PRINT VERSION

PHP MySQL Order by Keyword

The `ORDER BY` keyword is used to sort the data in a recordset. It is possible to order by more than one column. When ordering by more than one column, the second column is only used if the values in the first column are identical. The following example creates and populates a `Products` table using the following SQL commands:

```
CREATE TABLE  Products (
   ID   int  AUTO_INCREMENT PRIMARY KEY,
   name varchar( 16 ) NOT NULL );
INSERT INTO  Products ( name )  VALUES  ( '$name' );
```

and selects products using the `ORDER BY` operator:

```
SELECT * FROM  Products  ORDER BY  ID, name;
```

```
<html><body>
<?php
 $host = "mysqldev.aero.und.edu";
 $conn = mysql_connect( $host, "wenchen", "passwd" );
 mysql_select_db( "wenchen", $conn );
 $table =  ○ Drop    ● Create    ○ Insert (name = "hammer")

          ○ Select ( order by □ ID ● ASC ○ DESC,  ☑ name ● ASC ○ DESC )
 if ( $action == "Drop" ) {
   // Drop table Products.
   mysql_query( "DROP TABLE  Products", $conn );
   echo "Table Products dropped";
 }
 elseif ( $action == "Create" ) {
   // Create table Products.
   $sql = "CREATE TABLE  Products (
           ID   int  AUTO_INCREMENT PRIMARY KEY,
           name varchar( 16 ) NOT NULL )";
   mysql_query( $sql, $conn );
   echo "Table Products created";
 }
```

```php
  elseif ( $action == "Insert" ) {
    // Insert product.
    $sql = "INSERT INTO  Products ( name )  VALUES  ( '$name1' )";
    mysql_query( $sql, $conn );
    echo " Prodoct $name1 entered"
  }
  elseif ( $action == "Select" ) {
    // Select products.
    if ( isset( $ID ) && isset( $name2 ) )
      $columns = $ID . " " . $order1 . ", " . $name2 . " " . $order2;
    elseif ( isset( $ID ) )
      $columns = $ID . " " . $order1 ;
    elseif ( isset( $name2 ) )
      $columns = $name2 . " " . $order2 ;

    $sql = "SELECT  *  FROM  Products  ORDER BY  $columns";
    $result = mysql_query( $sql, $conn );
    while ( $row = mysql_fetch_array( $result ) )
      echo $row['ID'] . ", " . $row['name'];
  }
  mysql_close( $conn );
?>
</body></html>
```

Check result   View source   Reset

Slide 6.7: PHP MySQL where clause
Slide 6.9: PHP MySQL update
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