PUBLISHING

EntityTexts y EntityResources (ver Block 2) se relacionan con la tabla Entities.

Otras tablas e información relacionada con Store/Design.

Entities
- 🔑 EntityType : char (4)* :Not NULL
- 🔑 EntityId : integer :Not NULL
- 📑 Name : varchar (512) :Not NULL
- 📑 HashedId : varchar (32) :Not NULL
- FlagDeleted : boolean :Not NULL
- CreationDate : timestamp :Not NULL
- LastUpdateDate : timestamp :NULL
- DeletionDate : timestamp :NULL

This table registers the defined entities. When an entry is added in any of the tables, then an entry is added in this table.

EntityTypes
- 🔑 EntityType : char (4) :Not NULL
- 📑 TableSchema : varchar (128) :Not NULL
- 📑 TableName : varchar (128) :Not NULL
- IdField : varchar (128) :Not NULL
- 📑 Name : varchar (64) :Not NULL
- Description : varchar (512) :Not NULL
- DescriptionPattern : varchar (256) :Not NULL
- FlagDeleted : boolean :Not NULL
- CreationDate : timestamp :Not NULL
- LastUpdateDate : timestamp :NULL
- DeletionDate : timestamp :NULL

This table stores the system Entity Types

FK_EntityTypes_Entities

EntityTypeURLPatterns
- 🔑 EntityType : char (4)* :Not NULL
- 🔑 PatternId : integer* :Not NULL
- FlagPrimary : boolean :Not NULL

This table indicates what entities have what URL patterns. This relation provides the mechanism for URL generation when an entity is created.

FK_EntityTypes_EntityTypeURLPatterns

FK_EntityTypeURLPatterns_EntityTypeURLPatternSelectors

EntityTypeURLPatternSelectors
- 🔑 EntityType : char (4)* :Not NULL
- 🔑 PatternId : integer* :Not NULL
- 🔑 SelectorPath : varchar (512) :Not NULL
- SelectorOperator : char (2) :Not NULL
- SelectorValue : varchar (1024) :Not NULL
- FlagDeleted : boolean :Not NULL

This table stores selector conditions on URL Patterns for a given EntityType. The need for this table is that a single Entity Type (ex: Product) can group many different things (books, cds, dvds, etc). The Selectors then provide a mechanism to filter out patterns based on Entity subtype (attributes). All Selectors for a given entry are ANDed and hence all must be true for the pattern to be used.

EntityURLs
- 🔑 EntityType : char (4) :Not NULL
- 🔑 EntityId : integer* :Not NULL
- 🔑 URLId : integer* :Not NULL
- InitialEntityType : char (4) :Not NULL
- InitialEntityId : integer :Not NULL
- FlagPrimary : boolean :Not NULL

This table stores the relation between Entities (Products, Publishers, Authors, etc) and URLs the system publishes.

FK_Entities_EntitiesURLs

FK_URLs_EntityURLs

URLs
- 🔑 URLId : integer :Not NULL
- 📑 LinkBase : varchar (1024) :Not NULL
- 📑 SourcePatternId : integer* :Not NULL
- FlagDeleted : boolean :Not NULL
- CreationDate : timestamp :Not NULL
- LastUpdateDate : timestamp :NULL
- DeletionDate : timestamp :NULL

This table stores the list of all published URLs. By URLs we mean the base of the URL group. For example, a Product has a base URL and then URLs for the images, JSON data, etc. That base is what is registered here.

URLPatterns
- 🔑 PatternId : integer :Not NULL
- 📑 Name : varchar (256) :Not NULL
- 📑 PatternType : char (2) :Not NULL
- LinkPattern : varchar (512) :Not NULL
- Description : varchar (512) :Not NULL
- FlagDeleted : boolean :Not NULL
- CreationDate : timestamp :Not NULL
- LastUpdateDate : timestamp :NULL
- DeletionDate : timestamp :NULL

List of URL Patterns. Patterns can be assigned to different Entity Types.

FK_URLPatterns_EntityTypeURLPatterns

FK_URLPatterns_URLs

FK_URLs_URLPublishedStatus

StoreDesigns
- 🔑 StoreId : integer* :Not NULL
- 🔑 DesignId : integer* :Not NULL
- InheritsFromStoreId : integer :NULL
- InheritsFromDesignId : integer :NULL
- HashedId : varchar (32) :Not NULL
- PercentageOnline : numeric (5) :Not NULL

This table registers an instance of a Store/Design pair. A Design can be used by more than one store. At any given time, the sums of the PercentageOnline for a Store must be 100.

URLPublishedStatus
- 🔑 URLId : integer* :Not NULL
- 🔑 StoreId : integer* :Not NULL
- 🔑 DesignId : integer* :Not NULL
- 📑 PublishedStatus : char (2) :Not NULL
- LastUpdateDate : timestamp :Not NULL

This table indicates what URLs are published in what Store/Designs.

FK_StoreDesigns_URLPublishedStatus