Metadata Repository

Data-Doc

Version: 64 (SCAN: 61, CONFIG: 64)
Updated: 17/07/2021 5:24:31 PM (SCAN: 17/07/2021 4:57:01 PM, CONFIG: 17/07/2021 5:24:31 PM)

Index

Entities

Attribute
AttributeConfig
AttributeDescConfig
AttributeDetails
AttributeHierarchy
AttributePrimaryKeyConfig
Calculation
Entity
EntityConfig
EntityDependency
EntityDetails
Project
Relationship
RelationshipAttribute
Value
ValueGroup

Value Groups

Data Types
Description Scopes
Entity Types

Project Description

The Data-Doc database contains metadata used for documenting SQL Server databases and data warehouses.

Project Comment

Data-Doc is a simple metadata repository application for SQL Server databases. It is especially useful for documenting data warehouses. It automatically pulls in schema metadata using built-in dynamic management views (DMVs), and allows DBAs, BI professionals, data stewards, and other data professionals to assign business metadata.

Attribute

The physical metadata for all the attributes / columns in the database

Additional Comments

This information is only refreshed via a scan.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.Attribute	Table	13/04/2021 11:55:49 AM	13/04/2021 1:49:02 PM	17/07/2021 4:52:43 PM	1361

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int		Entity	The unique project id
EntityName	sysname		Entity	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
AttributeName	sysname			The name of the attribute. The physical attribute name
Order	int			The ordinal position that the attribute occurs within the table / entity.
IsPrimaryKey	bit			Set to true if the attribute is part of a primary key.
DataType	varchar(50)		Data Types	The physical data type of the attribute.
DataLength	smallint			The data length of the attribute (if a varchar or varbinary)
Precision	tinyint			The precision of the attribute. Used only for floating point values.
Scale	tinyint			The scale of the attribute Only used for floating point attributes.
IsNullable	bit			Set to true if the attribute can store null values.

Relations

Entity	Relationship
AttributeConfig	Attribute Config - Attribute
AttributeDescConfig	Attribute Config - Attribute
AttributePrimaryKeyConfig	Attribute Primary Key Config - Attribute

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.Attribute] depends

```
+- dbo.Attribute
```

Objects that depend on [dbo.Attribute]

```
+- dbo.Attribute
   +- dbo.AttributeDetails
```

AttributeConfig

Configures whether an entity is active (enabled / visible) or not.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.AttributeConfig	Table	31/03/2021 8:50:42 PM	31/03/2021 8:50:42 PM	1/01/0001 12:00:00 AM	43

Attributes

Attribute Name	Data Type	Nulls	References	Description
AttributeConfigId	int			The unique key of the attribute configuration item.
ProjectId	int		Attribute	The unique project id
EntityName	sysname		Attribute	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
AttributeName	sysname		Attribute	The name of the attribute. The physical attribute name
IsActive	bit			Set to true if the object is active / visible / enabled.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.AttributeConfig] depends

```
+- dbo.AttributeConfig
```

Objects that depend on [dbo.AttributeConfig]

```
+- dbo.AttributeConfig
   +- dbo.AttributeDetails
```

AttributeDescConfig

Provides additional business semantics over and above the physical attribute information.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.AttributeDescConfig	Table	31/03/2021 8:49:03 PM	13/04/2021 5:15:00 PM	17/07/2021 4:50:27 PM	220

Attributes

Attribute Name	Data Type	Nulls	References	Description
AttributeDescConfigId	int			The unique attribute description configuration key.
ProjectId	int		Attribute	The unique project id
EntityName	sysname		Attribute	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
AttributeName	sysname		Attribute	The name of the attribute. The physical attribute name
AttributeDesc	varchar(1000)	Yes		The attribute description.
AttributeComment	varchar(-1)	Yes		Optional commentary regarding the attribute.
ValueGroupId	int	Yes	ValueGroup	The value group id.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.AttributeDescConfig] depends

```
+- dbo.AttributeDescConfig
```

Objects that depend on [dbo.AttributeDescConfig]

```
+- dbo.AttributeDescConfig
   +- dbo.AttributeDetails
```

AttributeDetails

The attribute view, used to pull in all attribute information under the single view.

Additional Comments

This view is used for read purposes only.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.AttributeDetails	View	20/03/2021 4:05:56 PM	10/04/2021 6:52:01 PM	1/01/0001 12:00:00 AM	0

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int	Yes		The unique project id
EntityName	nvarchar(500)	Yes		The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
AttributeName	nvarchar(500)	Yes		The name of the attribute. The physical attribute name
Order	int			The ordinal position that the attribute occurs within the table / entity.
DataType	varchar(50)		Data Types	The physical data type of the attribute.
DataLength	smallint			The data length of the attribute (if a varchar or varbinary)
Precision	tinyint			The precision of the attribute. Used only for floating point values.
Scale	tinyint			The scale of the attribute Only used for floating point attributes.
IsNullable	bit			Set to true if the attribute can store null values.
AttributeConfigId	int	Yes		The unique key of the attribute configuration item.
IsActive	int	Yes		Set to true if the object is active / visible / enabled.
AttributeDescConfigId	int	Yes		The unique attribute description configuration key.
AttributeDesc	varchar(1000)	Yes		The attribute description.
AttributeComment	varchar(-1)	Yes		Optional commentary regarding the attribute.
ValueGroupId	int	Yes		The value group id.
DescScope	varchar(9)		Description Scopes	The scope that the description, comment and value group applies to. Scoping allows descriptions and comments to be defined to individual attributes, or all attributes sharing the same name within the current project, or all attributes sharing the same name globally.
AttributePrimaryKeyConfigId	int	Yes		The unique attribute primary key config key.
IsPrimaryKey	bit	Yes		Set to true if the attribute is part of a primary key.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

```
CREATE VIEW [dbo].[AttributeDetails]
AS
        -- Returns all attributes (scanned + config)
        -- Also deals with description / comments at
        -- different scopes (local, project, global)
        SELECT
                COALESCE(AC.ProjectId, A.ProjectId) ProjectId,
                COALESCE(AC.EntityName, A.EntityName) EntityName,
                COALESCE(AC.AttributeName, A.AttributeName) AttributeName,

                -- Scanned Attribute Values (read only)
                A.[ORDER] [Order],
                A.DataType,
                A.DataLength,
                A.[Precision],
                A.Scale,
                A.IsNullable,

                -- Attribute Configuration
                C.AttributeConfigId,
                COALESCE(C.IsActive, 1) IsActive,

                -- Attribute Configuration (Description)
                COALESCE(AC.AttributeDescConfigId, ACProject.AttributeDescConfigId, ACGlobal.AttributeDescConfigId) AttributeDescConfigId
                COALESCE(AC.AttributeDesc, ACProject.AttributeDesc, ACGlobal.AttributeDesc, '') AttributeDesc,
                COALESCE(AC.AttributeComment, ACProject.AttributeComment, ACGlobal.AttributeComment, '') AttributeComment,
                COALESCE(AC.ValueGroupId, ACProject.ValueGroupId, ACGlobal.ValueGroupId) ValueGroupId,

                CASE
                        WHEN AC.AttributeDescConfigId IS NOT NULL THEN 'Local'
                        WHEN ACProject.AttributeDescConfigId IS NOT NULL THEN 'Project'
                        WHEN ACGlobal.AttributeDescConfigId IS NOT NULL THEN 'Global'
                        ELSE 'Undefined'
                END DescScope,

                -- Attribute Primary Key Configuration
                APKC.AttributePrimaryKeyConfigId,
                COALESCE(APKC.IsPrimaryKey, A.IsPrimaryKey) IsPrimaryKey

        FROM
                Attribute A
        LEFT OUTER JOIN
                AttributeConfig C
        ON
                A.ProjectId = C.ProjectId AND
                A.EntityName = C.EntityName AND
                A.AttributeName = C.AttributeName
        LEFT OUTER JOIN
                AttributeDescConfig AC
        ON
                A.ProjectId = AC.ProjectId AND
                A.EntityName = AC.EntityName AND
                A.AttributeName = AC.AttributeName
        LEFT OUTER JOIN
                AttributePrimaryKeyConfig APKC
        ON
                A.ProjectId = APKC.ProjectId AND
                A.EntityName = APKC.EntityName AND
                A.AttributeName = APKC.AttributeName
        LEFT OUTER JOIN
                (SELECT * FROM AttributeDescConfig WHERE EntityName = '*') ACProject
        ON
                A.ProjectId = ACProject.ProjectId AND
                A.AttributeName = ACProject.AttributeName
        LEFT OUTER JOIN
                (SELECT * FROM AttributeDescConfig WHERE EntityName = '*' AND ProjectId = -1) ACGlobal
        ON
                A.AttributeName = ACGlobal.AttributeName
```

Objects on which [dbo.AttributeDetails] depends

```
+- dbo.AttributeDetails
   +- dbo.Attribute
   +- dbo.AttributeConfig
   +- dbo.AttributeDescConfig
   +- dbo.AttributePrimaryKeyConfig
```

Objects that depend on [dbo.AttributeDetails]

```
+- dbo.AttributeDetails
```

AttributeHierarchy

Stores information about hierarchical relationships between attributes in an entity.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.AttributeHierarchy	Table	2/05/2021 2:13:02 PM	2/05/2021 2:13:02 PM	1/01/0001 12:00:00 AM	1042

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int		Entity	The unique project id
EntityName	sysname		Entity	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
ParentAttributeName	varchar(128)			The parent (more granular) attribute name
ChildAttributeName	varchar(128)			The child (more aggregated) attribute name
IsRoot	bit			Set to true if the parent attribute is the primary key of the entity. This defines the most granular attribute of the entity.
IsOneToOneRelationship	bit			Set to true if the parent and child attribute have a 1:1 relationship

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.AttributeHierarchy] depends

```
+- dbo.AttributeHierarchy
```

Objects that depend on [dbo.AttributeHierarchy]

```
+- dbo.AttributeHierarchy
```

AttributePrimaryKeyConfig

Additional metadata overlay detailing which attributes are primary keys

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.AttributePrimaryKeyConfig	Table	20/03/2021 3:47:32 PM	20/03/2021 3:52:14 PM	1/01/0001 12:00:00 AM	24

Attributes

Attribute Name	Data Type	Nulls	References	Description
AttributePrimaryKeyConfigId	int			The unique attribute primary key config key.
ProjectId	int		Attribute	The unique project id
EntityName	sysname		Attribute	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
AttributeName	sysname		Attribute	The name of the attribute. The physical attribute name
IsPrimaryKey	bit			Set to true if the attribute is part of a primary key.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.AttributePrimaryKeyConfig] depends

```
+- dbo.AttributePrimaryKeyConfig
```

Objects that depend on [dbo.AttributePrimaryKeyConfig]

```
+- dbo.AttributePrimaryKeyConfig
   +- dbo.AttributeDetails
```

Calculation

Calculations defined on the entity

Additional Comments

Any calculation on the entity can be defined here. This includes aggregations and filters. A calculation is not defined within the entity object itself, but may be defined in a 3rd party BI tool. Calculations can become metrics or KPIs in reporting and BI tools.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.Calculation	Table	17/07/2021 4:36:07 PM	17/07/2021 4:36:07 PM	17/07/2021 4:41:13 PM	0

Attributes

Attribute Name	Data Type	Nulls	References	Description
CalculationId	int			Unique key for the calculation
ProjectId	int		Entity	The unique project id
EntityName	sysname		Entity	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
CalculationName	sysname			The name of the calculation
CalculationDesc	varchar(1000)	Yes		Description of the calculation
CalculationComment	varchar(-1)	Yes		Extended commentary for the calculation
Formula	varchar(-1)	Yes		Calculation formula If the calculation is used in a BI tool, the expression or formula can be entered here.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.Calculation] depends

```
+- dbo.Calculation
```

Objects that depend on [dbo.Calculation]

```
+- dbo.Calculation
```

Entity

The physical entities in the database (tables, views, functions, procedures)

Additional Comments

Note that this information is only updated via a scan.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.Entity	Table	20/03/2021 3:45:44 PM	17/07/2021 4:36:07 PM	17/07/2021 4:52:43 PM	123

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int		Project	The unique project id
EntityName	sysname			The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
EntityType	varchar(50)		Entity Types	The type of entity.
RowCount	int	Yes		The number of rows in the entity. Note that at the moment, the row count of zero is returned for views.
CreatedDt	datetime2			The date and time that the object was created (DDL).
ModifiedDt	datetime2			The date and time that the object was last modified (DDL).
UpdatedDt	datetime2	Yes		The date and time that the object was last updated (DML).
Definition	varchar(-1)	Yes		The SQL definition of the entity. Typically only useful for views, functions, and procedures.

Relations

Entity	Relationship
EntityConfig	Entity Config - Entity
EntityDependency	Entity Dependency - Entity (Parent)
EntityDependency	Entity Dependency - Entity (Child)
Relationship	Relationship - Entity (Parent)
Relationship	Relationship - Entity (Referenced)
Attribute	FK_Attribute_Entity
AttributeHierarchy	FK_AttributeHierarchy_Entity
Calculation	FK_Calculation_Entity

Hierarchies

[No hierarchies for this entity.]

Calculations

Calculation Name	Calculation Description	Calculation Comment	Formula
Tables	All entities where EntityType = 'Table'	All entities where EntityType = 'Table'	EntityType = 'Table'

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.Entity] depends

```
+- dbo.Entity
```

Objects that depend on [dbo.Entity]

```
+- dbo.Entity
   +- dbo.EntityDetails
```

EntityConfig

Basic configuration for the entity.

Additional Comments

Currently limited to visibility flag.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.EntityConfig	Table	20/03/2021 3:45:44 PM	20/03/2021 3:45:44 PM	17/07/2021 4:48:03 PM	61

Attributes

Attribute Name	Data Type	Nulls	References	Description
EntityConfigId	int			The unique key of the entity config item.
ProjectId	int		Entity	The unique project id
EntityName	sysname		Entity	The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
EntityAlias	varchar(128)			An alias / alternative name for the entity.
EntityDesc	varchar(1000)			The description of the entity.
EntityComment	varchar(-1)	Yes		Optional comment providing additional information about the entity.
ShowData	bit			When set to true, the documenter will show the data values contained in the entity.
ShowDefinition	bit	Yes		When set, the documenter will include the SQL definition of the entity.
IsActive	bit			Set to true if the object is active / visible / enabled.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.EntityConfig] depends

```
+- dbo.EntityConfig
```

Objects that depend on [dbo.EntityConfig]

```
+- dbo.EntityConfig
   +- dbo.EntityDetails
```

EntityDependency

Details the relationships between the entities.

Additional Comments

Relationships can be automatically discovered via a scan process, or manually input.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.EntityDependency	Table	20/03/2021 3:45:44 PM	13/04/2021 1:49:02 PM	17/07/2021 4:52:43 PM	52

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int		Entity Entity Project	The unique project id
ParentEntityName	sysname		Entity	The entity acting as the 'TO' (containing the primary key attribute)
ChildEntityName	sysname		Entity	The entity acting as the 'FROM' (containing the foreign key attribute)

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.EntityDependency] depends

```
+- dbo.EntityDependency
```

Objects that depend on [dbo.EntityDependency]

```
+- dbo.EntityDependency
```

EntityDetails

Read-only view of all the entity information

Additional Comments

merges all the entity information together into a single view. Used for read-only purposes only.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.EntityDetails	View	20/03/2021 7:08:42 PM	17/04/2021 7:26:01 PM	1/01/0001 12:00:00 AM	0

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int	Yes		The unique project id
EntityName	sysname	Yes		The physical name of the entity / table Entities can include the following SQL Server objects: table, view, sproc.
EntityType	varchar(50)	Yes	Entity Types	The type of entity.
RowCount	int	Yes		The number of rows in the entity. Note that at the moment, the row count of zero is returned for views.
CreatedDt	datetime2	Yes		The date and time that the object was created (DDL).
ModifiedDt	datetime2	Yes		The date and time that the object was last modified (DDL).
UpdatedDt	datetime2	Yes		The date and time that the object was last updated (DML).
Definition	varchar(-1)	Yes		The SQL definition of the entity. Typically only useful for views, functions, and procedures.
EntityConfigId	int	Yes		The unique key of the entity config item.
EntityAlias	nvarchar(256)	Yes		An alias / alternative name for the entity.
EntityDesc	varchar(1000)	Yes		The description of the entity.
EntityComment	varchar(-1)	Yes		Optional comment providing additional information about the entity.
ShowData	bit	Yes		When set to true, the documenter will show the data values contained in the entity.
ShowDefinition	bit	Yes		When set, the documenter will include the SQL definition of the entity.
IsActive	bit	Yes		Set to true if the object is active / visible / enabled.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

```
CREATE VIEW [dbo].[EntityDetails]
AS
        SELECT
                COALESCE(E.ProjectId, EC.ProjectId) ProjectId,
                COALESCE(E.EntityName, EC.EntityName) EntityName,
```

```
            COALESCE(E.EntityType, 'Unknown') EntityType,
            E.[RowCount],
            E.CreatedDt,
            E.ModifiedDt,
            E.UpdatedDt,
            E.Definition,
            EC.EntityConfigId,
            COALESCE(EC.EntityAlias, E.EntityName) EntityAlias,
            COALESCE(EC.EntityDesc, '[No description currently available for this entity.]') EntityDesc,
            COALESCE(EC.EntityComment, '') EntityComment,
            COALESCE(EC.ShowData, CAST(0 AS BIT)) ShowData,
            COALESCE(EC.ShowDefinition, CAST(0 AS BIT)) ShowDefinition,
            COALESCE(EC.IsActive, CAST(0 AS BIT)) IsActive
    FROM
            Entity E
    FULL OUTER JOIN
            EntityConfig EC
    ON
            E.ProjectId = EC.ProjectId AND
            E.EntityName = EC.EntityName
    WHERE
            E.EntityName <> '*'     -- Ignore the wild-card entities
```

Objects on which [dbo.EntityDetails] depends

```
+- dbo.EntityDetails
   +- dbo.Entity
   +- dbo.EntityConfig
```

Objects that depend on [dbo.EntityDetails]

```
+- dbo.EntityDetails
```

Project

A project is defined for each documentation workload. A project is typically a single database.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.Project	Table	20/03/2021 3:45:44 PM	13/04/2021 8:54:13 AM	17/07/2021 4:52:43 PM	5

Attributes

Attribute Name	Data Type	Nulls	References	Description
ProjectId	int			The unique project id
ProjectName	varchar(50)			The unique name of the project.
ProjectDesc	varchar(1000)	Yes		The description of the project.
ProjectComment	varchar(-1)	Yes		Optional comment for the project.
ConnectionString	varchar(250)			The connection string to connect to the source database. Currently on SQL Server is supported.
ScanVersion	int			The scan version. Each time a scan process is executed, the scan version is bumped up by 1.
ScanUpdatedDt	datetime2			The last date/time of any scan.
ConfigVersion	int			The config version Whenever any configuration is made, the config version is bumped up by 1.
ConfigUpdatedDt	datetime2			The last date/time of any configuration modification.
IsActive	bit			Set to true if the object is active / visible / enabled.

Relations

Entity	Relationship
Entity	FK_Entity_Project
EntityDependency	FK_EntityDependency_Project
Relationship	FK_Relationship_Project
ValueGroup	FK_ValueGroup_Project

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.Project] depends

```
+- dbo.Project
```

Objects that depend on [dbo.Project]

```
+- dbo.Project
```

Relationship

Each relationship describes a referential link between two entities.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.Relationship	Table	20/03/2021 3:45:44 PM	13/04/2021 8:43:51 AM	1/01/0001 12:00:00 AM	32

Attributes

Attribute Name	Data Type	Nulls	References	Description
RelationshipId	int			The unique key of the relationship.
ProjectId	int		Entity Entity Project	The unique project id
RelationshipName	sysname			The relationship name.
ParentEntityName	varchar(250)	Yes	Entity	The entity acting as the 'FROM' (containing the foreign key attribute)
ReferencedEntityName	varchar(250)	Yes	Entity	The entity acting as the 'TO' (containing the primary key attribute)
IsScanned	bit			If set to true, the relationship has been automatically scanned by the system. Otherwise, the relationship has been manually input.

Relations

Entity	Relationship
RelationshipAttribute	FK_RelationshipAttribute_Relationship

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.Relationship] depends

```
+- dbo.Relationship
```

Objects that depend on [dbo.Relationship]

```
+- dbo.Relationship
```

RelationshipAttribute

Details the individual attributes / columns involved in each of the relationships.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.RelationshipAttribute	Table	20/03/2021 3:45:44 PM	13/04/2021 8:38:27 AM	1/01/0001 12:00:00 AM	56

Attributes

Attribute Name	Data Type	Nulls	References	Description
RelationshipAttributeId	int			Unique relationship attribute key.
RelationshipId	int		Relationship	The unique key of the relationship.
ParentAttributeName	sysname	Yes		The name of the attribute in the parent (from) table.
ReferencedAttributeName	sysname	Yes		The name of the attribute in the referenced (to) table.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.RelationshipAttribute] depends

```
+- dbo.RelationshipAttribute
```

Objects that depend on [dbo.RelationshipAttribute]

```
+- dbo.RelationshipAttribute
```

Value

A single value within a value group.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.Value	Table	10/04/2021 3:14:31 PM	13/04/2021 8:42:22 AM	1/01/0001 12:00:00 AM	170

Attributes

Attribute Name	Data Type	Nulls	References	Description
ValueId	int			The unique value key.
ValueGroupId	int		ValueGroup	The value group id.
Value	varchar(250)			The value.
Desc	varchar(250)			The description of the value.

Relations

[No child relations for this entity.]

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.Value] depends

```
+- dbo.Value
```

Objects that depend on [dbo.Value]

```
+- dbo.Value
   +- dbo.MergeValues_sp
```

ValueGroup

A value group stores a set of values. An attribute can be defined such that it only accepts values contained within a value group.

Properties

Entity Name	Entity Type	Created Date	Modified Date	Updated Date	Row Count
dbo.ValueGroup	Table	10/04/2021 3:14:17 PM	13/04/2021 5:15:00 PM	1/01/0001 12:00:00 AM	36

Attributes

Attribute Name	Data Type	Nulls	References	Description
ValueGroupId	int			The value group id.
ProjectId	int		Project	The unique project id
ValueGroupName	varchar(50)			The name of the value group.

Relations

Entity	Relationship
AttributeDescConfig	FK_AttributeDescConfig_ValueGroup
Value	FK_Value_ValueGroup

Hierarchies

[No hierarchies for this entity.]

Calculations

[No calculations exist for this entity.]

Preview

[Data preview is not available for this entity.]

Definition

[Definition not available for this entity.]

Objects on which [dbo.ValueGroup] depends

```
+- dbo.ValueGroup
```

Objects that depend on [dbo.ValueGroup]

```
+- dbo.ValueGroup
```

Value Group: Data Types

Values

Value	Description
bit	Boolean (true/false) value
datetime2	Date + time value
int	Integer value
nvarchar	Varying character (unicode) value
smallint	Small integer (16 bits) value
sysname	System name (i.e. object name) value
tinyint	Tiny integer (8 bits) value
varchar	Varying character value

Used By

1. dbo.Attribute.DataType
2. dbo.AttributeDetails.DataType

Value Group: Description Scopes

Values

Value	Description
Local	The attribute description applies only to a single attribute.
Project	The description applies to all attributes in the project with the same attribute name.
Undefined	The description is not yet defined.
Global	The description applies to all attributes with the same name, in all projects.

Used By

1. dbo.AttributeDetails.DescScope

Value Group: Entity Types

Values

Value	Description
*	
Procedure	Entity is a stored procedure or function
Table	Entity is a table
View	Entity is a view

Used By

1. dbo.EntityDetails.EntityType
2. dbo.Entity.EntityType