

Web accessible Databases PHP

March 13, 2013

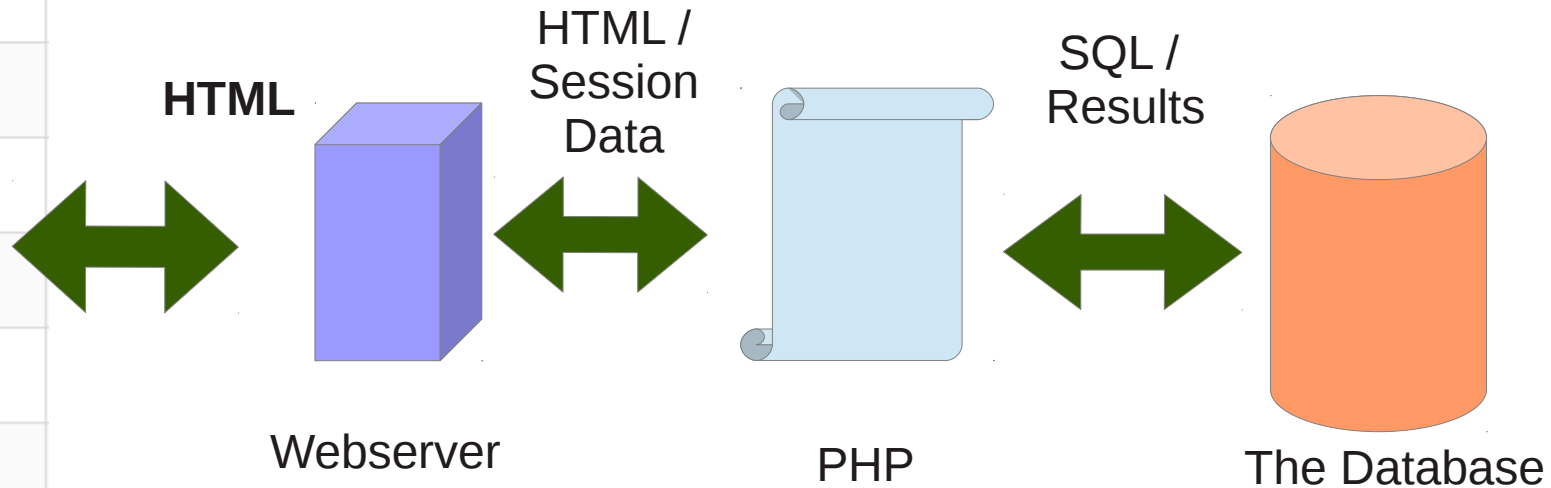


www.php.net
<http://www.aptana.com/>

Database Usage Scenario

The PHP is used to generate HTML.

Discussion
A1: File contents
A1. Query 4
A1: Nonexistent Products
A1: Ordering By Salary
A1: Duplicate Data
A1: Triggers?
A1: How long should names be?



User

Overview

- Data flow
 - html, php, sql, sessions
- HTML
- PHP
 - variables
 - control flow
 - connect to MySQL
 - HTML forms
 - Sessions
 - Authentication
 - binary data

Today's examples will be at:
<https://64.59.233.246/example/>
<https://64.59.233.246/chadd/>

[/space/https/example](#)

You have web space at:
[/space/https/PUNetID](#)

<https://gray.cs.pacificu.edu/PUNetID>

<https://gray/phpTest.php>

Recommended Development Process

- Aptana (local machine)

- publish your work to
/space/https/PUNetID

- ssh gray

- mysql -u PUNET -p

- Test your queries

Work out the queries before you start building the PHP and web pages.

- Use the debugger!

- or use the command line
php file.php

- Open a web browser

- https://gray/PUNET/file.php

- https://gray/example/simple.html

Accept the self-signed certificate!

You can trust me!

Backups

- gray is not backed up!
 - use Subversion through Aptana

- Coding Standards
 - use file and function header comments as in C
 - two spaces for a tab
 - break the line at 78 characters

```
/*  
Function:      getAllSoftwareProducts  
Description:  Get all software name, versions, and manager  
Parameters:   $DBConn - the database connection  
Returned:    An array containing the results.  
*/
```