alquiler_portatiles.localhost

📁 Servers

Servers ❶

     alquiler_portatiles.localhost

📁 alquiler_portatiles.localhost

Databases ❶

alquiler_portatiles
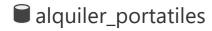
Properties

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

📁 Databases

Databases ❶

alquiler_portatiles

alquiler_portatiles

Properties

Name	Value
Collation	latin1_swedish_ci

Object Types ❶

🗔 Tables

📁 Tables

Objects 6

Name	Description
almacenes	
alumnos	
aplicaciones_instaladas	
cargadores	
portatiles	
ratones	

⊞ almacenes

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1
Average Row Length	0
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
🔑🔗	id_almacen	INT		11		**True**	**True**		**False**	**False**	**False**	**False**	
🔗	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	Type	Key Lengths
🔑	PRIMARY	id_almacen	**True**	BTREE	

	uk_aula	aula	True	BTREE	

SQL Script

```sql
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

alumnos

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1
Average Row Length	0
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
🔑	id_alumno	INT		11		**True**	**True**		**False**	**False**	**False**	**False**	
	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	
🔑🔗	id_cargador	INT	11			False	False	NULL	False	False	False	False	
🔑🔗	id_raton	INT	11			False	False	NULL	False	False	False	False	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
	fk_alumnos_cargadores	id_cargador	False	BTREE	
	fk_alumnos_portatiles	id_portatil	False	BTREE	
	fk_alumnos_ratones	id_raton	False	BTREE	
🔑	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

```sql
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);
```

Depends On [3]

[cargadores](#)

[portatiles](#)

[ratones](#)

Used By

No items found

⊞ aplicaciones_instaladas

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1
Average Row Length	0
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
🔑	id_aplicacion	INT		11		**True**	**True**		**False**	**False**	**False**	**False**	
	aplicacion	VARCHAR	32			**False**	**False**	NULL	**False**	**False**	**False**	**False**	
⚷	id_portatil	INT		11		**False**	**False**	NULL	**False**	**False**	**False**	**False**	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths

	fk_aplicaciones_portatiles	id_portatil	**False**	BTREE	
🔑	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

```sql
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 ❶

portatiles

Used By

No items found

▦ cargadores

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1
Average Row Length	0
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
🔑⬱	id_cargador	INT		11		**True**	**True**		**False**	**False**	**False**	**False**	
⬱	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**	
⚬⬱	id_almacen	INT		11		**False**	**False**	NULL	**False**	**False**	**False**	**False**	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
	fk_cargadores_almacenes	id_almacen	**False**	BTREE	
🔑	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

```sql
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 ❶

almacenes

Used By ❷

alumnos

portatiles

⊞ portatiles

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1
Average Row Length	0
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
🔑	id_portatil	INT		11		**True**	**True**		**False**	**False**	**False**	**False**	
🔗	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
🔑🕸	id_cargador	INT		11		False	False	NULL	False	False	False	False
🔑🕸	id_raton	INT		11		False	False	NULL	False	False	False	False
🔑🕸	id_almacen	INT		11		False	False	NULL	False	False	False	False

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
	fk_portatiles_almacenes	id_almacen	False	BTREE	
	fk_portatiles_cargadores	id_cargador	False	BTREE	
	fk_portatiles_ratones	id_raton	False	BTREE	
🔑	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 ❸

almacenes

cargadores

ratones

Used By **2**

alumnos

aplicaciones_instaladas

⊞ ratones

Description

Properties

Name	Value
Engine	InnoDB
Auto Increment	1
Average Row Length	0
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
🔑🗄	id_raton	INT		11		**True**	**True**		**False**	**False**	**False**	**False**	
🗄	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**	

🔑🖧	id_almacen	INT		11		**False**	**False**	NULL	**False**	**False**	**False**	**False**	

Indexes

Key	Name	Columns	Unique	Type	Key Lengths
	fk_ratones_almacenes	id_almacen	**False**	BTREE	
🔑	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 ❶

almacenes

Used By ❷

alumnos

portatiles