



Who am I?

Neil Goodman

I am a Drupal web developer for DANEnet and a student at UW-Madison.

How to contact me:

Twitter: @posco2k8

G.D.O, D.O, IRC: posco



What is a debugger?

A tool that allows you to step line-by-line through your source code and examine the program's state as it is executed.

Examples:

- gdb – GNU Debugger
- jdb – Java Debugger




PHP Debuggers

There are currently two PHP debuggers. One is the Zend Debugger and the other is xDebug.

- <http://www.zend.com/community/pdt>
- <http://www.xdebug.org/>




xDebug vs. Zend



Zend Debugger is proprietary, but binaries are freely available. xDebug is open-source. Other than that, it is a matter of preference. We will be discussing xDebug.



IDEs



An IDE, or Integrated Development Environment, is a suite of tools that usually provides a text editor, GUI interface to a debugger, and profiling tools as well as other features.




PHP IDEs

For a list of PHP IDEs and a side-by-side comparison, I highly recommend this IBM article: *Seven great PHP IDEs compared*

<http://www.ibm.com/developerworks/library/os-php-ide/index.html>



Other Resources



This presentation is based on Matt Butcher's great tutorial on how to setup xDebug and MAMP on OS X:

<http://technosophos.com/content/debugging-your-php-code-xdebug-mamp-textmate-and-macgdbp-support>