alquiler\_portatiles.localhost





alquiler\_portatiles.localhost

# alquiler\_portatiles.localhost

### Databases 1

alquiler\_portatiles

## **Properties**

Name	Value
Product	MariaDB
Version	10.1.40-MariaDB
Version Comment	mariadb.org binary distribution
Version Compile Machine	x64
Version Compile Os	Win64
Collation	latin1_swedish_ci
Hostname	localhost
Port	3306
Base Directory	C:/xampp/mysql





alquiler\_portatiles



## **Properties**

Name	Value
Collation	latin1_swedish_ci

# Object Types 1





## Objects 6

Name	Description
almacenes	
alumnos	
aplicaciones_instaladas	
cargadores	
portatiles	
ratones	

# **almacenes**

## Description

## **Properties**

-	
Name	Value
Engine	InnoDB
Auto Increment	31
Average Row Length	546
Charset	latin1
Collation	latin1_swedish_ci
Row Format	Compact
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	False
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	DEFAULT
Encryption Key Id	0
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	30/10/2023 15:23:05
Last Modified	01/01/0001 0:00:00

### **Columns**

Key	Name	Data Type	Length	Precision	Scale	Not Null	Auto Increment	Default	Virtual	Unsigned	Zerofill	Binary	Description
<u>P</u>	id_almacen	INT		11		True	True		False	False	False	False	
品	aula	VARCHAR	4			False	False	NULL	False	False	False	False	
	capacidad	INT		4		False	False	NULL	False	False	False	False	

### Indexes

Key	Name	Columns	Unique	Туре	Key Lengths
٩	PRIMARY	id_almacen	True	BTREE	

uk_aula	aula	True	BTREE	

## **SQL** Script

```
CREATE TABLE almacenes (
   id_almacen INT(11) NOT NULL AUTO_INCREMENT,
   aula VARCHAR(4) DEFAULT NULL,
   capacidad INT(4) DEFAULT NULL,
   PRIMARY KEY (id_almacen)
)

ENGINE = INNODB,
   CHARACTER SET latin1,
   COLLATE latin1_swedish_ci,
   ROW_FORMAT = Compact,
   TRANSACTIONAL = 0;
ALTER TABLE almacenes
   ADD UNIQUE INDEX uk_aula(aula);
```

### Depends On

No items found

### Used By 3

cargadores portatiles ratones



## Description

## **Properties**

NameValueEngineInnoDBAuto Increment31Average Row Length546Charsetlatin1Collationlatin1_swedish_ciRow FormatCompactMin Rows0Max Rows0ChecksumFalsePage ChecksumFalsePack KeysFalseDelay Key WriteFalseIs PartitionedFalseEncryptionDEFAULTEncryption Key Id0Persistent StatisticsDEFAULTAuto Recalculate StatisticsDEFAULTSample Pages0Created30/10/2023 15:23:05Last Modified01/01/0001 0:00:00	Toperties	
Auto Increment 31  Average Row Length 546  Charset Iatin1  Collation Iatin1_swedish_ci  Row Format Compact  Min Rows 0  Max Rows 0  Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Name	Value
Average Row Length 546  Charset latin1  Collation latin1_swedish_ci  Row Format Compact  Min Rows 0  Max Rows 0  Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Engine	InnoDB
Charset Iatin1  Collation Iatin1_swedish_ci  Row Format Compact  Min Rows 0  Max Rows 0  Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Auto Increment	31
Collation latin1_swedish_ci  Row Format Compact  Min Rows 0  Max Rows 0  Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Average Row Length	546
Row Format Compact  Min Rows 0  Max Rows 0  Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Charset	latin1
Min Rows 0  Max Rows 0  Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Collation	latin1_swedish_ci
Max Rows 0 Checksum False Page Checksum False Pack Keys False Delay Key Write False Is Partitioned False Encryption DEFAULT Encryption Key Id 0 Persistent Statistics DEFAULT Auto Recalculate Statistics DEFAULT Sample Pages 0 Created 30/10/2023 15:23:05	Row Format	Compact
Checksum False  Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Min Rows	0
Page Checksum False  Pack Keys False  Delay Key Write False  Is Partitioned False  Encryption DEFAULT  Encryption Key Id 0 Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0 Created 30/10/2023 15:23:05	Max Rows	0
Pack Keys  False  Delay Key Write  Is Partitioned  False  Encryption  DEFAULT  Encryption Key Id  O  Persistent Statistics  DEFAULT  Auto Recalculate Statistics  DEFAULT  Sample Pages  O  Created  30/10/2023 15:23:05	Checksum	False
Delay Key Write  Is Partitioned  False  Encryption  DEFAULT  Encryption Key Id  0  Persistent Statistics  DEFAULT  Auto Recalculate Statistics  DEFAULT  Sample Pages  0  Created  30/10/2023 15:23:05	Page Checksum	False
Is Partitioned  False  Encryption  DEFAULT  Encryption Key Id  0  Persistent Statistics  DEFAULT  Auto Recalculate Statistics  DEFAULT  Sample Pages  0  Created  30/10/2023 15:23:05	Pack Keys	False
Encryption DEFAULT  Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Delay Key Write	False
Encryption Key Id 0  Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Is Partitioned	False
Persistent Statistics DEFAULT  Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Encryption	DEFAULT
Auto Recalculate Statistics DEFAULT  Sample Pages 0  Created 30/10/2023 15:23:05	Encryption Key Id	0
Sample Pages 0  Created 30/10/2023 15:23:05	Persistent Statistics	DEFAULT
Created 30/10/2023 15:23:05	Auto Recalculate Statistics	DEFAULT
	Sample Pages	0
Last Modified 01/01/0001 0:00:00	Created	30/10/2023 15:23:05
	Last Modified	01/01/0001 0:00:00

Key	Name	Data Type	Length	Precision	Scale	Not Null	Auto Increment	Default	Virtual	Unsigned	Zerofill	Binary	Description
<b>₽</b>	id_alumno	INT		11		True	True		False	False	False	False	
品	dni	VARCHAR	8			False	False	NULL	False	False	False	False	
	nombre	VARCHAR	24			False	False	NULL	False	False	False	False	
	apellidos	VARCHAR	48			False	False	NULL	False	False	False	False	
	curso	VARCHAR	96			False	False	NULL	False	False	False	False	
	aula	VARCHAR	4			False	False	NULL	False	False	False	False	

	turno	VARCHAR	8		False	False	NULL	False	False	False	False
	estado_matricula	VARCHAR	16		False	False	NULL	False	False	False	False
© #	id_portatil	INT		11	False	False	NULL	False	False	False	False
© #4	id_cargador	INT		11	False	False	NULL	False	False	False	False
© #	id_raton	INT		11	False	False	NULL	False	False	False	False

Key	Name	Columns	Unique	Туре	Key Lengths
	fk_alumnos_cargadores	id_cargador	False	BTREE	
	fk_alumnos_portatiles	id_portatil	False	BTREE	
	fk_alumnos_ratones	id_raton	False	BTREE	
ę	PRIMARY	id_alumno	True	BTREE	
	uk_dni	dni	True	BTREE	

### Foreign Keys

Name	Columns	Delete Rule	Update Rule
fk_alumnos_cargadores	id_cargador	RESTRICT	RESTRICT
fk_alumnos_portatiles	id_portatil	RESTRICT	RESTRICT
fk_alumnos_ratones	id_raton	RESTRICT	RESTRICT

### **SQL Script**

```
CREATE TABLE alumnos (
 id_alumno INT(11) NOT NULL AUTO_INCREMENT,
 dni VARCHAR(8) DEFAULT NULL,
 nombre VARCHAR(24) DEFAULT NULL,
 apellidos VARCHAR(48) DEFAULT NULL,
 curso VARCHAR(96) DEFAULT NULL,
 aula VARCHAR(4) DEFAULT NULL,
 turno VARCHAR(8) DEFAULT NULL,
 estado_matricula VARCHAR(16) DEFAULT NULL,
 id_portatil INT(11) DEFAULT NULL,
 id_cargador INT(11) DEFAULT NULL,
 id_raton INT(11) DEFAULT NULL,
 PRIMARY KEY (id_alumno)
ENGINE = INNODB,
CHARACTER SET latin1,
COLLATE latin1_swedish_ci,
ROW_FORMAT = Compact,
TRANSACTIONAL = 0;
ALTER TABLE alumnos
 ADD UNIQUE INDEX uk_dni(dni);
ALTER TABLE alumnos
 ADD CONSTRAINT fk_alumnos_cargadores FOREIGN KEY (id_cargador)
   REFERENCES cargadores(id_cargador);
ALTER TABLE alumnos
  ADD CONSTRAINT fk_alumnos_portatiles FOREIGN KEY (id_portatil)
    REFERENCES portatiles(id_portatil);
ALTER TABLE alumnos
  ADD CONSTRAINT fk_alumnos_ratones FOREIGN KEY (id_raton)
    REFERENCES ratones(id_raton);
```



cargadores

portatiles

ratones

## **Used By**

No items found

# $\blacksquare$ aplicaciones\_instaladas

## Description

## **Properties**

Name	Value
Engine	InnoDB
Auto Increment	31
Average Row Length	546
Charset	latin1
Collation	latin1_swedish_ci
Row Format	Compact
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	False
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	DEFAULT
Encryption Key Id	0
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	30/10/2023 15:23:05
Last Modified	01/01/0001 0:00:00

### **Columns**

Key	Name	Data Type	Length	Precision	Scale	Not Null	Auto Increment	Default	Virtual	Unsigned	Zerofill	Binary	Description
<b>E</b>	id_aplicacion	INT		11		True	True		False	False	False	False	
品	aplicacion	VARCHAR	32			False	False	NULL	False	False	False	False	
© 12	id_portatil	INT		11		False	False	NULL	False	False	False	False	

### Indexes

Key Name Columns Unique Type Key Lengths	Key	Name	Columns	Unique	Туре	Key Lengths
--	-----	------	---------	--------	------	-------------

	fk_aplicaciones_portatiles	id_portatil	False	BTREE	
٩	PRIMARY	id_aplicacion	True	BTREE	
	uk_aplicacion_portatil	aplicacion, id_portatil	True	BTREE	

## Foreign Keys

Name	Columns	Delete Rule	Update Rule		
fk_aplicaciones_portatiles	id_portatil	RESTRICT	RESTRICT		

### **SQL** Script

```
CREATE TABLE aplicaciones_instaladas (
   id_aplicacion INT(11) NOT NULL AUTO_INCREMENT,
   aplicacion VARCHAR(32) DEFAULT NULL,
   id_portatil INT(11) DEFAULT NULL,
   PRIMARY KEY (id_aplicacion)
)
ENGINE = INNODB,
CHARACTER SET latin1,
COLLATE latin1_swedish_ci,
ROW_FORMAT = Compact,
TRANSACTIONAL = 0;
ALTER TABLE aplicaciones_instaladas
   ADD UNIQUE INDEX uk_aplicacion_portatil(aplicacion, id_portatil);
ALTER TABLE aplicaciones_instaladas
   ADD CONSTRAINT fk_aplicaciones_portatiles FOREIGN KEY (id_portatil)
   REFERENCES portatiles(id_portatil);
```

### Depends On 1

portatiles

### **Used By**

No items found

# $\blacksquare$ cargadores

## Description

## **Properties**

-	
Name	Value
Engine	InnoDB
Auto Increment	31
Average Row Length	546
Charset	latin1
Collation	latin1_swedish_ci
Row Format	Compact
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	False
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	DEFAULT
Encryption Key Id	0
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	30/10/2023 15:23:05
Last Modified	01/01/0001 0:00:00

Key	Name	Data Type	Length	Precision	Scale	Not Null	Auto Increment	Default	Virtual	Unsigned	Zerofill	Binary	Description
<b>E</b>	id_cargador	INT		11		True	True		False	False	False	False	
品	codigo	VARCHAR	4			False	False	NULL	False	False	False	False	
	potencia	INT		8		False	False	NULL	False	False	False	False	
	estado_alquiler	VARCHAR	24			False	False	NULL	False	False	False	False	
品	id_almacen	INT		11		False	False	NULL	False	False	False	False	

Key	Name	Columns	Unique	Туре	Key Lengths
	fk_cargadores_almacenes	id_almacen	False	BTREE	
P	PRIMARY	id_cargador	True	BTREE	
	uk_codigo	codigo	True	BTREE	

## Foreign Keys

Name	Columns	Delete Rule	Update Rule
fk_cargadores_almacenes	id_almacen	RESTRICT	RESTRICT

## **SQL Script**

```
CREATE TABLE cargadores (
 id_cargador INT(11) NOT NULL AUTO_INCREMENT,
 codigo VARCHAR(4) DEFAULT NULL,
 potencia INT(8) DEFAULT NULL,
 estado_alquiler VARCHAR(24) DEFAULT NULL,
 id_almacen INT(11) DEFAULT NULL,
 PRIMARY KEY (id_cargador)
ENGINE = INNODB,
CHARACTER SET latin1,
COLLATE latin1_swedish_ci,
ROW_FORMAT = Compact,
TRANSACTIONAL = 0;
ALTER TABLE cargadores
 ADD UNIQUE INDEX uk_codigo(codigo);
ALTER TABLE cargadores
 ADD CONSTRAINT fk_cargadores_almacenes FOREIGN KEY (id_almacen)
   REFERENCES almacenes(id_almacen);
```

## Depends On 1

almacenes

## Used By 2

alumnos portatiles

# **m** portatiles

## Description

## **Properties**

Toperties	
Name	Value
Engine	InnoDB
Auto Increment	31
Average Row Length	546
Charset	latin1
Collation	latin1_swedish_ci
Row Format	Compact
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	False
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	DEFAULT
Encryption Key Id	0
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	30/10/2023 15:23:05
Last Modified	01/01/0001 0:00:00

Key	Name	Data Type	Length	Precision	Scale	Not Null	Auto Increment	Default	Virtual	Unsigned	Zerofill	Binary	Description
<b>₽</b>	id_portatil	INT		11		True	True		False	False	False	False	
品	codigo	VARCHAR	4			False	False	NULL	False	False	False	False	
	marca	VARCHAR	24			False	False	NULL	False	False	False	False	
	modelo	VARCHAR	24			False	False	NULL	False	False	False	False	
	procesador	VARCHAR	24			False	False	NULL	False	False	False	False	
	memoria_ram	INT		4		False	False	NULL	False	False	False	False	
	dispositivo_almacenamiento	VARCHAR	24			False	False	NULL	False	False	False	False	
	capacidad_almacenamiento	INT		8		False	False	NULL	False	False	False	False	

	estado_alquiler	VARCHAR	24		False	False	NULL	False	False	False	False
<u>∞</u>	id_cargador	INT		11	False	False	NULL	False	False	False	False
<i>∞</i>	id_raton	INT		11	False	False	NULL	False	False	False	False
<u>∞</u>	id_almacen	INT		11	False	False	NULL	False	False	False	False

Key	Name	Columns	Unique	Туре	Key Lengths
	fk_portatiles_almacenes	id_almacen	False	BTREE	
	fk_portatiles_cargadores	id_cargador	False	BTREE	
	fk_portatiles_ratones	id_raton	False	BTREE	
٩	PRIMARY	id_portatil	True	BTREE	
	uk_codigo	codigo	True	BTREE	

#### **Foreign Keys**

Name	Columns	Delete Rule	Update Rule
fk_portatiles_almacenes	id_almacen	RESTRICT	RESTRICT
fk_portatiles_cargadores	id_cargador	RESTRICT	RESTRICT
fk_portatiles_ratones	id_raton	RESTRICT	RESTRICT

### **SQL Script**

```
CREATE TABLE portatiles (
  id_portatil INT(11) NOT NULL AUTO_INCREMENT,
  codigo VARCHAR(4) DEFAULT NULL,
 marca VARCHAR(24) DEFAULT NULL,
 modelo VARCHAR(24) DEFAULT NULL,
 procesador VARCHAR(24) DEFAULT NULL,
 memoria_ram INT(4) DEFAULT NULL,
 dispositivo_almacenamiento VARCHAR(24) DEFAULT NULL,
 capacidad_almacenamiento INT(8) DEFAULT NULL,
 estado_alquiler VARCHAR(24) DEFAULT NULL,
 id_cargador INT(11) DEFAULT NULL,
 id_raton INT(11) DEFAULT NULL,
 id_almacen INT(11) DEFAULT NULL,
 PRIMARY KEY (id_portatil)
ENGINE = INNODB,
CHARACTER SET latin1,
COLLATE latin1_swedish_ci,
ROW FORMAT = Compact,
TRANSACTIONAL = 0;
ALTER TABLE portatiles
 ADD UNIQUE INDEX uk_codigo(codigo);
ALTER TABLE portatiles
 ADD CONSTRAINT fk_portatiles_almacenes FOREIGN KEY (id_almacen)
    REFERENCES almacenes(id_almacen);
ALTER TABLE portatiles
 ADD CONSTRAINT fk_portatiles_cargadores FOREIGN KEY (id_cargador)
   REFERENCES cargadores(id_cargador);
ALTER TABLE portatiles
 ADD CONSTRAINT fk_portatiles_ratones FOREIGN KEY (id_raton)
    REFERENCES ratones(id_raton);
```

### Depends On 3

almacenes

cargadores ratones

## Used By 2

alumnos

aplicaciones\_instaladas



## Description

## **Properties**

-	
Name	Value
Engine	InnoDB
Auto Increment	31
Average Row Length	546
Charset	latin1
Collation	latin1_swedish_ci
Row Format	Compact
Min Rows	0
Max Rows	0
Checksum	False
Page Checksum	False
Pack Keys	False
Delay Key Write	False
Is Partitioned	False
Encryption	DEFAULT
Encryption Key Id	0
Persistent Statistics	DEFAULT
Auto Recalculate Statistics	DEFAULT
Sample Pages	0
Created	30/10/2023 15:23:05
Last Modified	01/01/0001 0:00:00

Key	Name	Data Type	Length	Precision	Scale	Not Null	Auto Increment	Default	Virtual	Unsigned	Zerofill	Binary	Description
<b>₽</b>	id_raton	INT		11		True	True		False	False	False	False	
品	codigo	VARCHAR	4			False	False	NULL	False	False	False	False	
	marca	VARCHAR	24			False	False	NULL	False	False	False	False	
	modelo	VARCHAR	24			False	False	NULL	False	False	False	False	
	tipo_conector	VARCHAR	8			False	False	NULL	False	False	False	False	
	estado_alquiler	VARCHAR	24			False	False	NULL	False	False	False	False	

<u>~</u>	id_almacen	INT	11	False	False	NULL	False	False	False	False	
뀲											

Key	Name	Columns	Unique	Туре	Key Lengths
	fk_ratones_almacenes	id_almacen	False	BTREE	
P	PRIMARY	id_raton	True	BTREE	
	uk_codigo	codigo	True	BTREE	

### Foreign Keys

Name	Columns	Delete Rule	Update Rule
fk_ratones_almacenes	id_almacen	RESTRICT	RESTRICT

### **SQL Script**

```
CREATE TABLE ratones (
 id_raton INT(11) NOT NULL AUTO_INCREMENT,
 codigo VARCHAR(4) DEFAULT NULL,
 marca VARCHAR(24) DEFAULT NULL,
 modelo VARCHAR(24) DEFAULT NULL,
 tipo_conector VARCHAR(8) DEFAULT NULL,
 estado_alquiler VARCHAR(24) DEFAULT NULL,
 id_almacen INT(11) DEFAULT NULL,
 PRIMARY KEY (id_raton)
ENGINE = INNODB,
CHARACTER SET latin1,
COLLATE latin1_swedish_ci,
ROW_FORMAT = Compact,
TRANSACTIONAL = 0;
ALTER TABLE ratones
 ADD UNIQUE INDEX uk_codigo(codigo);
ALTER TABLE ratones
 ADD CONSTRAINT fk_ratones_almacenes FOREIGN KEY (id_almacen)
   REFERENCES almacenes(id_almacen);
```

## Depends On 1

almacenes

## Used By 2

alumnos portatiles