DreamWeaver & PHP

Introduction to the DreamWeaver dynamic development interface

First – the necessary software required and installed

- MySql the database (or Access)
- Apache or IIS server
- PHP
- DreamWeaver

Each of these have to be installed and configured to communicate together. Depending on PC or MAC, there are some system settings which may need to be changed to ensure PHP is recognized and functions correctly on the "localhost".

Files to be tweaked:

- Php.ini (in the PHP folder)
- Httpd.conf in the Apache conf folder
- If using IIS, see next slide..
- If using IIS, the local host is in: c:\Inetpub/wwwroot/.. This is where the files live for the PHP to process.
- Need to set up the "local" folder, and the "testing folder".
- (Keep track of all passwords required!)

Windows IIS settings

• These settings "may" have to be tweaked for PHP to work!

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Computer Management (Local) System Tools Event Viewer Shared Folders Local Users and Groups Performance Logs and Alerts Device Manager	Directory Security HTTP Headers Custom Errors ASP.NET Web Site ISAPI Filters Home Directory Documents Filters installed here are active for this Web site only. Filters are executed in the order listed below: Filters are executed in the
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Database plan comes next

- Design the database and create the necessary tables, fields etc.
- Draw a blueprint out first, and start to figure out how each table needs to be related and connected to each other, and what kind of functionality you want
- Use either the MySql Administrator or the PHPmyadmin interface to set up the database.

MySql Administrator

MySQL Administrator	- Connection: root@localhost:3306	
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PHPmyAdmin

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Now onto DreamWeaver..

- Establish a development folder where the pages are constructed
- Set up the "testing server", a folder in c:\inetpub/wwwroot where the files can be processed to show the live data
- Define all settings in the DW site definition window.
 Site/Manage site..

Edit/Testing server

Choose PHP and "Local/Network"

DreamWeaver site definition

Connecting to the database

- FIRST: have a (any) PHP page open in DW
- In Application window, Databases tab, click the + to find the database connection

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User name: root Test	
Password: •••••••	
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What did DW do?

- Once the DB is selected, DW creates a "Connections" folder and inserts a php page specifying the connection
- All other PHP pages using dynamic data will refer to that file for the connection settings.
- The DB name will show up in the Databases tab.

Now the fun part..

- Displaying dynamic data:
- First make a "Record Set" (Query) to define what will be shown under Bindings, click +

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Create a table to show the data

- DW has an easy way:
- Insert/Data
 Objects/Dynamic
 Data/Dynamic table.
- Choose the record set and DW does all the work!
- Preview in the browser to show the live data.

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Creating a data entry form

- Create a form, and insert a table
- Use at least two columns of data
- Set form fields and name each the SAME as the names in the DB!
- Add a submit button
- After that is done, click "Server Behaviors tab, and click + to select "Insert Record"
- Choose required table, and DW will match the field names with the DB names.
- Also set the page to go to after submission.

Insert record

Insert Record		×
Submit values from:	form1 V	
Connection:	botartists Cance	1
Insert table:	artists V Help	
Columns:	'ID' Is an Unused Primary Key. 'firstname' Gets Value From 'FORM.firstname' as 'Text' 'lastname' Gets Value From 'FORM.lastname' as 'Text' 'tell' Gets Value From 'FORM.tell' as 'Text' 'email' Gets Value From 'FORM.email' as 'Text' 'URLown' Gets Value From 'FORM.URLown' as 'Text' 'URLBotArt' Gets Value From 'FORM.URLbotArt' as 'Text'	
	Value: None	
	Submit as: Text	
After inserting, go to:	Browse	

DW Master-detail page set – 2 pages, main with list, linking to detail page

- Save a new page: "Master.php"
- Add new recordset under Bindings panel + sign
- Select the table and keep ALL fields selected as they are needed for the 2nd page.

Recordset			
Name:	Recordset1		ок
Connection:	friends	🖌 Define	Cancel
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Insert/Data Objects/ Master Detail page Set

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						Insert Record Update Record	
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Set specs

- In top area, choose fields to show, and delete the rest.
 Set field to be the link to the detail page.
- In bottom area, set link to detail page
- Pick fields to show on the details page ok.
- DW makes the extra page with the table for results.
- To set the record name above the details shown, locate cursor in spot, go to bindings panel, and drag the required thing into the page. It will show the relevant information for that field.

Insert Master-Det	ail Page Set	×
Recordset:	Recordset1 🐱	OK Cancel
Master page fields:	+ - • • •	Help
Link to detail from:	ID 💌	
Pass unique key:	ID 💌	
Show:	 10 Records at a time All records 	
Detail page name:	Browse	
Detail page fields:		

Server behaviors

- Update record server behavior
- Authentication
- Logging in & logging out
- Access levels
- More in the DW Server Behaviors panel

Essential links

- http://www.php.net/
- http://www.phpmyadmin.net/
- http://httpd.apache.org/download.cgi
- http://dev.mysql.com/downloads/
- Test site:
- <u>http://www.annagraphics.com/sigmembers/login.php</u> (Very rudimentary!)

Helpful links

- <u>http://www.adobe.com/devnet/dreamweaver/articles</u>
 <u>/setting_up_php.html</u>
- <u>http://www.adobe.com/devnet/dreamweaver/php.ht</u>
 <u>ml</u>
- <u>http://devzone.zend.com/node/view/id/627</u>
- <u>http://us.php.net/manual/en/index.php</u>
- <u>http://www.webhosting.uk.com/phpmyadmin-</u> <u>tutorials.php</u>
- <u>http://www.thesitewizard.com/php/index.shtml</u>

.htaccess

- Subject for another meeting.. But read about it here:
- <u>http://www.javascriptkit.com/howto/htaccess.shtml</u>
- If anyone understands .htaccess consider explaining it at a future meeting?