BR_Accent – Accenting Services

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SCOPE

This module must be used to operate anywhere Accents can be possibly used. Accents are a means to color-code cells in a GUI tabular display or text in a report according to the value state of a Flag. This module provides services to create, edit, retrieve and delete the properties of Accenting Schemes. It includes the ability to create, edit and modify color-swatches. These can be combined into an ordered list and finally linked to a selected Flag. NOTE: All actions below must be aware of the GUI-Language, the User Data Entry Language and the Report Language.
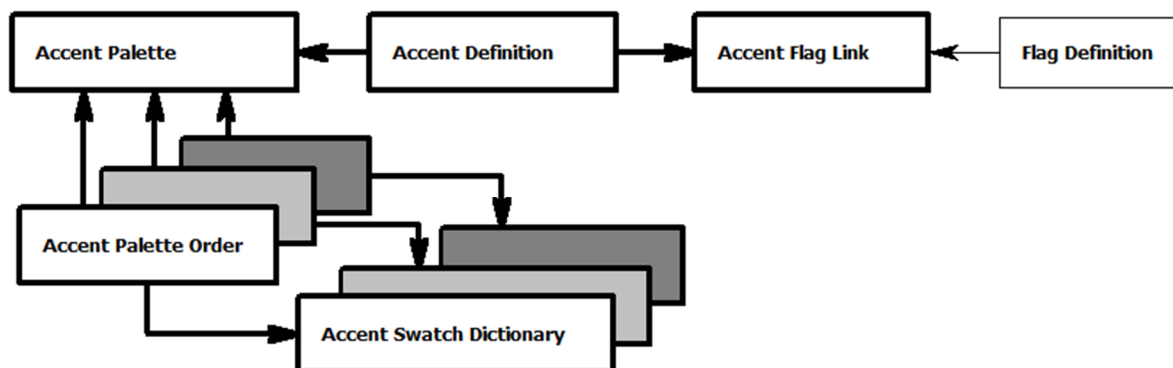
ACTIONS

1. <u>On an Accent Definition request</u>: Create, Edit, Save, Select, Store and Retrieve an Accent definition
2. <u>On an Accent Flag Link request</u>: Create, Edit, Save, Select, Store and Retrieve an Accent Flag Link with the specified Flag
3. <u>On an Accent Palette request</u>: Create, Edit, Save, Select, Store and Retrieve an Accent Palette definition by linking in the appropriate sequence Accent Palette entries to the Accent Palette by <u>Accent Palette Order</u> records. The ordering of the Palette Swatches must match the order of the states in the Flag which is controlling the accenting
4. <u>On an Accent Swatch Dictionary request</u>: Create, Edit, Save, Select, Store and Retrieve an Accent Swatch.

NOTE: The Accent Flag Link creates the relationship, but the use of that relationship has to be enabled for the Screens of interest through use of the "Configure" command button on that screen (where it can be saved in Panel Setting).

USED BY

1. Any GUI screen that can have value display fields accented via GUI_PanelConfig
2. Any Report Script that can use Accents applied to its output via GUI_ReportConfig.

DATA CONTROLLED BY THIS MODULE

1. **AccentDefn Table: One** record per Accent Definition

FIELD NAME	FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		HRE_ID is Accent_ID
LABEL_ID	INT8 NOT NULL	Label HRE ID for translated label of this Accenting Scheme
PALETTE_ID	INT8 NOT NULL	HRE_ID of Color Palette used by the Accenting Definition
USED_STATES	INT	Number of states used in this Accenting Scheme

The PRIMARY INDEX of this table is the HRE_ID. (Accent)

2. **AccentFlagLink** Table: One record for each use of an Accenting Scheme

FIELD NAME	FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is AccentFlagLink_ID**
ACCENT_ID	INT8 NOT NULL	HRE_ID of Accent Definition being used
FLAG_ID	INT8 NOT NULL	HRE_ID of Flag Definition being used
USAGE_ID	INT8 NOT NULL	HRE_ID of GUI Element where accenting is applied

The PRIMARY INDEX of this table is the HRE_ID. (AccentFlagLink)

3. **AccentPallette** Table: One record per Accent Palette (a collection of ordered color swatches)

FIELD NAME	FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is AccentPalete_ID**
PALETTE_ID	INT8 NOT NULL	HRE_ID of Color Palette used by the Accenting Definition
MAX_STATES	INT	Maximum number of states used in this Accenting Scheme

The PRIMARY INDEX of this table is the HRE_ID. (AccentPalette)

4. **AccentPaletteOrder** Table: One record per Accent Swatch added to an Accent Palette.

FIELD NAME	FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is AccentPaleteSwatch_ID**
PALETTE_ID	INT8 NOT NULL	HRE_ID of Parent Accent Palette
SWATCH_ID	INT8 NOT NULL	HRE_ID of Accent Swatch Dictionary entry
SWATCH_SEQ	INT	Order of use of swatches
SWATCH_OPTNS	INT	To use options add these together; 1 = Background Fill, 2 = Vertical Sides, 4 = Horizontal Sides, 8 = Text Color

The PRIMARY INDEX of this table is the HRE_ID. (AccentPaletteSwatch)

5. **AccentSwatchDictionary** Table: One record for each accent property combination that can be used in an accenting scheme. This acts as a catalogue of defined settings that can be combined for use in Accenting Schemes. (Palette Swatch)

FIELD NAME	FIELD TYPE	NOTES
HRE COMMON FIELDS FIRST		**HRE_ID is AccentSwatchDictionary_ID**
FILL_COLOR	INT	Background fill RBG color value
VERT_COLOR	INT	Vertical border RBG color value
HORZ_COLOR	INT	Horizontal border RBG color value
TEXT_COLOR	INT	Text RBG color value

The PRIMARY INDEX of this table on the HRE_ID. (AccentSwatchDictionary)

REQUIRED SERVICES
1. BR_Flag
2. BR_EntityLink
3. BR_UserTranslation
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.

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