Why Stored Procedures?

Stored procedures are fast. MySQL server takes some advantage of caching, just as prepared statements do. The main speed gain comes from reduction of network traffic. **If you have a repetitive task that requires checking, looping, multiple statements, and no user interaction, do it with a single call to a procedure that's stored on the server.**

**Create Procedure:**

DELIMITER //

CREATE PROCEDURE GetAllProducts()

   BEGIN

   SELECT \*  FROM products;

   END //

DELIMITER ;

**Drop Procedure:**

DROP PROCEDURE GetAllProducts;

## IF ELSE statement

In case you want to execute statements when the expression evaluates to FALSE , you use theIF ELSE statement as follows:

IF expression THEN

   statements;

ELSE

   else-statements;

END IF;

## WHILE loop

The syntax of the WHILE statement is as follows:

WHILE expression DO

   statements

END WHILE

## Simple CASE statement

Let’s take a look at the syntax of the simple CASE statement:

CASE  case\_expression

   WHEN when\_expression\_1 THEN commands

   WHEN when\_expression\_2 THEN commands

   ...

   ELSE commands

END CASE;