Databases: MySQL and PostgreSQL Technical Manuals (New)

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How to Install MySQL on Linux Mint 20 and Ubuntu 20.04?

MySQL is an open-source, simple, and relational database that uses SQL (Structured Query Language) to manage and manipulate the data.

MySQL Add a Column to Existing Table

MySQL Database System is a highly scalable database service for creating cloud-native applications. Therefore we have to perform different operations while working on it. The ALTER TABLE declaration is being cast-off to add, remove, or alter columns while working on an already existing table in any schema of MySQL. We'll teach you exactly how to declare a column to an existing table utilizing the MySQL ADD COLUMN expression in this guide.

MySQL Count Matching Records With COUNT

Data redundancy occurs for a lot of reasons. Several of the complicated duties you should cope with while working with database systems is trying to discover duplicate values. For this purpose, We will be using the COUNT() aggregate method. The COUNT() method returns the sum of rows residing in a specific table. The COUNT() function permits you to sum all rows or only rows matching the condition defined. In this guide, You'll get to know how to identify duplicate values for one or maybe more MySQL columns using COUNT().
A CSV or comma-separated value document is a delineated text document that distinguishes values from a comma. Every line is its information record. Each data, parted by commas, comprises one or extra fields. The origin of the title for this document layout is the usage of the comma as a field divider. For sharing information between various programs, such documents are used. For instance, Database and contact administrators also endorse CSV files. The theory is that from one program to a CSV document, you may transfer complex information and afterward import the information in that CSV document to some other program. In this tutorial, we will learn how to import data from a CSV file into MySQL workbench. Let?s get started.

The MySQL LIKE operator tests if a particular character string resembles the pattern mentioned. We will match a portion of the overall data present in a segment that doesn?t need to match precisely. We will cup tie our keyword with the sequence of the information available in columns by using wildcard query in various combinations. MySQL Wildcards are symbols that help match difficult criteria with search results and have been used in combination with a compare operator called LIKE or a contrast operator called NOT LIKE.

You eventually hit the stage where data volume greatly increases when we start to deal with DBMS like MySQL. It is difficult for us to manage and use. MySQL has built-in capabilities that make it easy to handle. In MySQL, the LIMIT clause is being used to cut down the number of rows throughout the result set using the SELECT expression. We will discover how to use the MySQL LIMIT clause in this guide to restrict the number of rows that a query returns.

While working with MySQL queries, the results are obtained in the same sequence as the records inserted into the schema utilizing the SELECT command. It?s the standard order for sorting. You would be aiming at how we might arrange our query result. Sorting is re-arranging the outputs of our query in a defined manner. Sorting may be done on one field or more than one field. The ORDER BY statement is being used to arrange the query results in an ascending or descending order in MySQL. The ORDER BY statement organizes data by
default in go-up order if ASC or DESC is not specified. The DESC term is being used to organize the data in descending way.

MySQL Subqueries ? Linux Hint [9]

A subquery is a SQL query within a greater query that is recursive, or a subquery is considered an internal query. In contrast, an outer query is termed as the query that includes the subquery. A MySQL subquery can be embedded in the queries, including SELECT, INSERT, UPDATE, or DELETE. Furthermore, within another subquery, a subquery may be nested. The phrase subquery should be closed in brackets wherever it is used. We’ll teach you how and when to use MySQL subquery to compose complicated queries and describe the idea of the associated subquery. Open the command-line shell from your desktop and write your password to start using it. Press Enter and continue.

PostgreSQL FAQs ? Linux Hint [10]

According to StackOverflow’s 2020 Annual Developer Survey, PostgreSQL is the second most popular database management system available, and this is not without good reason. Since its initial release in 1996, PostgreSQL, or Postgres, has improved considerably, adding several useful features, including user-defined types, table inheritance, multi-version concurrency control, and more. PostgreSQL is also very lightweight, easy to set up, and can be installed on several platforms, such as containers, VMs, or physical systems. Besides its default GUI, pgAdmin, Postgres also supports over 50 other IDEs, a third of which are free to use. This article will cover some of the most frequently asked questions (FAQs) about PostgreSQL.

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