

Building Database Applications in PHP - University of Michigan - Course Resources | Coursera

Week 1: PHP Objects

["The Missing Link" Textbook: Chapters 33](#)

Slides & Embedded Links

[01-PHP-Objects.ppt](#)

01-PHP-Objects.pdf PDF File

Object Oriented Concepts

- <http://php.net/manual/en/ref.datetime.php>
- <http://php.net/manual/en/class.datetime.php>
- <https://www.wa4e.com/code/objects/date.php>

Creating Objects in PHP

- <https://www.wa4e.com/code/objects/nonobj.php>
- <https://www.wa4e.com/code/objects/withobj.php>

Object Oriented Libraries in PHP

- <http://php.net/manual/en/language.oop5.magic.php>

Object Life Cycle in PHP

- <https://www.wa4e.com/code/objects/party.php>
- <https://www.wa4e.com/code/objects/hello.php>

Object Inheritance in PHP

- <https://www.wa4e.com/code/objects/goodbye.php>
- <https://www.wa4e.com/code/objects/scratch.php>
- <https://www.wa4e.com/code/objects/visibility.php>
- <http://www.php.net/manual/en/language.oop5.visibility.php>

Week 2: Connecting PHP and MySQL

Sample Code

<http://www.wa4e.com/code/pdo.zip>

<http://www.wa4e.com/code/rps.zip> (Course 1 Web Apps & PHP Week 8 login.php)

Slides & Embedded Links

[02-Connecting-PHP-and-SQL.ppt](#)

02-Connecting-PHP-and-SQL.pdf PDF File

PHP Database Libraries

- <http://php.net/manual/en/mysqlinfo.api.choosing.php>

Error Handling with PDO

- <http://php.net/manual/en/pdo.error-handling.php>

Windows log file tail utility

- http://ophilipp.free.fr/op_tail.htm

Week 3: PHP Cookies and Sessions

"The Missing Link" Textbook: Chapters 27

Sample Code

<https://www.wa4e.com/code/sessions.zip>

Slides & Embedded Links

[03-Cookies-Sessions.ppt](#)

03-Cookies-Sessions.pdf PDF File

Cookies

<http://www.wa4e.com/code/sessions/cookie.php>

Sessions

- www.tsugi.org
- <http://php.net/manual/en/function.session-start.php>
- <http://php.net/manual/en/function.session-destroy.php>
- <http://www.wa4e.com/code/sessions/sessfun.php>

Sessions Without Cookies

- <http://www.wa4e.com/code/sessions/nocookie.php>

Week 4: Redirect, Routing & Authentication

"The Missing Link" Textbook: Chapters 27

Sample Code

<https://www.wa4e.com/code/route.zip>

Slides & Embedded Links

[04-Routing-Redirect-Authentication.ppt](#)

04-Routing-Redirect-Authentication.pdf PDF File

Cookies

<http://www.wa4e.com/code/sessions/cookie.php>

Wiki - Post/Redirect/Get

<https://en.wikipedia.org/wiki/Post/Redirect/Get>

Mozilla Developer Network - Sending form data

Where does the data go, and how do we handle it when it gets there?

https://developer.mozilla.org/en-US/docs/Learn/HTML/Forms/Sending_and_retrieving_form_data

Week 5: C.R.U.D.

Sample Code

<https://www.wa4e.com/code/crud.zip>

Slides & Embedded Links

[05-CRUD.ppt](#)

05-CRUD.pdf PDF File