

Blog Export: LAMPsig, <http://www.lampsig.org/new/>

Wednesday, July 27, 2005

Apache, MySQL, PHP Config Fest

Wednesday Nights, July 27 through August 10, 2005

Time: 7:00 to 9:00 pm

Location: Caltek.net on Hoover in L.A.

Host: Peter Benjamin (email [pete_AT_peterbenjamin_\(dot\)_com](mailto:pete_AT_peterbenjamin_(dot)_com))

RESERVATIONS REQUIRED!

Please RSVP by emailing [pete_AT_peterbenjamin_\(dot\)_com](mailto:pete_AT_peterbenjamin_(dot)_com)

There is room for 7 desktops and 7 laptops. First-come, First *****Qualified***** Hardware/OS/DL, gets first served (Read the REQUIREMENTS below.). Due to limited seating you may be bumped to the next week. If demand is great, then there may be a fourth Wednesday night.

DESCRIPTION

The goals are to provide attendees with a working AMP environment to enable them to start programming PHP CGI reading and writing to a database. Apache configured to support multiple virtual hosts, that is two or more domain namesMySQL installed and working from the command linePHP configured for CGI security and testing with phpinfo, hello world, and database read and write. You will learn where to store PHP CGI scripts and how to invoke them from a web page, and what URLs in Apache to get to those web pages.You will get PHP code to open a connection to a MySQL database, and SELECT and INSERT into a table.This will be an Install Fest format with the goal of achieving a working AMP environment. There will be an expert to assist you installing, editing the configuration files, and testing each step.

*REQUIREMENTS (**Must Read**)*

Hardware: Bring your own laptop or desktop computer and mouse. We can supply a monitor, and likely a keyboard, but not a mouse.

Operating System: Linux Distro released within the last year or Windows 2000 or XP. Oses not matching this may require older AMP software than we have available, or more assistance time than offered at one or all evenings.

Try to have at least the AMP software install downloaded onto your local hard drive. We will not be compiling from source due to possible compile errors taking excessive time.

**** VERY IMPORTANT ****

In advance of the event you ***must*** download the AMPs that matches your hardware and operating system as there are too many builds for your host to make available the night of the events, with the limited DSL bandwidth at the facility. If in doubt about what AMP software to download to match your HW/OS, then post to our User Chat Mailing List. You can subscribe to our User List [here](#)

Attendees not meeting any one requirement will likely have to come to multiple evenings. Attendees not meeting all the requirements will not be served on a First Come, First Served basis.

AGENDA

6:45 - 7:00 Early Arrival Networking and Hardware Set up

7:00 - 8:45 Apache, MySQL, PHP Install, Configure, Test

8:45 - 9:00 Clean up.

9:15 Doors are locked.

Disclaimer:

The goal is to overcome a barrier of doing PHP CGI programming on LAMPsig members' and other attendees' computer due to lack of a working AMP environment.

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This event is not your typical Linux Install Fest. There will be no installing Linux or Windows.

This event is not educational, nor a class, and there will be no teaching of any aspect of LAMP or WAMP.

Posted by Sharon Lake in Installfest at 19:00

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Monday, July 18. 2005

All Together Now, a Workshop on MySQL and phpMyAdmin

The second of a series in a hands-on workshop focused on MySQL and phpMyAdmin is scheduled for this Monday, July 18 at 7:00pm.

Date/Time: Monday, July 18 at 7:00pm

Location: Caltek.net on Hoover in L.A.

Cost: Free

Seating: limited, first-come first served, and New Attendees Welcome!!

Instructor: David Benjamin (david_AT_peterbenjamin_(dot)_com)

The evening's goal is to gain skills with MySQL, SQL, and phpMyAdmin. This evening we will be ... designing database tables for Graffiti (guestbook with a twist);creating and populating tables with phpMyAdmin;working a many-to-many relationship example;working intermediate multi-table updates;backing up a database.

workshop schedule continued in further reading section.

The agenda for this week (and last) came from specific input from attendees. This workshop can only continue with your input and participation.

This will be workshop format with the goal of learning by doing. There will be brief introductions followed by "now you do it" exercises. The instructor will give individual help and share answers to the most common questions.

Instructor Notes Workshop 2

SQL file of example Graffiti database for the typing adverse. Note that the plan is to allow time to enter these tables and rows via phpMyAdmin

Workshop Schedule

6:45 - 7:45

Start up and log in with phpMyAdmin (Available on the LAMP SIG/class boot disk: enter "localhost/phpmyadmin" in the address of the browser; a few CDROMS are available free at the class).

Create "Graffiti" database and tables using phpMyAdmin

7:45 - 8:00

Discussion of relational database representation of many-to-many relationships with the Graffiti example. Discussion of foreign keys, referential integrity, and cascading deletes (not available with MyISAM tables). We will write the SQL for a Graffiti web application, such as recording a guest visit to the Graffiti home page.

8:00 - 8:30

We will work several exercises of multi-table SELECTs and UPDATES in the World database -- more hypothetical geopolitical upsets.

8:30 - 8:50

Export from MySQL using phpMyAdmin for backup and for moving a development database to production. Export your Graffiti database to email yourself. Import (restore) using phpMyAdmin.

Discussion of the steps required to make a website using the Graffiti database and PHP. As time permits, we will start building a simple home page for Graffiti.

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Posted by David Benjamin in Classes: MySQL at 19:00

Saturday, July 16. 2005

July Meeting: "Poor Man's" Online Store - John Martinez

Main Topic: "Poor Man's" Online Store - John Martinez

The Store:

This setup is a "Poor Man's" solution and not designed to be a high volume, customer tracking, or accounting solution but can be with a lot of time put in.

John will help you get started with advice on:

- Choosing a Web host.
- Creating a gallery.
- Payments through Paypal.
- Policies and Disclaimers.
- Security.
- Advertising.

Besides being an IT Manager for the largest HVAC company in California, John Martinez makes various types of webs and develops Windows apps and games. Check him out at <http://www.funkyfreshdesigns.com>

Opening Topic: ECommerce Setup from the End-User Point of View - Jim Workman

This is a case study of the End-User responsibilities when creating an eCommerce site. You'll need an Internet Merchant Account, a credit card processing gateway, and an SSL certificate before you even open your virtual doors.

Afternoon Session: CalTek.Net Computer Testing and office cleanup.

Post-meeting: Open for Business installfest - Si Chen

Posted by Jim Workman in Meetings at 00:00

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Monday, July 11. 2005

All Together Now, a Workshop on MySQL and phpMyAdmin

New! A hands-on workshop focused on MySQL and phpMyAdmin is scheduled for Monday evenings at CalTek starting this Monday, July 11 at 7:00pm.

Date/Time: Monday, July 11 at 7:00pm
Location: Caltek.net on Hoover in L.A.
Cost: Free
Seating: limited, first-come first served
Instructor: David Benjamin (david_AT_peterbenjamin_(dot)_com)

This will be workshop format with the goal of learning by doing. There will be brief introductions followed by "now you do it" exercises. The instructor will give individual help and share answers to the most common questions.

The evening's goal is to do a few SELECTs and a few INSERTs and UPDATEs. To make this a little more interesting, we'll use phpMyAdmin, a web-based visual tool that saves a lot of typing and syntax lookups.

workshop schedule and additional information in further reading section.

Instructor Notes Workshop 1

Workshop Schedule

7:00 - 7:30

start up and log in with phpMyAdmin (already on the LAMP SIG boot disk: enter localhost/phpmyadmin" in the address of the browser) and browse database tables using phpMyAdmin

7:30 - 8:00

Common SELECT usage -- start simple and using the editor in phpMyAdmin, grow the SELECT to use WHERE, ORDER BY, and LIMIT. Then, learn how to do filtered searches in phpMyAdmin and view the SQL used.

8:00 - 8:30

Common INSERT and UPDATE usage -- add/modify database rows in phpMyAdmin and view the SQL used. Cut-and-paste that SQL into the SQL editor to make customizations.

8:30 - 8:50

Simplest multi-table SELECT usage -- a short review and refresher and then a couple simple hands-on exercises.

Follow-on workshops will be paced by attendee's progress. Expect topics like (time and interest permitting): SELECT with SUM/MAX/MIN/COUNT and GROUP BY how to generate HTML table rows with SELECT creating databases and setting user permission with phpMyAdmin creating and altering tables with phpMyAdmin saving database creation/restore scripts/backups design of tables for guestbook or reservations

Posted by Sharon Lake in Classes: MySQL at 19:00