PRINT VERSION

PHP MySQL Create and Drop Tables

Use the mysql_query function to get PHP to execute the SQL statements:

- the DROP TABLE statement, used to remove a database table, and
- the CREATE TABLE statement, used to create a table in MySQL.

mysql_query is used to send a query or command to a MySQL connection. A database must be selected before a table can be dropped or created. The database is selected with the mysql_select_db function.

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

 if ( $action == "Drop" ) {
   // Drop table CDs.
   mysql_query( "DROP TABLE CDs", $conn );
   echo "Table CDs dropped";
 }

 elseif ( $action == "Create" ) {
   // Create table CDs.
   $sql = "CREATE TABLE  CDs (
           Title  varchar(32) not null,
           ASIN   char(10) primary key,
           price  real  CHECK ( price > 0.0 ) )";
   mysql_query( $sql, $conn );
   echo "Table CDs created";
 }
 mysql_close( $conn );
?>
</body></html>
```

[Check result]   [View source]   [Reset]

When you create a database field of type varchar, you must specify the maximum length of the field, e.g. varchar(15). The CREATE TABLE statement is complicated. For further studies,

- its syntax can be found from here and
- some example code can be found from here.

Slide 6.1: PHP MySQL connect to a database
Slide 6.3: PHP MySQL create and drop tables (cont.)
Home

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