Heading	Delete the selected Heading Definition Tag instance that defines a link from a Heading Node instance to a parent Node Entity instance
Member	Delete the selected Member Definition Tag instance that defines a link from a Group Node Entity instance to another Node Entity of another type
Name	Delete the selected Name Definition Tag instance that defines a link from a parent Node Entity instance to a Name Entity instance
Related	Delete the selected Related Definition Tag instance that defines a link between the 2 Node Entity instances of the same type, where Event and Task types are considered equivalent

LOOK AND FEEL

The window has the following horizontal parts:

- The heading section shows
 - the focus Tag Definition instance HRE-ID
 - the name of the Tag Definition instance (if it has one)
 - the Tag Purpose.

Heading Variations:

Tag Purpose	Tag Purpose Differences
Associate	Also shows: <ul style="list-style-type: none">• Whether the Tag Definition is associated to an Event or a Task• The Type of Node Entity that is associated with this Tag definition.
Heading	Also shows: <ul style="list-style-type: none">• The Type of Node Entity that is associated with this Tag definition.
Member	Also shows: <ul style="list-style-type: none">• The Type of Other Node Entity that is member with this Tag definition• The Type of Group Node Entity that is member with this Tag definition.
Name	Also shows: <ul style="list-style-type: none">• The Type of Node Entity that is associated with this Tag definition.

Related	Also shows: <ul style="list-style-type: none"> The pair of Types of Node Entity that are associated with this Tag definition, which includes Event – Tag Related Tag Definitions.
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- A collection of buttons 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 the Tag without causing inconsistency in the database:
 - This search lists on the window the other objects that require the Tag to continue to exist
 - This scrollable table has columns of HRE-Id, Object Type, Object Name (if it has one).

Search Variations:

Tag Purpose	Tag Purpose Differences
Associate	Check that no Tag Associate instances are linked to the Tag Associate Definition that is about to be deleted, list if found
Heading	Check that no Tag Heading instances are linked to the Tag Heading Definition that is about to be deleted, list if found
Member	Check that no Tag Member instances are linked to the Tag Member Definition that is about to be deleted, list if found. There is no need for a Member dependency search in this case.
Name	Check that no Tag Name instances are linked to the Tag Name Definition that is about to be deleted, list if found. There is no need for a Member dependency search in this case.
Related	Check that no Tag Related instances are linked to the Tag Related Definition that is about to be deleted, list if found. There is no need for a Member dependency search in this case.

- This search has 2 possible outcomes:
 - “Apply” is enabled as no dependent objects were found. Clicking “Apply” removes the Tag
 - “Output” - If there are other objects that require the Tag 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 Tag can’t be removed
 - “Cancel” does not delete the Tag.

[Needs a mockup diagram here]

ACTIONS

The fundamental operations are:

- Open Window according to its saved Window Layout (BR_WindowConfig)
- Populate the property editor pane with values for the selected object
- Populate the heading
- Perform the search
- Delete the Entity
- Output the result of the search.

USED BY:

- All links (not objects) that have “Tag Definition Edit” entries in the menu use this GUI_TagDefnDelete as their dependent coding.

2. Almost any link type, either project-oriented or application-oriented has a GUI_TagDefnDelete 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 that is listened for, to act on its specific events.

DATA CONTROLLED BY THIS MODULE

1. None.

REQUIRED DATA CONTROLLED BY OTHER MODULES

1. HRE-ID.

REQUIRED SERVICES

1. GUI_Select Configuration
2. GUI_FieldTranslationEdit
3. GUI_Output
4. BR_Setting
5. BR_WindowConfig
6. BR_Tag
7. BR_EntityLink.

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.