
Diagram Report

hotel.DM1
Version

Grupo JAL
Last Modified 10/04/2025
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Diagram Summary Report

Name	Author	Description
hotel.DM1		

Diagram Detail Reports

hotel.DM1

Diagram Name hotel.DM1
Description
Author
Company
Version
Copyright
Copyright Year

Bound Attachments

Name	Current Value
------	---------------

Model Summary Report

Name

Logical
hoteljal

DatabasePlatform

Logical
Microsoft SQL Server 2017

Model Detail Reports

Logical

Model Name Logical
Database Logical
Platform
Model Notation Physical

Security Properties

Name	Current Value
------	---------------

Bound Attachments

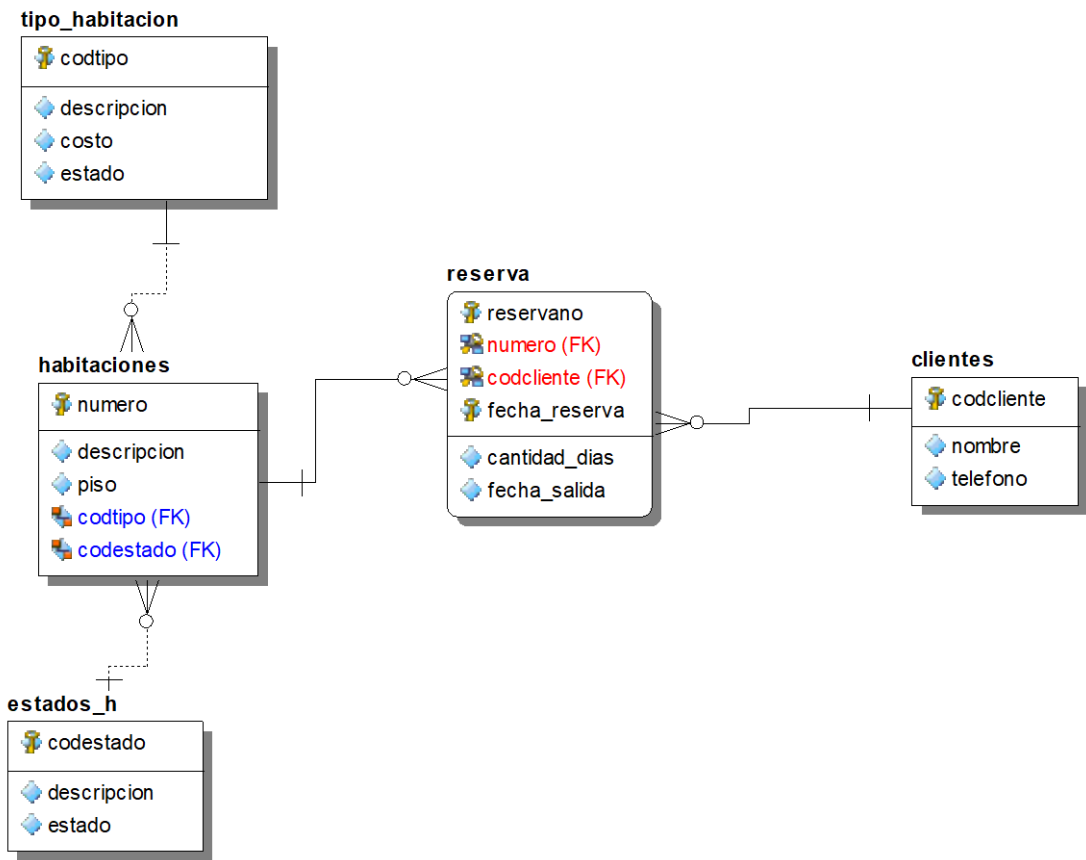
Name	Current Value
------	---------------

Submodel Summary Report

Name	DatabasePlatform
Main Model	Logical

Submodel Detail Reports

Main Model Image



Main Model

SubModel	Main Model
Name	
Database	Logical
Platform	
Parent	
SubModel	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Entity Summary Report

Entity Name	Entity Type	Primary Keys	# Attr
clientes	Independent	codcliente	3
estados_h	Independent	codestado	3
habitaciones	Independent	numero	5
reserva	Dependent	reservano,numero,codcliente,fecha_r eserva	6
tipo_habitacion	Independent	codtipo	4

Entity Detail Reports

clientes

Entity Name clientes
Owner Name
Logical Only NO
Entity Type Independent
Primary Keys codcliente
Definition
Notes

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object clientes
Model Name Logical
Is User Defined? NO
Denormalization Mappings

Mapped Object clientes
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Keys

Key Name	Key Type	Keys
PK3	PrimaryKey	codcliente

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
codcliente		VARCHAR(20)	N	
nombre		VARCHAR(150)	N	
telefono) VARCHAR(20)	N	

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
-------------	------	-------------	---------------	-------------	----------------	--------------	--------------

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
reserva	Identifying	One To Zero or More					NO

codcliente

Attribute Name	codcliente	Entity Name	clientes
Column Name	codcliente		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	codcliente
Parent Entity	clientes
Model Name	Logical
Is User Defined?	NO
Mapped Object	codcliente
Parent Table	clientes
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

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Note

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Logical Column Properties

Data Type	VARCHAR(20)	Width	20	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

nombre

Attribute Name	nombre	Entity Name	clientes
Column Name	nombre		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	nombre
Parent Entity	clientes
Model Name	Logical
Is User Defined?	NO
Mapped Object	nombre
Parent Table	clientes
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

--

Logical Column Properties

Data Type	VARCHAR(150)	Width	150	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

telefono

Attribute Name	telefono	Entity Name	clientes
Column Name	telefono		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	telefono
Parent Entity	clientes
Model Name	Logical
Is User Defined?	NO
Mapped Object	telefono
Parent Table	clientes
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(20)	Width	20	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

estados_h

Entity Name estados_h
Owner Name
Logical Only NO
Entity Type Independent
Primary Keys codestado
Definition
Notes

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object estados_h
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object estados_h
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Keys

Key Name	Key Type	Keys
PK5	PrimaryKey	codestado

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
codeestado		VARCHAR(10)	N	
descripcion		VARCHAR(150)	N	
estado) VARCHAR(1)	N	

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
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Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
-------------	------	-------------	---------------	-------------	----------------	--------------	--------------

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
habitacion es	Non-Id entifying	One To Zero or More					NO

codeestado

Attribute Name	codeestado	Entity Name	estados_h
Column Name	codeestado		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	codestado
Parent Entity	estados_h
Model Name	Logical
Is User Defined?	NO
Mapped Object	codestado
Parent Table	estados_h
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

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||
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Note

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||

Logical Column Properties

Data Type	VARCHAR(10)	Width	10	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint

Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

descripcion

Attribute Name	descripcion	Entity Name	estados_h
Column Name	descripcion		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	descripcion
Parent Entity	estados_h
Model Name	Logical
Is User Defined?	NO
Mapped Object	descripcion
Parent Table	estados_h
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(150)	Width	150	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

estado

Attribute Name	estado	Entity Name	estados_h
Column Name	estado		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	estado
Parent Entity	estados_h
Model Name	Logical
Is User Defined?	NO
Mapped Object	estado
Parent Table	estados_h
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

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Logical Column Properties

Data Type	VARCHAR(1)	Width	1	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

habitaciones

Entity Name habitaciones
Owner Name
Logical Only NO
Entity Type Independent
Primary Keys numero
Definition
Notes

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object habitaciones
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object habitaciones
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Keys

Key Name	Key Type	Keys
PK1	PrimaryKey	numero

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
numero		VARCHAR(10)	N	
descripcion		VARCHAR(150)	N	
)		
piso		VARCHAR(5)	N	
codtipo		VARCHAR(5)	N	
codestado		VARCHAR(10)	N	

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
tipo_habitacion	Non-Identifying	One To Zero or More				codtipo	NO
estados_habitacion	Non-Identifying	One To Zero or More				codestado	NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
reserva	Identifying	One To Zero or More					NO

numero

Attribute Name	numero	Entity Name	habitaciones
Column Name	numero		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	numero
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	numero
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

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Note

--

Logical Column Properties

Data Type	VARCHAR(10)	Width	10	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

descripcion

Attribute Name	descripcion	Entity Name	habitaciones
Column Name	descripcion		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	descripcion
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	descripcion
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

--

Logical Column Properties

Data Type	VARCHAR(150)	Width	150	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

piso

Attribute Name	piso	Entity Name	habitaciones
Column Name	piso		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	piso
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	piso
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(5)	Width	5	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

codtipo

Attribute Name	codtipo	Entity Name	habitaciones
Column Name	codtipo		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	YES	Parent Entity	tipo_habitacion

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codtipo
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	codtipo
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(5)	Width	5	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

codestado

Attribute Name	codestado	Entity Name	habitaciones
Column Name	codestado		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codestado
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	codestado
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(10)	Width	10	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

reserva

Entity Name reserva
Owner Name
Logical Only NO
Entity Type Dependent
Primary Keys reservano,numero,codcliente,fecha_reserva
Definition
Notes

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object reserva
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object reserva
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Keys

Key Name	Key Type	Keys
PK2	PrimaryKey	reservano, numero, codcliente,

fecha_reserva

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
reservano		VARCHAR(20)	N	
numero		VARCHAR(10)	N	
codcliente		VARCHAR(20)	N	
fecha_reserva		DATE	N	
cantidad_dias		VARCHAR(10)	N	
fecha_salida		DATE	N	

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
habitaciones	Identifying	One To Zero or More				numero	NO
clientes	Identifying	One To Zero or More				codcliente	NO

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
-------------	------	-------------	---------------	-------------	----------------	--------------	------------

reservano

Attribute Name	reservano	Entity Name	reserva
Column Name	reservano		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	reservano
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	reservano
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(20)	Width	20	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

numero

Attribute Name	numero	Entity Name	reserva
Column Name	numero		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	habitaciones

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	numero
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	numero
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

--

Logical Column Properties

Data Type	VARCHAR(10)	Width	10	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

codcliente

Attribute Name	codcliente	Entity Name	reserva
Column Name	codcliente		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codcliente
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	codcliente
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

fecha_reserva

Attribute Name	fecha_reserva	Entity Name	reserva
Column Name	fecha_reserva		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	fecha_reserva
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	fecha_reserva
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	DATE	Width	Scale
Nullable	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

cantidad_dias

Attribute Name	cantidad_dias	Entity Name	reserva
Column Name	cantidad_dias		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	cantidad_dias
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	cantidad_dias
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformati on Logic	Transformation Description
---------	--------------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(10)	Width	10	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

fecha_salida

Attribute Name	fecha_salida	Entity Name	reserva
Column Name	fecha_salida		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	fecha_salida
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	fecha_salida
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type		Width	Scale
Nullable	DATE		
	NO		
Identity	NO		

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

tipo_habitacion

Entity Name tipo_habitacion
Owner Name
Logical Only NO
Entity Type Independent
Primary Keys codtipo
Definition
Notes

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object tipo_habitacion
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object tipo_habitacion
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Keys

Key Name	Key Type	Keys
PK4	PrimaryKey	codtipo

Attributes

Attribute/Logical Rolename	Domain	Datatype	Null	Definition
codtipo		VARCHAR(5)	N	
descripcion		VARCHAR(150)	N	
costo		VARCHAR(20)	N	
estado		VARCHAR(1)	N	

Defaults, Rules and Check Constraints

Attribute	Type	Name	Restriction
-----------	------	------	-------------

Relationships

Parent Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype
-------------	------	-------------	---------------	-------------	----------------	--------------	--------------

Child Relationships:

Entity Name	Type	Cardinality	Business Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype
habitaciones	Non-Identifying	One To Zero or More					NO

codtipo

Attribute Name	codtipo	Entity Name	tipo_habitacion
Column Name	codtipo		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	codtipo
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	codtipo
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

||
||
||

Note

||
||
||

Logical Column Properties

Data Type	VARCHAR(5)	Width	5	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint

Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

descripcion

Attribute Name	descripcion	Entity Name	tipo_habitacion
Column Name	descripcion		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	descripcion
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	descripcion
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Logical Column Properties

Data Type	VARCHAR(150)	Width	150	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

costo

Attribute Name	costo	Entity Name	tipo_habitacion
Column Name	costo		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	costo
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	costo
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

--

Logical Column Properties

Data Type	VARCHAR(20)	Width	20	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

estado

Attribute Name	estado	Entity Name	tipo_habitacion
Column Name	estado		
Logical Role Name			
Role Name			
Logical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Entity	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	estado
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	estado
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

--

Logical Column Properties

Data Type	VARCHAR(1)	Width	1	Scale
Nullable	NO			
Identity	NO			

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Bound Default
Reference Value

Key Summary Report

Entity Name	Key Name	Key Type	Unique
clientes	PK3	PrimaryKey	YES
estados_h	PK5	PrimaryKey	YES
habitaciones	PK1	PrimaryKey	YES
reserva	PK2	PrimaryKey	YES
tipo_habitacion	PK4	PrimaryKey	YES

Key Detail Reports

PK3

Key Name	PK3
Entity Name	clientes
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	codcliente

[Bound Attachments](#)

Name	Current Value
------	---------------

PK5

Key Name	PK5
Entity Name	estados_h
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	codestado

Bound Attachments

Name	Current Value
------	---------------

PK1

Key Name	PK1
Entity Name	habitaciones
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	numero

Bound Attachments

Name	Current Value
------	---------------

PK2

Key Name	PK2
Entity Name	reserva
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	reservano,numero,codcliente,fecha_reserva

[Bound Attachments](#)

Name	Current Value
------	---------------

PK4

Key Name	PK4
Entity Name	tipo_habitacion
Logical Only	NO
Key Type	PrimaryKey
Key Type	PrimaryKey
Unique	YES
Keys	codtipo

Bound Attachments

Name	Current Value
------	---------------

Relationship Summary Report

Parent Entity	Child Entity	Relationship Type	No of Keys
tipo_habitacion	habitaciones	Non-Identifying	1
habitaciones	reserva	Identifying	1
clientes	reserva	Identifying	1
estados_h	habitaciones	Non-Identifying	1

Relationship Detail Reports

Relationship: tipo_habitacion to habitaciones

Relationship Name	
Relationship	
Business Name	
Relationship Type	Non-Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	tipo_habitacion
Child Entity	habitaciones
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
codtipo	codtipo

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: habitaciones to reserva

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	habitaciones
Child Entity	reserva
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
numero	numero

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: clientes to reserva

Relationship Name	
Relationship Business Name	
Relationship Type	Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	clientes
Child Entity	reserva
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
codcliente	codcliente

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Relationship: estados_h to habitaciones

Relationship Name	
Relationship Business Name	
Relationship Type	Non-Identifying
Relationship Do Not Generate	False
Relationship Logical Only	NO
Parent Entity	estados_h
Child Entity	habitaciones
Cardinality	One To Zero or More
Existence	Mandatory
Propagated Key	Primary Key

Bound Attachments

Name	Current Value
------	---------------

Relationship Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Relationship Keys

Parent Key	Child Key
codeestado	codeestado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Model Detail Reports

hoteljal

Model Name hoteljal
Database Microsoft SQL Server 2017
Platform
Model Notation Physical

PreSQL

PostSQL

Security Properties

Name	Current Value
------	---------------

Bound Attachments

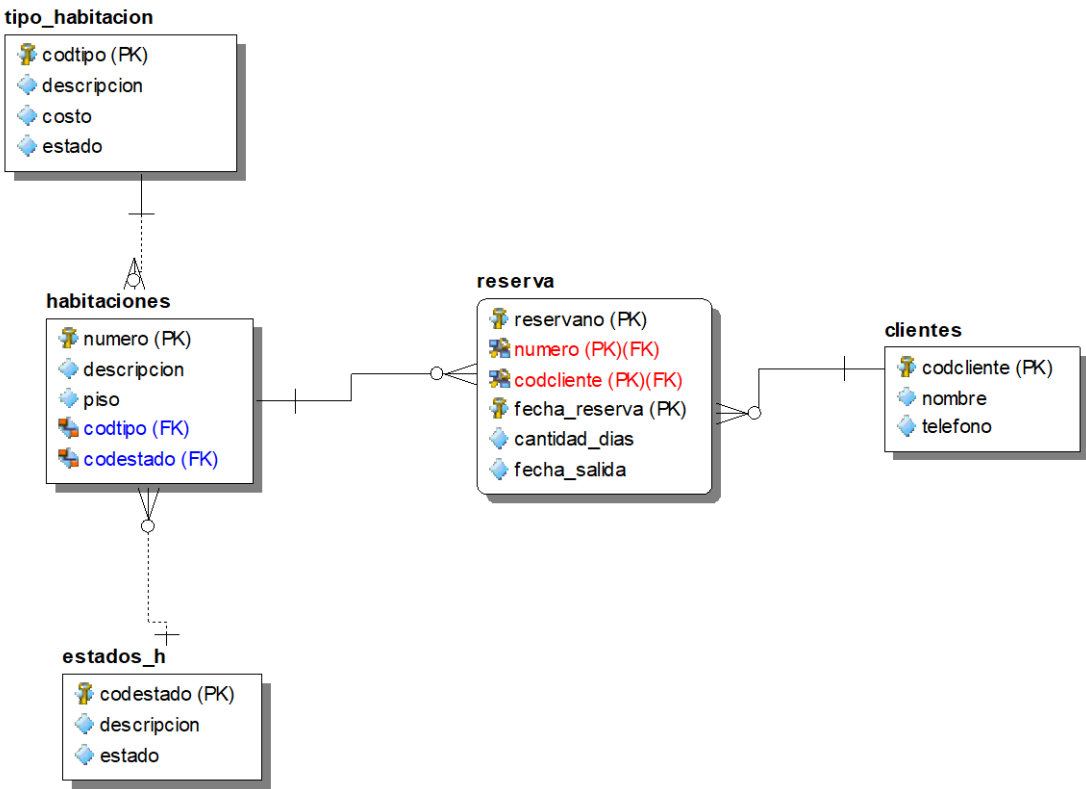
Name	Current Value
------	---------------

Submodel Summary Report

Name	DatabasePlatform
Main Model	Microsoft SQL Server 2017

Submodel Detail Reports

Main Model Image



Main Model

SubModel	Main Model
Name	
Database	Microsoft SQL Server 2017
Platform	
Parent	
SubModel	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Table Summary Report

Table Name	Table Type	Primary Keys	# Col
clientes	Independent	codcliente	3
estados_h	Independent	codestado	3
habitaciones	Independent	numero	5
reserva	Dependent	reservano, numero, codcliente, fecha_reserva	6
tipo_habitacion	Independent	codtipo	4

Table Detail Reports

clientes

Table Name clientes
Owner Name
Physical Only NO
Do Not False
Generate
Primary Keys codcliente
Definition
Notes

PreSQL

PostSQL

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
-------------------	-----------------	--------------------	----------------	-----------------------	--------------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object clientes
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object clientes
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO

Denormalization Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Columns

Column Name	Domain	Datatype	Null	Definition
codcliente		varchar(20)	N	
nombre		varchar(150)	N	
telefono		varchar(20)	N	

Keys

Key Name	Key Type	Keys
PK3	PrimaryKey	codcliente

Storage

Filegroup
Text Image File Group

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype	Not For Replication
------------	------	-------------	-----------------	-------------	----------------	--------------	--------------	---------------------

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype	Not For Replication
reserva	Identifying	One To Zero or More					NO	NO

DDL Code

```
CREATE TABLE clientes(  
    codcliente    varchar(20)    NOT NULL,  
    nombre        varchar(150)   NOT NULL,  
    telefono      varchar(20)    NOT NULL,  
    CONSTRAINT PK3 PRIMARY KEY NONCLUSTERED (codcliente)  
)  
  
go
```

codcliente

Column Name	codcliente	Table Name	clientes
Attribute Name	codcliente		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codcliente
Parent Entity	clientes
Model Name	Logical
Is User Defined?	NO
Mapped Object	codcliente
Parent Table	clientes
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformati on Logic	Transformation Description
----------------	----------------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformati on Logic	Transformation Description
----------------	----------------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformati on Logic	Transformation Description
----------------	----------------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformati on Logic	Transformation Description
Definition		

Note

Column Properties				
Data Type	varchar(20)	Width	20	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics	
Average Width	20
Percent Null	0

Domain Restrictions	
Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

nombre

Column Name	nombre	Table Name	clientes
Attribute Name	nombre		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	nombre
Parent Entity	clientes
Model Name	Logical
Is User Defined?	NO
Mapped Object	nombre
Parent Table	clientes
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformati on Logic	Transformation Description
Definition		

Note

Column Properties				
Data Type	varchar(150)	Width	150	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics	
Average Width	150
Percent Null	0

Domain Restrictions	
Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

telefono

Column Name	telefono	Table Name	clientes
Attribute Name	telefono		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	telefono
Parent Entity	clientes
Model Name	Logical
Is User Defined?	NO
Mapped Object	telefono
Parent Table	clientes
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties

Data Type	varchar(20)	Width	20	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	20
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

estados_h

Table Name estados_h
Owner Name
Physical Only NO
Do Not Generate
Primary Keys codeestado
Definition
Notes

PreSQL

PostSQL

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
----------------	--------------	-----------------	-------------	--------------------	-----------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object estados_h
Model Name Logical
Is User Defined? NO
Denormalization Mappings

Mapped Object estados_h
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Columns

Column Name	Domain	Datatype	Null	Definition
codestado		varchar(10)	N	
descripcion		varchar(150)	N	
estado		varchar(1)	N	

Keys

Key Name	Key Type	Keys
PK5	PrimaryKey	codestado

Storage

Filegroup
Text Image File Group

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype	Not For Replication
------------	------	-------------	-----------------	-------------	----------------	--------------	--------------	---------------------

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype	Not For Replication
habitaciones	Non-Identifying	One To Zero or More					NO	NO

DDL Code

```
CREATE TABLE estados_h(  
    codestado      varchar(10)      NOT NULL,  
    descripcion    varchar(150)     NOT NULL,  
    estado         varchar(1)       NOT NULL,  
    CONSTRAINT PK5 PRIMARY KEY NONCLUSTERED (codestado)  
)  
  
go
```

codestado

Column Name	codestado	Table Name	estados_h
Attribute Name	codestado		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	codestado
Parent Entity	estados_h
Model Name	Logical
Is User Defined?	NO
Mapped Object	codestado
Parent Table	estados_h
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties				
Data Type	varchar(10)	Width	10	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics	
Average Width	10
Percent Null	0

Domain Restrictions	
Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

descripcion

Column Name	descripcion	Table Name	estados_h
Attribute Name	descripcion		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	descripcion
Parent Entity	estados_h
Model Name	Logical
Is User Defined?	NO
Mapped Object	descripcion
Parent Table	estados_h
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties

Data Type	varchar(150)	Width	150	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	150
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

estado

Column Name	estado	Table Name	estados_h
Attribute Name	estado		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	estado
Parent Entity	estados_h
Model Name	Logical
Is User Defined?	NO
Mapped Object	estado
Parent Table	estados_h
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	varchar(1)	Width	1	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	1
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

habitaciones

Table Name habitaciones
Owner Name
Physical Only NO
Do Not False
Generate
Primary Keys numero
Definition
Notes

PreSQL

PostSQL

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
-------------------	-----------------	--------------------	----------------	-----------------------	--------------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object habitaciones
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object habitaciones
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Columns

Column Name	Domain	Datatype	Null	Definition
numero		varchar(10)	N	
descripcion		varchar(150)	N	
piso		varchar(5)	N	
codtipo		varchar(5)	N	
codestado		varchar(10)	N	

Keys

Key Name	Key Type	Keys
PK1	PrimaryKey	numero

Storage

Filegroup
Text Image File Group

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype	Not For Replication
tipo_habitacion	Non-Identifying	One To Zero or More				codtipo	NO	NO
estados_h	Non-Identifying	One To Zero or More				codestado	NO	NO

Child Relationships:

Table	Type	Cardinality	Constraint	Verb	Inverse	Foreign	Is	Not For
-------	------	-------------	------------	------	---------	---------	----	---------

Name			Name	Phrase	Phrase	Keys	Subtype	Replication
reserva	Identifying	One To Zero or More					NO	NO

DDL Code

```

CREATE TABLE habitaciones(
    numero          varchar(10)      NOT NULL,
    descripcion     varchar(150)     NOT NULL,
    piso            varchar(5)       NOT NULL,
    codtipo         varchar(5)       NOT NULL,
    codestado       varchar(10)      NOT NULL,
    CONSTRAINT PK1 PRIMARY KEY NONCLUSTERED (numero),
    CONSTRAINT Reftipo_habitacion1 FOREIGN KEY (codtipo)
    REFERENCES tipo_habitacion(codtipo),
    CONSTRAINT Refestados_h4 FOREIGN KEY (codestado)
    REFERENCES estados_h(codestado)
)

go

```

numero

Column Name	numero	Table Name	habitaciones
Attribute Name	numero		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	numero
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	numero
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties				
Data Type	varchar(10)	Width	10	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics	
Average Width	10
Percent Null	0

Domain Restrictions	
Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

descripcion

Column Name	descripcion	Table Name	habitaciones
Attribute Name	descripcion		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	descripcion
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	descripcion
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties

Data Type	varchar(150)	Width	150	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	150
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

piso

Column Name	piso	Table Name	habitaciones
Attribute Name	piso		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	piso
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	piso
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	varchar(5)	Width	5	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	5
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

codtipo

Column Name	codtipo	Table Name	habitaciones
Attribute Name	codtipo		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	YES	Parent Table	tipo_habitacion

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codtipo
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	codtipo
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	varchar(5)	Width	5	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	5
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

codestado

Column Name	codestado	Table Name	habitaciones
Attribute Name	codestado		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codestado
Parent Entity	habitaciones
Model Name	Logical
Is User Defined?	NO
Mapped Object	codestado
Parent Table	habitaciones
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties

Data Type	varchar(10)	Width	10	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	10
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

reserva

Table Name reserva
Owner Name
Physical Only NO
Do Not False
Generate
Primary Keys reservano,numero,codcliente,fecha_reserva
Definition
Notes

PreSQL

PostSQL

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
-------------------	-----------------	--------------------	----------------	-----------------------	--------------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object reserva
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object reserva
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Columns

Column Name	Domain	Datatype	Null	Definition
reservano		varchar(20)	N	
numero		varchar(10)	N	
codcliente		varchar(20)	N	
fecha_reserva		date	N	
cantidad_dias		varchar(10)	N	
fecha_salida		date	N	

Keys

Key Name	Key Type	Keys
PK2	PrimaryKey	reservano, numero, codcliente, fecha_reserva

Storage

Filegroup
Text Image File Group

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype	Not For Replication
habitaciones	Identifying	One To Zero or More				numero	NO	NO
clientes	Identifying	One To Zero or More				codcliente	NO	NO

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype	Not For Replication
------------	------	-------------	-----------------	-------------	----------------	--------------	------------	---------------------

DDL Code

```
CREATE TABLE reserva(  
    reservano          varchar(20)      NOT NULL,  
    numero             varchar(10)     NOT NULL,  
    codcliente         varchar(20)     NOT NULL,  
    fecha_reserva      date             NOT NULL,  
    cantidad_dias      varchar(10)     NOT NULL,  
    fecha_salida       date             NOT NULL,  
    CONSTRAINT PK2 PRIMARY KEY NONCLUSTERED (reservano, numero,  
codcliente, fecha_reserva),  
    CONSTRAINT Refhabitaciones2 FOREIGN KEY (numero)  
REFERENCES habitaciones(numero),  
    CONSTRAINT Refclientes3 FOREIGN KEY (codcliente)  
REFERENCES clientes(codcliente)  
)  
  
go
```

reservano

Column Name	reservano	Table Name	reserva
Attribute Name	reservano		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	reservano
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	reservano
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties				
Data Type	varchar(20)	Width	20	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics	
Average Width	20
Percent Null	0

Domain Restrictions	
Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

numero

Column Name	numero	Table Name	reserva
Attribute Name	numero		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	habitaciones

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	numero
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	numero
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	varchar(10)	Width	10	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	10
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

codcliente

Column Name	codcliente	Table Name	reserva
Attribute Name	codcliente		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	YES	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codcliente
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	codcliente
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties

Data Type	varchar(20)	Width	20	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	20
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

fecha_reserva

Column Name	fecha_reserva	Table Name	reserva
Attribute Name	fecha_reserva		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used

Mapped Object	fecha_reserva
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	fecha_reserva
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	date	Width	Scale
Nullable	NO		
Identity	NO		

Growth Metrics

Average Width	3
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

cantidad_dias

Column Name	cantidad_dias	Table Name	reserva
Attribute Name	cantidad_dias		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	cantidad_dias
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	cantidad_dias
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	varchar(10)	Width	10	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	10
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

fecha_salida

Column Name	fecha_salida	Table Name	reserva
Attribute Name	fecha_salida		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	fecha_salida
Parent Entity	reserva
Model Name	Logical
Is User Defined?	NO
Mapped Object	fecha_salida
Parent Table	reserva
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	date	Width	Scale
Nullable	NO		
Identity	NO		

Growth Metrics

Average Width	3
Percent Null	0

Domain Restrictions

Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

tipo_habitacion

Table Name tipo_habitacion
Owner Name
Physical Only NO
Do Not
Generate False
Primary Keys codtipo
Definition
Notes

PreSQL

PostSQL

Object Permission

User/Role Name	Grantee Type	Permission Type	Action Type	Is Action Extended	Is System
-------------------	-----------------	--------------------	----------------	-----------------------	--------------

Security Properties

Name	Current Value
------	---------------

Bound Attachments

Name	Current Value
------	---------------

Data Movement Rules

Name	Type	Rule Text/Value
------	------	-----------------

Where Used - Model Usage

Mapped Object tipo_habitacion
Model Name Logical
Is User Defined? NO
Denormalization
Mappings

Mapped Object tipo_habitacion
Model Name hoteljal (Microsoft SQL Server)
Is User Defined? NO
Denormalization
Mappings

Where Used - Submodel Usage

Model	Submodel Usage
Logical	Main Model
hoteljal (Microsoft SQL Server)	Main Model

Columns

Column Name	Domain	Datatype	Null	Definition
codtipo		varchar(5)	N	
descripcion		varchar(150)	N	
costo		varchar(20)	N	
estado		varchar(1)	N	

Keys

Key Name	Key Type	Keys
PK4	PrimaryKey	codtipo

Storage

Filegroup
Text Image File Group

Growth Metrics

Current Row Count	0
Table Growth	Static
Growth Type	N/A
Growth Period	N/A
Maximum Rows	0

Defaults, Rules and Check Constraints

Column	Type	Name	Restriction
--------	------	------	-------------

Foreign Keys

Parent Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Supertype	Not For Replication
------------	------	-------------	-----------------	-------------	----------------	--------------	--------------	---------------------

Child Relationships:

Table Name	Type	Cardinality	Constraint Name	Verb Phrase	Inverse Phrase	Foreign Keys	Is Subtype	Not For Replication
habitaciones	Non-Identifying	One To Zero or More					NO	NO

DDL Code

```
CREATE TABLE tipo_habitacion(  
    codtipo      varchar(5)      NOT NULL,  
    descripcion  varchar(150)    NOT NULL,  
    costo        varchar(20)     NOT NULL,  
    estado       varchar(1)      NOT NULL,  
    CONSTRAINT PK4 PRIMARY KEY NONCLUSTERED (codtipo)  
)  
  
go
```

codtipo

Column Name	codtipo	Table Name	tipo_habitacion
Attribute Name	codtipo		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	YES		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	codtipo
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	codtipo
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformati on Logic	Transformation Description
----------------	----------------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformati on Logic	Transformation Description
----------------	----------------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformati on Logic	Transformation Description
----------------	----------------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties				
Data Type	varchar(5)	Width	5	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics	
Average Width	5
Percent Null	0

Domain Restrictions	
Check Constraint	
Check Constraint	
Name	
Bound Rule	
Declared Default	
Declared Default	
Name	
Bound Default	
Reference Value	

descripcion

Column Name	descripcion	Table Name	tipo_habitacion
Attribute Name	descripcion		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	descripcion
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	descripcion
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

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Column Properties

Data Type	varchar(150)	Width	150	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	150
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

costo

Column Name	costo	Table Name	tipo_habitacion
Attribute Name	costo		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	costo
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	costo
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
Definition		

Note

Column Properties

Data Type	varchar(20)	Width	20	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	20
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

estado

Column Name	estado	Table Name	tipo_habitacion
Attribute Name	estado		
Logical Role Name			
Role Name			
Physical Only	NO		
Domain			
Primary Key	NO		
Foreign Key	NO	Parent Table	

Security Properties

Name	Current Value
-------------	----------------------

Bound Attachments

Name	Current Value
-------------	----------------------

Data Movement Rules

Name	Type	Rule Text/Value
-------------	-------------	------------------------

Where Used

Mapped Object	estado
Parent Entity	tipo_habitacion
Model Name	Logical
Is User Defined?	NO
Mapped Object	estado
Parent Table	tipo_habitacion
Model Name	hoteljal (Microsoft SQL Server)
Is User Defined?	NO

Direct Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Source Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Direct Target Mappings

Columns	Transformation Logic	Transformation Description
----------------	-----------------------------	-----------------------------------

Secondary Target Mappings

Columns	Transformation Logic	Transformation Description
---------	----------------------	----------------------------

Definition

Note

Column Properties

Data Type	varchar(1)	Width	1	Scale
Nullable	NO			
Identity	NO			
Collate				

Growth Metrics

Average Width	1
Percent Null	0

Domain Restrictions

Check Constraint
Check Constraint
Name
Bound Rule
Declared Default
Declared Default
Name
Bound Default
Reference Value

Index Summary Report

Table Name	Index Name	Index Type	Unique
clientes	PK3	PrimaryKey	YES
estados_h	PK5	PrimaryKey	YES
habitaciones	PK1	PrimaryKey	YES
reserva	PK2	PrimaryKey	YES
tipo_habitacion	PK4	PrimaryKey	YES

Index Detail Reports

PK3

Index Name	PK3
Table Name	clientes
Physical Only	NO
Index Type	PrimaryKey
Index Type	PrimaryKey
Unique	YES
Index Keys	codcliente

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
codcliente	Ascending

Index Options

IGNORE DUPLICATE KEY	NO
NON-UNIQUE CLUSTERED OPTION	None
SORTED DATA	NO
HASH SIZE	0
HASH SIZE TYPE	
Clustered	NO

Storage

Filegroup	
Fill Factor	
Include	
PAD INDEX	NO
SORT IN TEMPDB	NO

DDL Code

PK5

Index Name	PK5
Table Name	estados_h
Physical Only	NO
Index Type	PrimaryKey
Index Type	PrimaryKey
Unique	YES
Index Keys	codestado

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
codestado	Ascending

Index Options

IGNORE DUPLICATE KEY	NO
NON-UNIQUE CLUSTERED	None
OPTION	
SORTED DATA	NO
HASH SIZE	0
HASH SIZE TYPE	
Clustered	NO

Storage

Filegroup	
Fill Factor	
Include	
PAD INDEX	NO
SORT IN TEMPDB	NO

DDL Code

PK1

Index Name	PK1
Table Name	habitaciones
Physical Only	NO
Index Type	PrimaryKey
Index Type	PrimaryKey
Unique	YES
Index Keys	numero

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
numero	Ascending

Index Options

IGNORE DUPLICATE KEY	NO
NON-UNIQUE CLUSTERED	None
OPTION	
SORTED DATA	NO
HASH SIZE	0
HASH SIZE TYPE	
Clustered	NO

Storage

Filegroup	
Fill Factor	
Include	
PAD INDEX	NO
SORT IN TEMPDB	NO

DDL Code

PK2

Index Name	PK2
Table Name	reserva
Physical Only	NO
Index Type	PrimaryKey
Index Type	PrimaryKey
Unique	YES
Index Keys	reservano,numero,codcliente,fecha_reserva

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
reservano	Ascending
numero	Ascending
codcliente	Ascending
fecha_reserva	Ascending

Index Options

IGNORE DUPLICATE KEY	NO
NON-UNIQUE CLUSTERED	None
OPTION	
SORTED DATA	NO
HASH SIZE	0
HASH SIZE TYPE	
Clustered	NO

Storage

Filegroup	
Fill Factor	
Include	
PAD INDEX	NO
SORT IN TEMPDB	NO

DDL Code

PK4

Index Name	PK4
Table Name	tipo_habitacion
Physical Only	NO
Index Type	PrimaryKey
Index Type	PrimaryKey
Unique	YES
Index Keys	codtipo

Bound Attachments

Name	Current Value
------	---------------

Index Keys

Index Key	Sort Order
codtipo	Ascending

Index Options

IGNORE DUPLICATE KEY	NO
NON-UNIQUE CLUSTERED	None
OPTION	
SORTED DATA	NO
HASH SIZE	0
HASH SIZE TYPE	
Clustered	NO

Storage

Filegroup	
Fill Factor	
Include	
PAD INDEX	NO
SORT IN TEMPDB	NO

DDL Code

Foreign Key Summary Report

Parent Table	Child Table	Type	No. of Keys
tipo_habitacion	habitaciones	Non-Identifying	1
habitaciones	reserva	Identifying	1
clientes	reserva	Identifying	1
estados_h	habitaciones	Non-Identifying	1

Foreign Key Detail Reports

Foreign Key: tipo_habitacion to habitaciones

Foreign Key Name	
Foreign Key Business Name	
Type	Non-Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	tipo_habitacion
Child Table	habitaciones
Cardinality	One To Zero or More
Existence	Mandatory
Not For Replication	NO
Propagated Key	Primary Key
NOCHECK	NO

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb Sentence
Definition
Note

Keys

Parent Key	Child Key
codtipo	codtipo

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: habitaciones to reserva

Foreign Key Name	
Foreign Key Business Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	habitaciones
Child Table	reserva
Cardinality	One To Zero or More
Existence	Mandatory
Not For Replication	NO
Propagated Key	Primary Key
NOCHECK	NO

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
numero	numero

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: clientes to reserva

Foreign Key Name	
Foreign Key Business Name	
Type	Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	clientes
Child Table	reserva
Cardinality	One To Zero or More
Existence	Mandatory
Not For Replication	NO
Propagated Key	Primary Key
NOCHECK	NO

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
codcliente	codcliente

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None

Foreign Key: estados_h to habitaciones

Foreign Key Name	
Foreign Key Business Name	
Type	Non-Identifying
Do Not Generate	False
Physical Only	NO
Parent Table	estados_h
Child Table	habitaciones
Cardinality	One To Zero or More
Existence	Mandatory
Not For Replication	NO
Propagated Key	Primary Key
NOCHECK	NO

Bound Attachments

Name	Current Value
------	---------------

Foreign Key Description

Verb Sentence
Inverse Verb
Sentence
Definition
Note

Keys

Parent Key	Child Key
codeestado	codeestado

Trigger Templates

Trigger Event	Trigger Action
Parent Insert	None
Parent Update	None
Parent Delete	None
Child Insert	None
Child Update	None
Child Delete	None