The following stored procedure returns the number of orders by order status. It has two parameters:

* orderStatus : the IN parameter that is the order status which we want to count the orders.
* total : the OUT parameter that stores the number of orders for a specific order status.

The following is the source code of the CountOrderByStatus stored procedure.



|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11 | DELIMITER $$  CREATE PROCEDURE CountOrderByStatus(  IN orderStatus VARCHAR(25),  OUT total INT)  BEGIN  SELECT count(orderNumber)  INTO total  FROM orders  WHERE status = orderStatus;  END$$  DELIMITER ; |

To get the number of shipped orders, we call the CountOrderByStatus  stored procedure and pass the order status as Shipped, and also pass an argument ( @total ) to get the return value.



|  |  |
| --- | --- |
| 1  2 | CALL CountOrderByStatus('Shipped',@total);  SELECT @total; |

http://www.mysqltutorial.org/wp-content/uploads/2009/12/MySQL-OUT-parameter-order-shipped.png

To get the number of orders that are in process, we call the CountOrderByStatus stored procedure as follows:



|  |  |
| --- | --- |
| 1  2 | CALL CountOrderByStatus('in process',@total);  SELECT @total AS  total\_in\_process; |

http://www.mysqltutorial.org/wp-content/uploads/2009/12/MySQL-OUT-parameter-orders-in-process.png