BR_TAG – Tag Services

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SCOPE

This module must be used to operate with Tags. It provides services to create, edit, retrieve and delete Tags and Tag Definitions. Tag Definitions are collections of data that provide the values and templates for creating Tags for user data in HRE. NOTE: All actions below must be aware of the GUI-Language, the User Data Entry Language and the Report Language.

All Tag Definitions have the following common property fields:

- Tag Type HRE-ID
- Entity Type A HRE-ID
- Entity Type B HRE-ID
- Tag Label ID (language dependent)
- Tag Label Abbreviation ID (language dependent)
- Tag Subject Global Sentence ID (only includes Parent Entity)
- Tag Same as Subject Global Sentence HRE-ID (includes Parent Entity and all others of same Entity type)
- Tag Summary Global Sentence HRE-ID (includes all Entities)
- List of Tag Named Sentences (HRE-ID for each)
- List of Permitted Sentence Substitution Variables (HRE-ID for each)
- List of Named Memos (HRE-ID for each).

There are 7 Tag Definition Types defined in HRE:

- <u>Associate Tags</u> that describe how an Entity has a role with an Event or Task. Associate Tags have the following additional Property Values:
    - Details needed
- <u>Heading Tags</u> that describe the type of Event or Task (they can also exist for other Entities.) Heading Tags have the following additional Property Values:
    - Details needed
- <u>Member Tags</u> that describe the group membership of a group to an entity of different group type. Member Tags have the following additional Property Values:
    - Details needed
- <u>Name Tags</u> that describe how a Name is connected to an Entity. Name Tags have the following additional Property Values:
    - Details needed
- <u>Relationship Ranked Tags</u> that describe the relationship between 2 entities of the same type where the relationship is asymmetric. NOTE: Events and Tasks can be related. Relationship Tags have the following additional Property Values:
    - Details needed
- <u>Relationship Equally Tags</u> that describe the relationship between 2 entities of the same type where the relationship is symmetric.
  NOTE: Events and Tasks can be related. Relationship Tags have the following additional Property Values:
    - Details needed
- <u>Citation Tags</u> that describe the relationship between a Link or a Node Entity with a Source. Citation Tags have the following additional Property Values:
    - Details needed

A user can select a Tag Definition as the template for a new Tag instance which contains the appropriate user data. This module provides both the creation and maintenance of the Tag Definition database tables, but also creates, edits, etc the Tag user data database tables.

ACTIONS

For Tag Definitions of a particular type and Entity focus:
1. Create a new Tag Definition
2. View or Edit the Tag Definition
3. Check the syntax of a Tag Definition after editing including sentence templates for symbols and appropriate variable references
4. Check that data entry field values match required field formats
5. Check before deleting a Tag Definition that no Tag data uses that Tag Definition
6. Retrieve the sentence with or without variable substitution and grammar adjustments.

For Tag Instances of a particular type and Entity focus:
1. Create a new Tag instance
2. View or Edit the Tag instance
3. Check that data entry field values match required field formats
4. Check the syntax of a Tag instance after editing including sentence templates for symbols and appropriate variable references
5. Retrieve the sentence with or without variable substitution and grammar adjustments.

USED BY
1. Any GUI screen that operates on Tag Definitions or Tag Instances.

AUXILARY DATA USED
1. TagDefn DBT
2. TagDefnProperty DBT
3. TagDefnValidate DBT
4. TagAssociate DBT
5. TagSentence DBT
6. TagHeading DBT
7. TagRelationRanked DBT
8. TagRelationEqually DBT
9. TagMemeberDBT
10. TagCitation 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.