

Column

Field

Primary key

Record

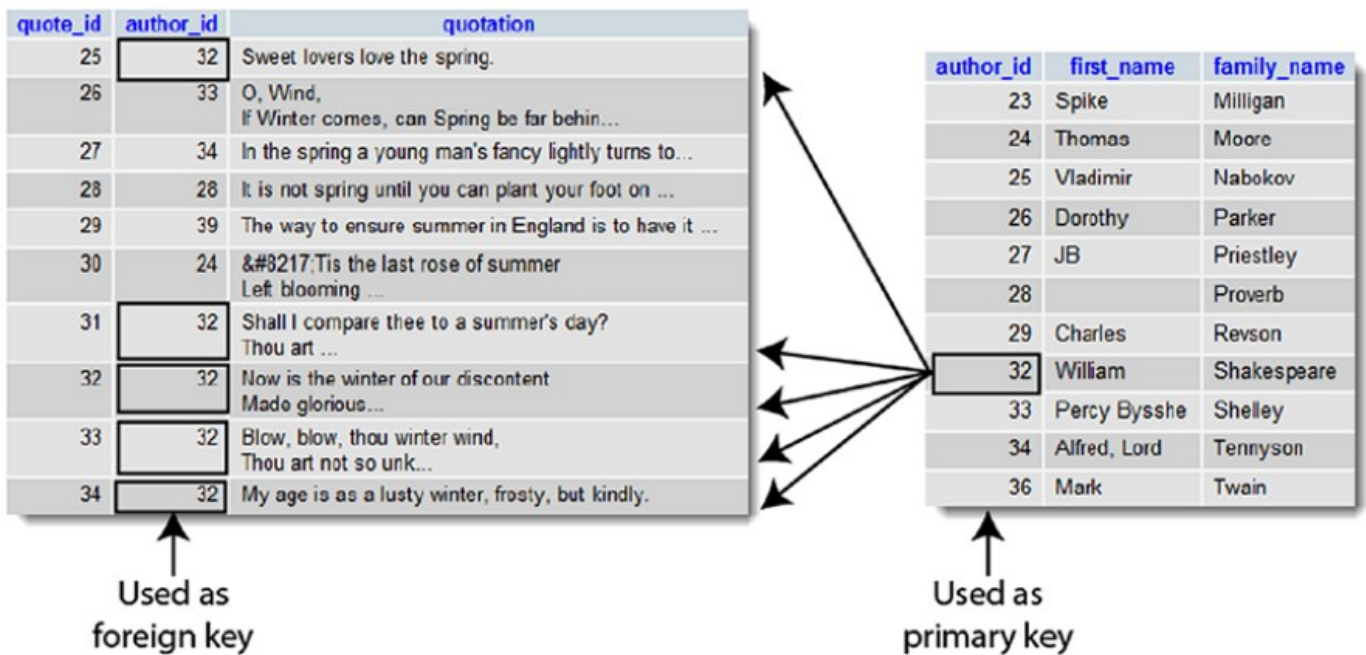
image_id	filename	caption
1	basin.jpg	Water basin at Ryoanji temple, Kyoto
2	fountains.jpg	Fountains in central Tokyo
3	kinkakuji.jpg	The Golden Pavilion in Kyoto
4	maiko.jpg	Maiko—trainee geishas in Kyoto
5	maiko_phone.jpg	Every maiko should have one—a mobile, of cou...
6	menu.jpg	Menu outside restaurant in Pontocho, Kyoto
7	monk.jpg	Monk begging for alms in Kyoto
8	ryoanji.jpg	Autumn leaves at Ryoanji temple, Kyoto

1 - Una tabella Db contiene informazioni in righe e colonne

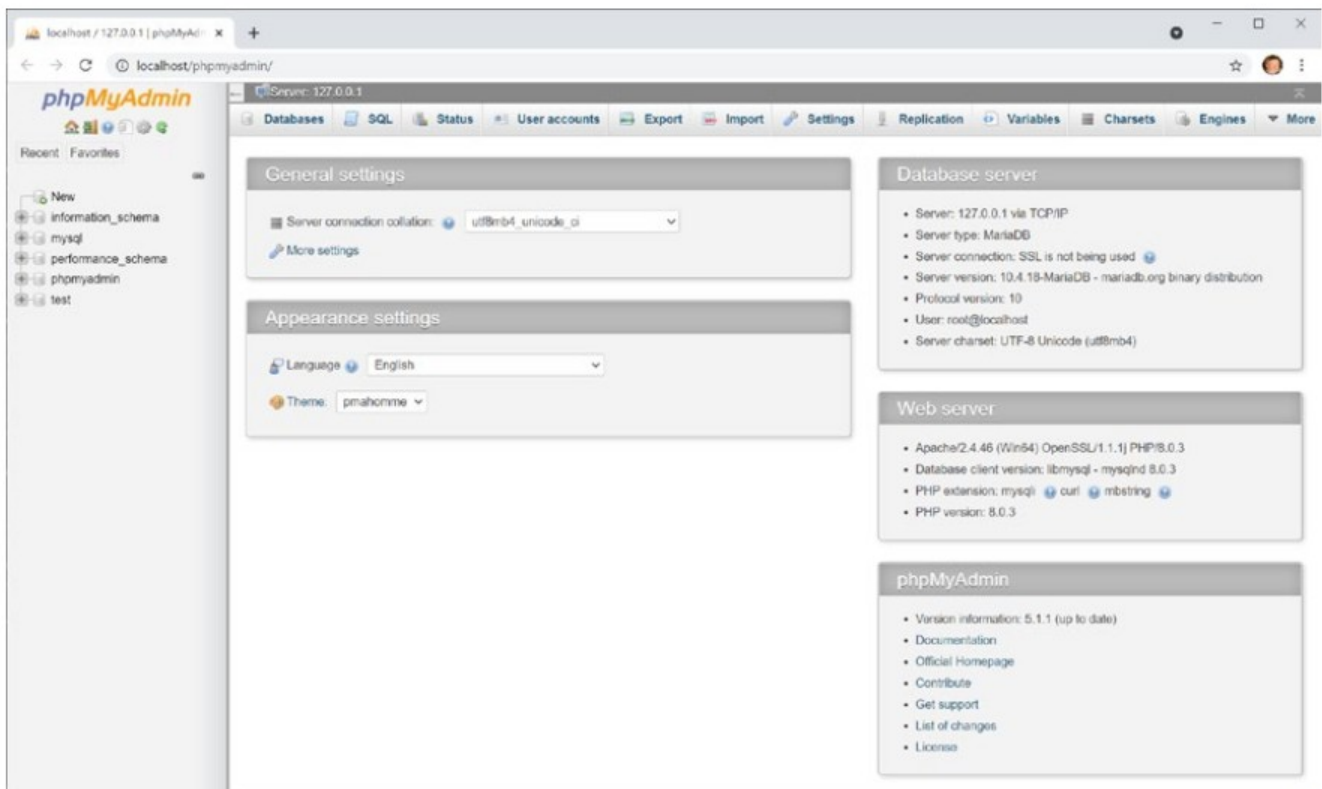
Now in the seventh row, but image_id remains unchanged

image_id	filename	caption
8	ryoanji.jpg	Autumn leaves at Ryoanji temple, Kyoto
5	maiko_phone.jpg	Every maiko should have one—a mobile, of cou...
2	fountains.jpg	Fountains in central Tokyo
4	maiko.jpg	Maiko—trainee geishas in Kyoto
6	menu.jpg	Menu outside restaurant in Pontocho, Kyoto
7	monk.jpg	Monk begging for alms in Kyoto
3	kinkakuji.jpg	The Golden Pavilion in Kyoto
1	basin.jpg	Water basin at Ryoanji temple, Kyoto

2 - La chiave principale identifica la riga anche quando la tabella è organizzata in un ordine differente



3 - Le foreign keys sono usate per linkare informazioni in tabelle diverse



4 - phpMyAdmin è un'interfaccia grafica per il Db, funzionante nel browser



5 - Creazione di un nuovo Db



6 – Ritorno alla home e cliccare su User accounts per settare nuovi utenti. A metà pagina cliccare ‘Add user account’.

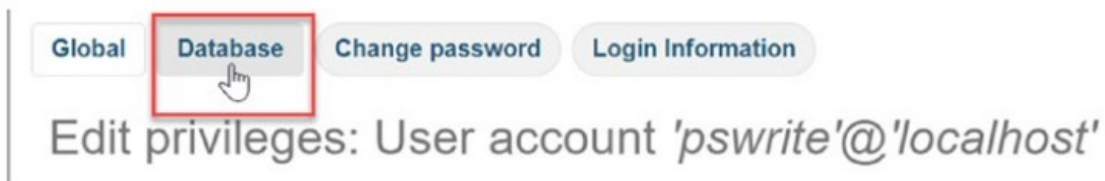
Inserire I dati:

User name: pswrite

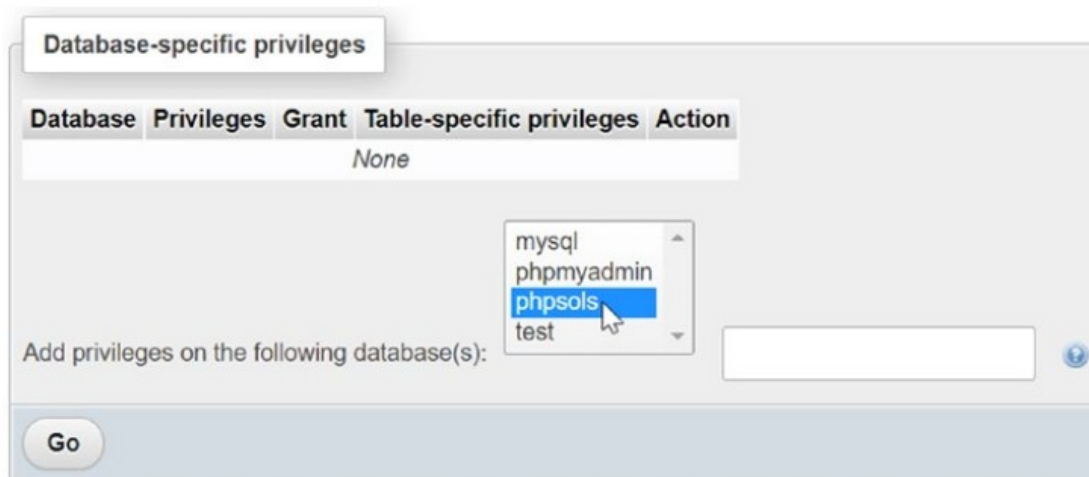
Host name: local

Password: faina

Poi lasciare stare tutto il resto e cliccare ‘Go button’ in fondo alla pagina.



7 - Gestione privilegi utenti



8 - associazione del Db Sotto l'etichetta 'Database-specific privileges' scegliere phpsols dalla lista e premere Go

Database Table Routine Login Information

Edit privileges: User account 'pswrite'@'localhost' - Database phpsols

Database-specific privileges ☐ Check all

Note: MySQL privilege names are expressed in English.

☒ **Data**

- ☒ SELECT
- ☒ INSERT
- ☒ UPDATE
- ☒ DELETE

☐ **Structure**

- ☐ CREATE
- ☐ ALTER
- ☐ DROP
- ☐ CREATE TEMPORARY TABLES
- ☐ SHOW VIEW
- ☐ CREATE ROUTINE
- ☐ ALTER ROUTINE
- ☐ EXECUTE
- ☐ CREATE VIEW
- ☐ EVENT
- ☐ TRIGGER

☐ **Administration**

- ☐ GRANT
- ☐ LOCK TABLES
- ☐ REFERENCES

Allows inserting and replacing data.

Go

9 - Gestione privilegi per l'utente pswrite

Design della tabella: cliccare di nuovo sul nome db (phpsol) nella colonna di sinistra. Sotto 'Create new table' inserire nome tabella (images) e n. colonne.

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	A_J	Comments
image_id	INT		None		UNSIGNED	<input type="checkbox"/>	PRIMARY	<input checked="" type="checkbox"/>	
<small>Pick from Central Columns</small>									
filename	VARCHAR	25	None			<input type="checkbox"/>		<input type="checkbox"/>	
<small>Pick from Central Columns</small>									
caption	VARCHAR	120	None			<input type="checkbox"/>		<input type="checkbox"/>	
<small>Pick from Central Columns</small>									

Structure

Table comments: Collation: Storage Engine: InnoDB

PARTITION definition:

Partition by: (Expression or column list)

Partitions:

Preview SQL Save

10 – Definiamo cosa contengono le colonne della tabella.

Server: 127.0.0.1 » Database: phpsols » Table: images

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[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Privileges](#)
[Operations](#)
[Track](#)

[Table structure](#)
[Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	image_id	int(10)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	filename	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	caption	varchar(120)	utf8mb4_general_ci		No	None			Change Drop More

11 - Dettagli tabella appena costruita

Server: 127.0.0.1 » Database: phpsoils » Table: images

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Column	Type	Function	Null	Value
image_id	int(10) unsigned			
filename	varchar(25)			
caption	varchar(120)			

☒ Ignore

Column	Type	Function	Null	Value
image_id	int(10) unsigned			
filename	varchar(25)			
caption	varchar(120)			

Go

13 - Inserimento dati nella tabella: selezionare il nome tabella poi da tab in alto: 'insert'

+ Options

		image_id	filename	caption
<input type="checkbox"/>	Edit Copy Delete	1	basin.jpg	Water basin at Ryoanji Temple, Kyoto
<input type="checkbox"/>	Edit Copy Delete	2	fountains.jpg	Fountains in central Tokyo

14 - Le prime due righe inserite in tabella

File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.

A compressed file's name must end in **.[format].[compression]**. Example: **.sql.zip**

Browse your computer: Choose File images.sql (Max: 40MiB)

You may also drag and drop a file on any page.

Character set of the file: utf-8

Partial import:



Allow the interruption of an import in case the script detects it is close to the PHP timeout limit. *(This might be a good way to import large files, however it can break transactions.)*

Skip this number of queries (for SQL) starting from the first one: 0

Other options:



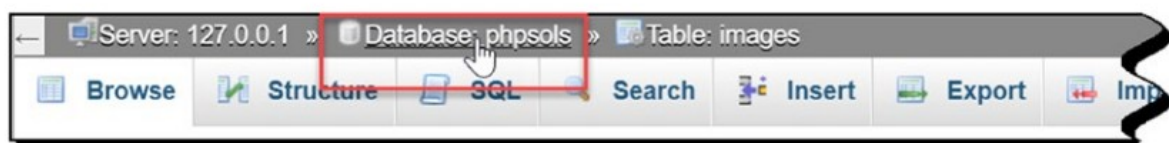
Enable foreign key checks

Format:

SQL




Format-specific options:

15 - Importazione file



16 - Creazione di un file SQL per il backup

Output:

- ☐ Rename exported databases/tables/columns
- ☐ Use LOCK TABLES statement
- ☒ Save output to a file
- File name template:  ☒ use this for future exports
- Character set of the file: 
- Compression: 
- ☐ Export tables as separate files
- ☐ View output as text
- Skip tables larger than MiB

17 - Settaggi Backup

Object creation options

Add statements:

- ☐ Add CREATE DATABASE / USE statement
- ☐ Add DROP TABLE / VIEW / PROCEDURE / FUNCTION / EVENT / TRIGGER statement
- ☐ Add CREATE TABLE statement
- ☐ IF NOT EXISTS (less efficient as indexes will be generated during table creation)
- ☒ AUTO_INCREMENT value
- ☒ Add CREATE VIEW statement
- ☐ Use simple view export
- ☐ Exclude definition of current user
- ☐ OR REPLACE view
- ☐ Add CREATE PROCEDURE / FUNCTION / EVENT statement
- ☒ Add CREATE TRIGGER statement
- ☒ Enclose table and column names with backquotes (*Protects column and table names formed with special characters or keywords*)

18 - Settaggi Backup