KevinMartin.tech Database Documention

KevinMartinTech

Kevin Martin LLC

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📇 *Tables*

Objects

Name
Application.Address *Street address information for customers, vendors, people, locations, ...*
Application.AddressType *Types of addresses stored in the Address table.*
Application.Attribute
Application.AttributeTerm
Application.Category
Application.CityTown *City or town that are part of any address (including geographic location)*
Application.CountryRegion *Country or Region that contain the states or provinces (including geographic boundaries)*
Application.Date
Application.DeliveryType
Application.EmailType *Types of emails stored in the Email table.*
Application.Location
Application.LocationPhone
Application.Number
Application.Organization
Application.OrganizationEmail *Email address of a organization.*
Application.OrganizationPerson
Application.OrganizationPhone
Application.Person
Application.PersonClaim
Application.PersonEmail *Email address of a person.*
Application.PersonLogin
Application.PersonPhone

Application.PersonRole
Application.PersonToken
Application.PhoneType
Application.Product
Application.ProductCategory
Application.ProductItem
Application.ProductVariant
Application.Residence *An address of a person.*
Application.Role
Application.RoleClaim
Application.StateProvince *States or provinces that contain City (including geographic location)*
Application.Time
Application.UnitType *Types of units stored in the Unit table.*
Purchasing.PurchaseOrder
Purchasing.PurchaseOrderLine
Purchasing.Supplier
Sales.Customer

[Application].[Address]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	AddressId *Primary key for address records.*	int	4	NOT NULL	1 - 1	
	Line1 *First street address line.*	nvarchar(100)	200	NULL allowed		
	Line2 *Second street address line.*	nvarchar(100)	200	NULL allowed		
FK	CityTownId *Foreign key to city.*	int	4	NULL allowed		
	PostalCode *Postal code for the street address.*	nvarchar(12)	24	NULL allowed		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Address_AddressId	AddressId	True
	Application_Address_CityTownId	CityTownId	
	Application_Address_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_Address_Application_CityTown	CityTownId->[Application].[CityTown].[CityTownId]
Application_Address_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[CityTown]
[Application].[Person]
Application

Used By

[Application].[Location]
[Application].[Residence]

🔲 [Application].[AddressType]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
🔑PK C	AddressTypeId *Primary key for address type records.*	tinyint	1	NOT NULL	1 - 1	
🔷	AddressTypeName *Address type description. For example, Billing, Home, or Shipping.*	nvarchar(50)	100	NOT NULL		
🔑FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())

Indexes

Key	Name	Key Columns	Unique
🔑PK C	Application_AddressType_AddressTypeId	AddressTypeId	True
	Application_AddressType_AddressTypeName_Unique	AddressTypeName	True
	Application_AddressType_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_AddressType_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]

Application

Used By

[Application].[Location]

[Application].[Residence]

🖼 [Application].[Attribute]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	AttributeId	int	4	NOT NULL	1 - 1	
	AttributeName	nvarchar(100)	200	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Attribute_AttributeId	AttributeId	True
	Application_Attribute_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_Attribute_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Application].[AttributeTerm]

⊞ [Application].[AttributeTerm]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	AttributeTermId	int	4	NOT NULL	1 - 1	
FK	AttributeId	int	4	NOT NULL		
	TermName	nvarchar(100)	200	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset()))
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset()))

Indexes

Key	Name	Key Columns	Unique
PK C	Application_AttributeTerm_AttributeTermId	AttributeTermId	True
	Application_AttributeTerm_AttributeId	AttributeId	
	Application_AttributeTerm_RowUpdatePersonId	RowUpdatePersonId	
	Application_AttributeTerm_TermName	TermName	

Foreign Keys

Name	Columns
Application_AttributeTerm_Application_Attribute	AttributeId->[Application].[Attribute].[AttributeId]
Application_AttributeTerm_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Attribute]
[Application].[Person]
Application

Used By

[Application].[ProductVariant]

🗔 [Application].[Category]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	CategoryId	int	4	NOT NULL	1 - 1	
FK	ParentIdCategoryId	int	4	NULL allowed		
	CategoryName	nvarchar(200)	400	NOT NULL		
⛓	CategorySlug	nvarchar(400)	800	NOT NULL		
⛓ FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Category_CategoryId	CategoryId	True
	Application_Category_CategorySlug	CategorySlug	True
	Application_Category_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_Category_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]
Application_Category_ParentIdCategoryId	ParentIdCategoryId->[Application].[Category].[Category-Id]

Uses

[Application].[Person]
Application

Used By

[Application].[ProductCategory]

🖼 [Application].[CityTown]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	CityTownId *Primary key for city or town records.*	int	4	NOT NULL	1 - 1	
FK	StateProvinceId *State or province for this city or town*	int	4	NOT NULL		
	CityTownName *Formal name of the city or town*	nvarchar(50)	100	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_CityTown_CityTownId	CityTownId	True
	Application_CityTown_StateProvinceId_CityName	StateProvinceId, City-TownName	True
	Application_CityTown_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_CityTown_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]
Application_CityTown_Application_StateProvince	StateProvinceId->[Application].[StateProvince].[State-ProvinceId]

Uses

[Application].[Person]
[Application].[StateProvince]
Application

Used By

[Application].[Address]

▦ [Application].[CountryRegion]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Default
PK C	CountryRegionId *Primary key for country or region records.*	int	4	NOT NULL	
⛢	CountryName *Name of the country*	nvarchar(60)	120	NOT NULL	
⛢	FormalName *Full formal name of the country as agreed by United Nations*	nvarchar(60)	120	NOT NULL	
	IsoAlpha3Code *3 letter alphabetic code assigned to the country by ISO*	nvarchar(3)	6	NULL allowed	
	IsoNumericCode *Numeric code assigned to the country by ISO*	int	4	NULL allowed	
	CountryType *Type of country or administrative region*	nvarchar(20)	40	NULL allowed	
	Continent *Name of the continent*	nvarchar(30)	60	NOT NULL	
	Region *Name of the region*	nvarchar(30)	60	NOT NULL	
	Subregion *Name of the subregion*	nvarchar(30)	60	NOT NULL	
FK	RowUpdatePersonId	int	4	NOT NULL	
	RowUpdateTime	datetimeoffset	10	NOT NULL	(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL	(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_CountryRegion_CountryRegionId	CountryRegionId	True
	Application_CountryRegion_CountryName	CountryName	True
	Application_CountryRegion_FormalName	FormalName	True
	Application_CountryRegion_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns

Application_CountryRegion_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Application].[StateProvince]

⊞ [Application].[Date]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
PK C	DateId	int	4	NOT NULL
	FullDateTime	datetime2	8	NOT NULL
	DateName	varchar(10)	10	NOT NULL
	DateNameUS	varchar(10)	10	NOT NULL
	DateNameEU	varchar(10)	10	NOT NULL
	DayOfWeek	tinyint	1	NOT NULL
	DayNameOfWeek	varchar(9)	9	NOT NULL
	DayOfMonth	tinyint	1	NOT NULL
	DayOfYear	smallint	2	NOT NULL
	WeekdayWeekend	char(7)	7	NOT NULL
	WeekOfYear	tinyint	1	NOT NULL
	MonthName	varchar(9)	9	NOT NULL
	MonthNameShort	char(3)	3	NOT NULL
	MonthYear	char(8)	8	NOT NULL
	MonthOfYear	tinyint	1	NOT NULL
	LastDayOfMonth	varchar(3)	3	NOT NULL
	WorkDay	varchar(3)	3	NOT NULL
	CalendarQuarter	tinyint	1	NOT NULL
	CalendarYear	smallint	2	NOT NULL
	CalendarYearMonth	char(7)	7	NOT NULL
	CalendarYearQuarter	char(6)	6	NOT NULL
	FiscalMonthOfYear	tinyint	1	NOT NULL
	FiscalQuarter	tinyint	1	NOT NULL
	FiscalQuarterName	char(3)	3	NOT NULL
	FiscalYear	int	4	NOT NULL
	FiscalYearNameShort	char(4)	4	NOT NULL
	FiscalYearNameLong	char(6)	6	NOT NULL
	FiscalYearMonth	char(7)	7	NOT NULL
	FiscalYearQuarter	char(6)	6	NOT NULL

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Date_DateId	DateId	True

Extended Properties

Name	Level 2 Type	Level 2 Name	Value
Description			Date dimension contains one row for every day, beginning at 1/1/2000. There may also be rows for "hasn't happened yet."
Table Type			Application
View Name			Date
Description	COLUMN	CalendarQuarter	CalendarQuarter
Example Values	COLUMN	CalendarQuarter	1, 2, 3, 4
Description	COLUMN	CalendarYear	CalendarYear
Example Values	COLUMN	CalendarYear	2004
Description	COLUMN	CalendarYearMonth	Calendar year and month
Example Values	COLUMN	CalendarYearMonth	2004-01
Description	COLUMN	CalendarYearQuarter	Calendar year and quarter
Example Values	COLUMN	CalendarYearQuarter	2004Q1
Comments	COLUMN	DateId	In the form: yyyymmdd
Description	COLUMN	DateId	Surrogate primary key
Example Values	COLUMN	DateId	20041123
Description	COLUMN	DateName	Standard Date Format of YYYY/MM/DD
Example Values	COLUMN	DateName	23-Nov-2004
Description	COLUMN	DateNameEU	Standard European Union Date Format of DD/MM/YYYY
Description	COLUMN	DateNameUS	Standard US Date Format of MM/DD/YYYY
Description	COLUMN	DayNameOfWeek	DayNameOfWeek
Example Values	COLUMN	DayNameOfWeek	Sunday
Description	COLUMN	DayOfMonth	Number of the day in the month
Example Values	COLUMN	DayOfMonth	1..31
Description	COLUMN	DayOfWeek	Number of the day of week; Sunday = 1
Example Values	COLUMN	DayOfWeek	1..7
Description	COLUMN	DayOfYear	Number of the day in the year
Example Values	COLUMN	DayOfYear	1..365
Description	COLUMN	FiscalMonthOfYear	Fiscal month of year (1..12). FY starts in [MONTH-NAME]
Example Values	COLUMN	FiscalMonthOfYear	1, 2, …, 12
Description	COLUMN	FiscalQuarter	FiscalQuarter
Example Values	COLUMN	FiscalQuarter	1, 2, 3, 4
Description	COLUMN	FiscalYear	Fiscal year. Fiscal year begins in [MONTH-NAME].
Example Values	COLUMN	FiscalYear	2004
Description	COLUMN	FiscalYearMonth	Fiscal year and month
Example Values	COLUMN	FiscalYearMonth	FY2004-01
Description	COLUMN	FiscalYearQuarter	Fiscal year and quarter

Example Values	COLUMN	FiscalYearQuarter	FY2004Q1
Description	COLUMN	FullDateTime	Full date as a SQL datetime2 (time=00:00:00.0000000)
Example Values	COLUMN	FullDateTime	11/23/2004 2004-12-31 23:59:59.9999999
Description	COLUMN	LastDayOfMonth	Is this the last day of the calendar month?
Example Values	COLUMN	LastDayOfMonth	Yes, No
Description	COLUMN	MonthName	MonthName
Example Values	COLUMN	MonthName	November
Description	COLUMN	MonthOfYear	MonthOfYear
Example Values	COLUMN	MonthOfYear	1, 2, …, 12
Description	COLUMN	WeekdayWeekend	Is today a weekday or a weekend
Example Values	COLUMN	WeekdayWeekend	Weekday, Weekend
Description	COLUMN	WeekOfYear	WeekOfYear
Example Values	COLUMN	WeekOfYear	1..52 or 53
Description	COLUMN	WorkDay	Is this a work day?
Example Values	COLUMN	WorkDay	Yes, No

Uses

Application

🗔 [Application].[DeliveryType]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
🔑 PK C	DeliveryTypeId	tinyint	1	NOT NULL	1 - 1	
⛁	DeliveryTypeName	nvarchar(50)	100	NOT NULL		
🔑 FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset( ))
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset( ))

Indexes

Key	Name	Key Columns	Unique
🔑 PK C	Application_DeliveryType_DeliveryTypeId	DeliveryTypeId	True
	Application_DeliveryType_DeliveryTypeName_Unique	DeliveryTypeName	True
	Application_DeliveryType_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_DeliveryType_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]

Application

Used By

[Purchasing].[PurchaseOrder]

▥ [Application].[EmailType]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	EmailTypeId *Primary key for email type records.*	tinyint	1	NOT NULL	1 - 1	
⛓	EmailTypeName *Email type description. For example, Work, Home.*	nvarchar(50)	100	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_EmailType_EmailTypeId	EmailTypeId	True
	Application_EmailType_EmailTypeName_Unique	EmailTypeName	True
	Application_EmailType_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_EmailType_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Application].[OrganizationEmail]
[Application].[PersonEmail]

▦ [Application].[Location]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	LocationId	int	4	NOT NULL	1 - 1	
(2) FK	OrganizationId	int	4	NOT NULL		
(2) FK	AddressId	int	4	NOT NULL		
(2) FK	AddressTypeId	tinyint	1	NOT NULL		
	LocationName	nvarchar(100)	200	NULL allowed		
	DeliverInstructions	nvarchar(max)	max	NULL allowed		
	IsDeliverOnSunday	bit	1	NOT NULL		
	IsDeliverOnSaturday	bit	1	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Location_LocationId	LocationId	True
	Application_Location_OrganizationId_AddressId_AddressTypeId	OrganizationId, AddressId, AddressTypeId	True
	Application_Location_AddressId	AddressId	
	Application_Location_AddressTypeId	AddressTypeId	
	Application_Location_OrganizationId	OrganizationId	
	Application_Location_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_Location_Application_Address	AddressId->[Application].[Address].[AddressId]
Application_Location_Application_AddressType	AddressTypeId->[Application].[AddressType].[Address-TypeId]

Application_Location_Application_Organization	OrganizationId->[Application].[Organization].[Organization-Id]
Application_Location_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Address]
[Application].[AddressType]
[Application].[Organization]
[Application].[Person]
Application

Used By

[Application].[LocationPhone]

⊞ [Application].[LocationPhone]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	LocationPhoneId	int	4	NOT NULL	1 - 1	
(2) FK	LocationId	int	4	NOT NULL		
(2) FK	PhoneTypeId	tinyint	1	NOT NULL		
	PhoneNumber	nvarchar(50)	100	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_LocationPhone_LocationPhoneId	LocationPhone-Id	True
	Application_LocationPhone_LocationId_PhoneTypeId_PhoneNumber	LocationId, PhoneTypeId, PhoneNumber	True
	Application_LocationPhone_LocationId	LocationId	
	Application_LocationPhone_PhoneTypeId	PhoneTypeId	
	Application_LocationPhone_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_LocationPhone_Application_Location	LocationId->[Application].[Location].[LocationId]
Application_LocationPhone_Application_PhoneType	PhoneTypeId->[Application].[PhoneType].[PhoneTypeId]
Application_LocationPhone_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Location]
[Application].[Person]
[Application].[PhoneType]

Application

🖻 [Application].[Number]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
PK 🔑 C	NumberId	bigint	8	NOT NULL
	NumberWord	varchar(500)	500	NULL allowed
	BinaryNumber	varchar(16)	16	NULL allowed
	HexNumber	varchar(16)	16	NULL allowed
	EvenOdd	varchar(4)	4	NULL allowed
	RomanNumeral	varchar(9)	9	NULL allowed
	Ones	tinyint	1	NULL allowed
	Tens	tinyint	1	NULL allowed
	Hundreds	tinyint	1	NULL allowed
	Thousands	tinyint	1	NULL allowed
	TenThousands	tinyint	1	NULL allowed
	HundredThousands	tinyint	1	NULL allowed
	Millions	tinyint	1	NULL allowed
	TenMillions	tinyint	1	NULL allowed
	HundredMillions	tinyint	1	NULL allowed
	Billions	tinyint	1	NULL allowed
	TenBillions	tinyint	1	NULL allowed
	HundredBillions	tinyint	1	NULL allowed
	Trillions	tinyint	1	NULL allowed
	TenTrillions	tinyint	1	NULL allowed
	HundredTrillions	tinyint	1	NULL allowed
	Quadrillions	tinyint	1	NULL allowed
	TenQuadrillions	tinyint	1	NULL allowed
	HundredQuadrillions	tinyint	1	NULL allowed
	Quintillions	tinyint	1	NULL allowed

Indexes

Key	Name	Key Columns	Unique
PK 🔑 C	Application_Number_NumberId	NumberId	True

Uses

Application

[Application].[Organization]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	OrganizationId	int	4	NOT NULL	1 - 1	
	OrganizationName	nvarchar(200)	400	NOT NULL		
	WebsiteURL	nvarchar(2083)	4166	NULL allowed		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Organization_OrganizationId	OrganizationId	True
	Application_Organization_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_Organization_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Application].[Location]
[Application].[OrganizationEmail]
[Application].[OrganizationPerson]
[Application].[OrganizationPhone]
[Purchasing].[Supplier]
[Sales].[Customer]

📧 [Application].[OrganizationEmail]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
🔑PK C	OrganizationEmailId *Primary key for organization email records.*	int	4	NOT NULL	1 - 1	
⛓(2)🔑FK	OrganizationId *Foreign key to Organization.*	int	4	NOT NULL		
⛓(2)🔑FK	EmailTypeId *Foreign key to EmailType.*	tinyint	1	NOT NULL		
⛓	EmailAddress *Organizations Email Address*	nvarchar(254)	508	NULL allowed		
⛓🔑FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
🔑PK C	Application_OrganizationEmail_OrganizationEmailId	Organization-EmailId	True
	Application_OrganizationEmail_OrganizationId_EmailId_EmailTypeId	OrganizationId, EmailTypeId, EmailAddress	True
	Application_OrganizationEmail_EmailTypeId	EmailTypeId	
	Application_OrganizationEmail_OrganizationId	OrganizationId	
	Application_OrganizationEmail_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_OrganizationEmail_Application_EmailType	EmailTypeId->[Application].[EmailType].[EmailTypeId]
Application_OrganizationEmail_Application_Person	OrganizationId->[Application].[Organization].[Organization-Id]
Application_OrganizationEmail_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[EmailType]
[Application].[Organization]
[Application].[Person]
Application

⊞ [Application].[OrganizationPerson]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	OrganizationPersonId	int	4	NOT NULL	1 - 1	
(2) FK	OrganizationId	int	4	NOT NULL		
(2) FK	PersonId	int	4	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_OrganizationPerson_OrganizationPersonId	OrganizationPersonId	True
	Application_OrganizationPerson_OrganizationId_PersonId	OrganizationId, PersonId	True
	Application_OrganizationPerson_OrganizationId	OrganizationId	
	Application_OrganizationPerson_PersonId	PersonId	
	Application_OrganizationPerson_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_OrganizationPerson_Application_-Organization	OrganizationId->[Application].[Organization].[OrganizationId]
Application_OrganizationPerson_Application_Person	PersonId->[Application].[Person].[PersonId]
Application_OrganizationPerson_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Organization]
[Application].[Person]
Application

⊞ [Application].[OrganizationPhone]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Default
PK C (2)	OrganizationPhoneId	int	4	NOT NULL	
FK	OrganizationId	int	4	NOT NULL	
(2) FK	PhoneTypeId	tinyint	1	NOT NULL	
	PhoneNumber	nvarchar(50)	100	NULL allowed	
FK	RowUpdatePersonId	int	4	NOT NULL	
	RowUpdateTime	datetimeoffset	10	NOT NULL	(sysdatetimeoffset()))
	RowCreateTime	datetimeoffset	10	NOT NULL	(sysdatetimeoffset()))

Indexes

Key	Name	Key Columns	Unique
PK C	Application_OrganizationPhone_OrganizationPhoneId	Organization-PhoneId	True
	Application_OrganizationPhone_OrganizationPhoneId_PhoneTypeId_Phone-Number	Organization-PhoneId, PhoneTypeId, PhoneNumber	True
	Application_OrganizationPhone_PersonId	Organization-PhoneId	
	Application_OrganizationPhone_PhoneTypeId	PhoneTypeId	
	Application_OrganizationPhone_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_OrganizationPhone_Application_-Organization	OrganizationId->[Application].[Organization].[Organization-Id]
Application_OrganizationPhone_Application_PhoneType	PhoneTypeId->[Application].[PhoneType].[PhoneTypeId]
Application_OrganizationPhone_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Organization]

[Application].[Person]
[Application].[PhoneType]
Application

⊞ [Application].[Person]

Columns

Key	Name	Data Type	Persisted	Computed	Max Length (Bytes)	Nullability	Identity	Default
PK C	PersonId *Primary key for person records.*	int			4	NOT NULL	1 - 1	
	UserName	nvarchar(256)			512	NULL allowed		
	NormalizedUserName	nvarchar(256)			512	NULL allowed		
	EmailAddress	nvarchar(256)			512	NULL allowed		
	NormalizedEmail-Address	nvarchar(256)			512	NULL allowed		
	IsEmailAddress-ConfirmedFlag	bit			1	NOT NULL		((0))
	PasswordHash	nvarchar(max)			max	NULL allowed		
	SecurityStamp	nvarchar(max)			max	NULL allowed		
	ConcurrencyStamp	nvarchar(max)			max	NULL allowed		
	PhoneNumber	nvarchar(max)			max	NULL allowed		
	IsPhoneNumber-ConfirmedFlag	bit			1	NOT NULL		((0))
	IsTwoFactorEnabled-Flag	bit			1	NOT NULL		((0))
	LockoutEnd	datetimeoffset			10	NULL allowed		
	IsLockoutEnabledFlag	bit			1	NOT NULL		((0))
	AccessFailedCount	int			4	NOT NULL		((0))
	Title *A courtesy title. For example, Mr. or Ms.*	nvarchar(10)			20	NULL allowed		
	FirstName *First name of the person.*	nvarchar(100)			200	NULL allowed		
	LastName *Last name of the person.*	nvarchar(100)			200	NULL allowed		

	Suffix *Surname suffix. For example, Sr. or Jr.*	nvarchar(10)			20	NULL allowed		
	NickName *Nickname of the person.*	nvarchar(100)			200	NULL allowed		
	SearchName	nvarchar(314)	True	True	628	NOT NULL		
	IsOptOutFlag *0 = Person does not wish to receive e-mail promotions, 1 = Person does wish to receive e-mail promotions.*	bit			1	NULL allowed		
FK	RowUpdatePersonId	int			4	NOT NULL		
	RowUpdateTime	datetimeoffset			10	NOT NULL		(sysdat etimeof fset())
	RowCreateTime	datetimeoffset			10	NOT NULL		(sysdat etimeof fset())

Computed columns

Name	Column definition
SearchName	(TRIM(concat(isnull(TRIM([NickName])+' ',''),isnull(TRIM([FirstName])+' ',''),isnull(TRIM([Last-Name])+' ',''),isnull(TRIM([Suffix])+'',''))))

Indexes

Key	Name	Key Columns	Unique
PK	Application_Person_PersonId	PersonId	True
	Application_Person_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_Person_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

Application

Used By

[Application].[Address]
[Application].[AddressType]
[Application].[Attribute]

[Application].[AttributeTerm]
[Application].[Category]
[Application].[CityTown]
[Application].[CountryRegion]
[Application].[DeliveryType]
[Application].[EmailType]
[Application].[Location]
[Application].[LocationPhone]
[Application].[Organization]
[Application].[OrganizationEmail]
[Application].[OrganizationPerson]
[Application].[OrganizationPhone]
[Application].[PersonClaim]
[Application].[PersonEmail]
[Application].[PersonLogin]
[Application].[PersonPhone]
[Application].[PersonRole]
[Application].[PersonToken]
[Application].[PhoneType]
[Application].[Product]
[Application].[ProductCategory]
[Application].[ProductItem]
[Application].[ProductVariant]
[Application].[Residence]
[Application].[StateProvince]
[Application].[UnitType]
[Purchasing].[PurchaseOrder]
[Purchasing].[PurchaseOrderLine]
[Purchasing].[Supplier]
[Sales].[Customer]

[Application].[PersonClaim]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
PK C	PersonClaimId	int	4	NOT NULL	1 - 1
FK	PersonId	int	4	NOT NULL	
	ClaimType	nvarchar(max)	max	NULL allowed	
	ClaimValue	nvarchar(max)	max	NULL allowed	

Indexes

Key	Name	Key Columns	Unique
PK C	Application_PersonClaim_PersonClaimId	PersonClaimId	True

Foreign Keys

Name	Columns
Application_PersonClaim_Application_Person	PersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

⊞ [Application].[PersonEmail]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	PersonEmailId *Primary key for person email records.*	int	4	NOT NULL	1 - 1	
(2) FK	PersonId *Foreign key to Person.*	int	4	NOT NULL		
(2) FK	EmailTypeId *Foreign key to EmailType.*	tinyint	1	NOT NULL		
⊹	EmailAddress *Persons Email Address*	nvarchar(254)	508	NULL allowed		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_PersonEmail_PersonEmailId	PersonEmailId	True
	Application_PersonEmail_PersonId_EmailId_EmailTypeId	PersonId, Email-TypeId, Email-Address	True
	Application_PersonEmail_EmailTypeId	EmailTypeId	
	Application_PersonEmail_PersonId	PersonId	
	Application_PersonEmail_RowUpdatePersonId	RowUpdatePerson-Id	

Foreign Keys

Name	Columns
Application_PersonEmail_Application_EmailType	EmailTypeId->[Application].[EmailType].[EmailTypeId]
Application_PersonEmail_Application_Person	PersonId->[Application].[Person].[PersonId]
Application_PersonEmail_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[EmailType]
[Application].[Person]
Application

⊞ [Application].[PersonLogin]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
PK C	LoginProvider	nvarchar(128)	256	NOT NULL
PK C	ProviderKey	nvarchar(128)	256	NOT NULL
	ProviderDisplayName	nvarchar(max)	max	NULL allowed
FK	PersonId	int	4	NOT NULL

Indexes

Key	Name	Key Columns	Unique
PK C	PK_AspNetUserLogins	LoginProvider, ProviderKey	True

Foreign Keys

Name	Columns
Application_PersonLogin_Application_Person	PersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

⊞ [Application].[PersonPhone]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Default
PK C	PersonPhoneId	int	4	NOT NULL	
(2) FK	PersonId	int	4	NOT NULL	
(2) FK	PhoneTypeId	tinyint	1	NOT NULL	
	PhoneNumber	nvarchar(50)	100	NULL allowed	
FK	RowUpdatePersonId	int	4	NOT NULL	
	RowUpdateTime	datetimeoffset	10	NOT NULL	(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL	(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_PersonPhone_PersonPhoneId	PersonPhoneId	True
	Application_PersonPhone_PersonId_PhoneTypeId_PhoneNumber	PersonId, PhoneTypeId, PhoneNumber	True
	Application_PersonPhone_PersonId	PersonId	
	Application_PersonPhone_PhoneTypeId	PhoneTypeId	
	Application_PersonPhone_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_PersonPhone_Application_Person	PersonId->[Application].[Person].[PersonId]
Application_PersonPhone_Application_PhoneType	PhoneTypeId->[Application].[PhoneType].[PhoneTypeId]
Application_PersonPhone_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
[Application].[PhoneType]
Application

[Application].[PersonRole]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
PK C FK	PersonId	int	4	NOT NULL
PK C FK	RoleId	int	4	NOT NULL

Indexes

Key	Name	Key Columns	Unique
PK C	Application_PersonRole_PersonRoleId_RoleId	PersonId, RoleId	True

Foreign Keys

Name	Delete	Columns
Application_PersonRole_Application_Person		PersonId->[Application].[Person].[PersonId]
Application_PersonRole_Application_Role	Cascade	RoleId->[Application].[Role].[RoleId]

Uses

[Application].[Person]
[Application].[Role]
Application

▦ [Application].[PersonToken]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
PK C FK	PersonId	int	4	NOT NULL
PK C	LoginProvider	nvarchar(128)	256	NOT NULL
PK C	PersonTokenName	nvarchar(128)	256	NOT NULL
	PersonTokenValue	nvarchar(max)	max	NULL allowed

Indexes

Key	Name	Key Columns	Unique
PK C	Application_PersonToken_PersonId_LoginProvider_PersonTokenName	PersonId, Login-Provider, PersonToken-Name	True

Foreign Keys

Name	Columns
Application_PersonToken_Application_Person	PersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

▦ [Application].[PhoneType]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	PhoneTypeId	tinyint	1	NOT NULL	1 - 1	
	PhoneTypeName	nvarchar(20)	40	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_PhoneType_PhoneTypeId	PhoneTypeId	True
	Application_PhoneType_PhoneTypeName_Unique	PhoneTypeName	True
	Application_PhoneType_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_PhoneType_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Application].[LocationPhone]
[Application].[OrganizationPhone]
[Application].[PersonPhone]

⊞ [Application].[Product]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	ProductId	int	4	NOT NULL	1 - 1	
	ProductName	nvarchar(200)	400	NOT NULL		
	ProductSlug	nvarchar(400)	800	NOT NULL		
	ImageJSON	nvarchar(max)	max	NULL allowed		
	ProductDescription	nvarchar(max)	max	NULL allowed		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Product_ProductId	ProductId	True
	Application_Product_ProductName	ProductName	True
	Application_Product_ProductSlug	ProductSlug	True
	Application_Product_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_Product_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Application].[ProductCategory]
[Application].[ProductItem]

[Application].[ProductCategory]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	ProductCategoryId	int	4	NOT NULL	1 - 1	
FK	ProductId	int	4	NOT NULL		
FK	CategoryId	int	4	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset()))
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset()))

Indexes

Key	Name	Key Columns	Unique
PK C	Application_ProductCategory_ProductCategoryId	ProductCategoryId	True
	Application_ProductCategory_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_ProductCategory_Application_Category	CategoryId->[Application].[Category].[CategoryId]
Application_ProductCategory_Application_Product	ProductId->[Application].[Product].[ProductId]
Application_ProductCategory_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Category]
[Application].[Person]
[Application].[Product]
Application

[Application].[ProductItem]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	ProductItemId	int	4	NOT NULL	1 - 1	
FK	ProductId	int	4	NOT NULL		
	UPC	varchar(12)	12	NULL allowed		
	IsEnableFlag	bit	1	NOT NULL		
	IsVirtualFlag	bit	1	NOT NULL		
	RegularPrice	decimal(18,2)	9	NOT NULL		
	SalePrice	decimal(18,2)	9	NULL allowed		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_ProductItem_ProductItemId	ProductItemId	True
	Application_ProductItem_ProductId	ProductId	
	Application_ProductItem_RowUpdatePersonId	RowUpdatePersonId	

Check Constraints

Name	On Column	Constraint
Application_ProductItem_RegularPrice_Greater_Than_Zero	RegularPrice	([RegularPrice]>=(0))
Application_ProductItem_SalePrice_Greater_Than_Zero	SalePrice	([SalePrice]>=(0))
Application_ProductItem_SalePrice_LessEqual_To_RegularPrice		([SalePrice]<=[Regular-Price])

Foreign Keys

Name	Columns

Application_ProductItem_Application_Product	ProductId->[Application].[Product].[ProductId]
Application_ProductItem_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
[Application].[Product]
Application

Used By

[Application].[ProductVariant]
[Purchasing].[PurchaseOrderLine]

🗔 [Application].[ProductVariant]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	ProductVariantId	int	4	NOT NULL	1 - 1	
FK	ProductItemId	int	4	NOT NULL		
FK	AttributeTermId	int	4	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_ProductVariant_ProductVariantId	ProductVariantId	True
	Application_ProductVariant_AttributeTermId	AttributeTermId	
	Application_ProductVariant_ProductItemId	ProductItemId	
	Application_ProductVariant_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_ProductVariant_Application_AttributeTerm	AttributeTermId->[Application].[AttributeTerm].[AttributeTermId]
Application_ProductVariant_Application_ProductItem	ProductItemId->[Application].[ProductItem].[ProductItemId]
Application_ProductVariant_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[AttributeTerm]
[Application].[Person]
[Application].[ProductItem]
Application

⊞ [Application].[Residence]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	ResidenceId *Primary key for residence records.*	int	4	NOT NULL	1 - 1	
(2) FK	PersonId *Foreign key to Person.*	int	4	NOT NULL		
(2) FK	AddressId *Foreign key to Address.*	int	4	NOT NULL		
(2) FK	AddressTypeId *Foreign key to AddressType.*	tinyint	1	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Residence_ResidenceId	ResidenceId	True
	Application_Residence_PersonId_AddressId_AddressTypeId	PersonId, AddressId, AddressTypeId	True
	Application_Residence_AddressId	AddressId	
	Application_Residence_AddressTypeId	AddressTypeId	
	Application_Residence_PersonId	PersonId	
	Application_Residence_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_Residence_Application_Address	AddressId->[Application].[Address].[AddressId]
Application_Residence_Application_AddressType	AddressTypeId->[Application].[AddressType].[Address-TypeId]
Application_Residence_Application_Person	PersonId->[Application].[Person].[PersonId]
Application_Residence_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Address]
[Application].[AddressType]
[Application].[Person]
Application

🔲 [Application].[Role]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
🔑 PK C	RoleId	int	4	NOT NULL
	RoleName	nvarchar(256)	512	NULL allowed
	RoleNormalizedName	nvarchar(256)	512	NULL allowed
	ConcurrencyStamp	nvarchar(max)	max	NULL allowed

Indexes

Key	Name	Key Columns	Unique
🔑 PK C	Application_Role_RoleId	RoleId	True

Uses

Application

Used By

[Application].[PersonRole]
[Application].[RoleClaim]

⊞ [Application].[RoleClaim]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
🔑	RoleClaimId	int	4	NOT NULL	1 - 1
🔑	RoleId	int	4	NOT NULL	
	ClaimType	nvarchar(max)	max	NULL allowed	
	ClaimValue	nvarchar(max)	max	NULL allowed	

Indexes

Key	Name	Key Columns	Unique
🔑	Application_RoleClaim_RoleClaimId	RoleClaimId	True

Foreign Keys

Name	Columns
Application_RoleClaim_Application_Role	RoleId->[Application].[Role].[RoleId]

Uses

[Application].[Role]
Application

⊞ [Application].[StateProvince]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Default
PK C	StateProvinceId *Primary key for state or province records.*	int	4	NOT NULL	
FK	CountryRegionId *Country for this StateProvince*	int	4	NOT NULL	
	StateProvinceCode *Common code for this state or province (such as WA - Washington for the USA)*	nvarchar(5)	10	NULL allowed	
(2)	StateProvinceName *Formal name of the state or province*	nvarchar(50)	100	NOT NULL	
FK	RowUpdatePersonId	int	4	NOT NULL	
	RowUpdateTime	datetimeoffset	10	NOT NULL	(sysdatetime offset())
	RowCreateTime	datetimeoffset	10	NOT NULL	(sysdatetime offset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_StateProvince_StateProvinceId	StateProvinceId	True
	Application_StateProvince_CountryRegionId_StateProvinceCode_State-ProvinceName	CountryRegion-Id, State-ProvinceCode, StateProvince-Name	True
	Application_StateProvince_StateProvinceName	StateProvince-Name	True
	Application_StateProvince_RowUpdatePersonId	RowUpdate-PersonId	

Foreign Keys

Name	Columns
Application_StateProvince_Application_CountryRegion	CountryRegionId->[Application].[CountryRegion].[Country-RegionId]
Application_StateProvince_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[CountryRegion]
[Application].[Person]
Application

Used By

[Application].[CityTown]

⊞ [Application].[Time]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability
PK C	TimeId	int	4	NOT NULL
	Hour24	int	4	NOT NULL
	Hour24Short	char(2)	2	NOT NULL
	Hour24Medium	char(5)	5	NOT NULL
	Hour24Full	char(8)	8	NOT NULL
	Hour12	int	4	NOT NULL
	Hour12Short	char(5)	5	NOT NULL
	Hour12ShortTrim	varchar(5)	5	NOT NULL
	Hour12Medium	char(8)	8	NOT NULL
	Hour12MediumTrim	varchar(8)	8	NOT NULL
	Hour12Full	char(11)	11	NOT NULL
	Hour12FullTrim	varchar(11)	11	NOT NULL
	AMPMCode	bit	1	NOT NULL
	AMPM	char(2)	2	NOT NULL
	Minute	int	4	NOT NULL
	MinuteOfDay	int	4	NOT NULL
	MinuteCode	int	4	NOT NULL
	MinuteShort	char(2)	2	NOT NULL
	Minute24Full	char(8)	8	NOT NULL
	Minute12Full	char(11)	11	NOT NULL
	Minute12FullTrim	varchar(14)	14	NOT NULL
	HalfHourCode	int	4	NOT NULL
	HalfHour	bit	1	NOT NULL
	HalfHourShort	char(2)	2	NOT NULL
	HalfHour24Full	char(8)	8	NOT NULL
	HalfHour12Full	char(11)	11	NOT NULL
	HalfHour12FullTrim	varchar(14)	14	NOT NULL
	Second	int	4	NOT NULL
	SecondOfDay	int	4	NOT NULL
	SecondShort	char(2)	2	NOT NULL
	FullTime24	char(8)	8	NOT NULL
	FullTime12	char(11)	11	NOT NULL
	FullTime12Trim	varchar(14)	14	NOT NULL
	FullTime	time	5	NOT NULL

Indexes

Key	Name	Key Columns	Unique
PK C	Application_Time_Time_Key	TimeId	True

Uses

Application

⊞ [Application].[UnitType]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	UnitTypeId *Primary key for unit type records.*	tinyint	1	NOT NULL	1 - 1	
	UnitTypeName *Unit type description. For example, Each, Bag, Pallet.*	nvarchar(50)	100	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetime offset())

Indexes

Key	Name	Key Columns	Unique
PK C	Application_UnitType_EmailTypeId	UnitTypeId	True
	Application_UnitType_EmailTypeName_Unique	UnitTypeName	True
	Application_UnitType_RowUpdatePersonId	RowUpdatePersonId	

Foreign Keys

Name	Columns
Application_UnitType_Application_RowUpdatePerson	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Person]
Application

Used By

[Purchasing].[PurchaseOrderLine]

📑 [Purchasing].[PurchaseOrder]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK 🔑 C	PurchaseOrderId	int	4	NOT NULL	1000 - 1	
FK 🔑	SupplierId	int	4	NOT NULL		
	OrderDate	datetimeoffset	10	NOT NULL		
	ExpectedDeliveryDate	datetimeoffset	10	NULL allowed		
FK 🔑	DeliveryTypeId	tinyint	1	NOT NULL		
FK 🔑	ContactPersonId	int	4	NOT NULL		
	SupplierReference	nvarchar(20)	40	NULL allowed		
	IsOrderFinalizedFlag	bit	1	NOT NULL		
	Comment	nvarchar(max)	max	NULL allowed		
FK 🔑	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK 🔑 C	Purchasing_PurchaseOrder_PurchaseOrderId	PurchaseOrderId	True
	Purchasing_PurchaseOrder_ContactPersonId	ContactPersonId	
	Purchasing_PurchaseOrder_DeliveryTypeId	DeliveryTypeId	
	Purchasing_PurchaseOrder_RowUpdatePersonId	RowUpdatePersonId	
	Purchasing_PurchaseOrder_SupplierId	SupplierId	

Foreign Keys

Name	Columns
Purchasing_PurchaseOrder_Application_ContactPerson	ContactPersonId->[Application].[Person].[PersonId]

Purchasing_PurchaseOrder_Application_DeliveryType	DeliveryTypeId->[Application].[DeliveryType].[Delivery-TypeId]
Purchasing_PurchaseOrder_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]
Purchasing_PurchaseOrder_Application_Supplier	SupplierId->[Purchasing].[Supplier].[SupplierId]

Extended Properties

Name	Level 2 Type	Level 2 Name	Value
Description			Details of supplier purchase orders
Description	COLUMN	Comment	Any comments related this purchase order (comments sent to the supplier)
Description	COLUMN	ContactPersonId	The person who is the primary contact for this purchase order
Description	COLUMN	DeliveryTypeId	How this purchase order should be delivered
Description	COLUMN	ExpectedDeliveryDate	Expected delivery date for this purchase order
Description	COLUMN	IsOrderFinalizedFlag	Is this purchase order now considered finalized?
Description	COLUMN	OrderDate	Date that this purchase order was raised
Description	COLUMN	PurchaseOrderId	Numeric Id used for reference to a purchase order within the database
Description	COLUMN	SupplierId	Supplier for this purchase order
Description	COLUMN	SupplierReference	Supplier reference for our organization (might be our account number at the supplier)

Uses

[Application].[DeliveryType]
[Application].[Person]
[Purchasing].[Supplier]
Purchasing

Used By

[Purchasing].[PurchaseOrderLine]

⊞ [Purchasing].[PurchaseOrderLine]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	PurchaseOrderLineId	int	4	NOT NULL	1 - 1	
FK	PurchaseOrderId	int	4	NOT NULL		
FK	ProductItemId	int	4	NOT NULL		
FK	UnitTypeId	tinyint	1	NOT NULL		
⊞	QuantityOrdered	int	4	NOT NULL		
⊞	QuantityReceived	int	4	NOT NULL		
⊞	UnitPrice	decimal(18,2)	9	NOT NULL		
⊞	DiscountPercentage	decimal(18,3)	9	NULL allowed		
⊞	NetAmount	decimal(18,2)	9	NOT NULL		
	IsOrderLineFinalizedFlag	bit	1	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Purchasing_PurchaseOrderLine_PurchaseOrderLineId	PurchaseOrderLineId	True

Check Constraints

Name	On Column	Constraint
Purchasing_PurchaseOrderLine_DiscountPercentage_Zero_To_One_-Hundred	Discount-Percentage	([Discount-Percentage]>=(0) AND [Discount-Percentage]<=(100))
Purchasing_PurchaseOrderLine_NetAmount_Greater_Than_Zero	NetAmount	([Net-Amount]>=(0))
Purchasing_PurchaseOrderLine_QuantityOrdered_Greater_Than_Zero	QuantityOrdered	([Quantity-Ordered]>=(0))
Purchasing_PurchaseOrderLine_QuantityReceived_Greater_Than_Zero	Quantity-Received	([Quantity-Received]>=(0))

Purchasing_PurchaseOrderLine_UnitPrice_Greater_Than_Zero	UnitPrice	([Unit-Price]>=(0))

Foreign Keys

Name	Columns
Purchasing_PurchaseOrderLine_Application_ProductItem	ProductItemId->[Application].[ProductItem].[ProductItem-Id]
Purchasing_PurchaseOrderLine_Application_RowUpdate-Person	RowUpdatePersonId->[Application].[Person].[PersonId]
Purchasing_PurchaseOrderLine_Application_UnitType	UnitTypeId->[Application].[UnitType].[UnitTypeId]
Purchasing_PurchaseOrderLine_Purchasing_Purchase-Order	PurchaseOrderId->[Purchasing].[Purchase-Order].[PurchaseOrderId]

Extended Properties

Name	Level 2 Type	Level 2 Name	Value
Description			Detail lines from supplier purchase order
Description	COLUMN	DiscountPercentage	The discount percent that we expect to receive
Description	COLUMN	IsOrderLineFinalizedFlag	Is this purchase order line now considered finalized? (Receipted quantities and weights are often not precise)
Description	COLUMN	NetAmount	The net amount that we expect to be charged
Description	COLUMN	ProductItemId	Stock item for this purchase order line
Description	COLUMN	PurchaseOrderId	Purchase order that this line is associated with
Description	COLUMN	PurchaseOrderLineId	Numeric ID used for reference to a line on a purchase order within the database
Description	COLUMN	QuantityOrdered	Quantity of the stock item that is ordered
Description	COLUMN	QuantityReceived	Total quantity of the stock item that has been received so far
Description	COLUMN	UnitPrice	The unit price that we expect to be charged
Description	COLUMN	UnitTypeId	Type of package received

Uses

[Application].[Person]
[Application].[ProductItem]
[Application].[UnitType]
[Purchasing].[PurchaseOrder]
Purchasing

▦ [Purchasing].[Supplier]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	SupplierId	int	4	NOT NULL	1 - 1	
FK	OrganizationId	int	4	NOT NULL		
▦	PaymentDays	int	4	NOT NULL		
	InternalComment	nvarchar(max)	max	NULL allowed		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset ())

Indexes

Key	Name	Key Columns	Unique
PK C	Purchasing_Supplier_SupplierId	SupplierId	True
	Purchasing_Supplier_OrganizationId	OrganizationId	
	Purchasing_Supplier_RowUpdatePersonId	RowUpdatePersonId	

Check Constraints

Name	On Column	Constraint
Purchasing_Supplier_PaymentDays_Greater_Than_Zero	PaymentDays	([PaymentDays]>=(0))

Foreign Keys

Name	Columns
Purchasing_Supplier_Application_Organization	OrganizationId->[Application].[Organization].[OrganizationId]
Purchasing_Supplier_Application_Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Organization]
[Application].[Person]

Purchasing

Used By

[Purchasing].[PurchaseOrder]

[Sales].[Customer]

Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
PK C	CustomerId	int	4	NOT NULL	1 - 1	
FK	OrganizationId	int	4	NOT NULL		
	CreditLimit	decimal(18,2)	9	NULL allowed		
	PaymentDays	int	4	NOT NULL		
	IsOnCreditHoldFlag	bit	1	NOT NULL		
	AccountOpenedDate	datetimeoffset	10	NOT NULL		
	StandardDiscountPercentage	decimal(18,3)	9	NOT NULL		
FK	RowUpdatePersonId	int	4	NOT NULL		
	RowUpdateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())
	RowCreateTime	datetimeoffset	10	NOT NULL		(sysdatetimeoffset())

Indexes

Key	Name	Key Columns	Unique
PK C	Sales_Customer_CustomerId	CustomerId	True
	Sales_Customer_OrganizationId	OrganizationId	
	Sales_Customer_RowUpdatePersonId	RowUpdatePersonId	

Check Constraints

Name	On Column	Constraint
Sales_Customer_CreditLimit_Greater_Than_Zero	CreditLimit	([CreditLimit]>=(0))
Sales_Customer_PaymentDays_Greater_Than_Zero	PaymentDays	([PaymentDays]>=(0))
Sales_Customer_StandardDiscountPercentage_Greater_Zero_To_One_-Hundred	StandardDiscountPercentage	([StandardDiscountPercentage]>=(0) AND [StandardDiscountPercentage]<=(100))

Foreign Keys

Name	Columns
Sales_Customer_Application_Organization	OrganizationId->[Application].[Organization].[OrganizationId]
Sales_Customer_Application_Person	RowUpdatePersonId->[Application].[Person].[PersonId]

Uses

[Application].[Organization]
[Application].[Person]
Sales

∧ *Schemas*

Objects

Name
Application
Purchasing
Sales
Warehouse

⋀ Application

Properties

⋀ Purchasing

Properties

⋀ Sales

Properties

⋀ Warehouse

Properties