

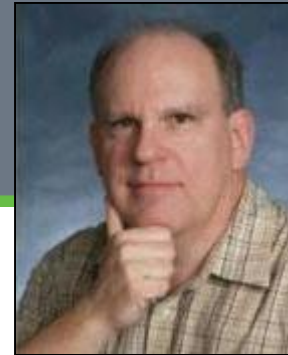
# PHP for Modernization on IBM i

**John Valance**  
division 1 systems  
johnv@div1sys.com

`<div1>`

[www.div1sys.com](http://www.div1sys.com)

# About John Valance



- **Independent consultant since Feb. 2000**
- **Founder and CTO of Division 1 Systems**
  - ▶ Helping IBM shops develop web applications and related skills
  - ▶ Extended team of 150+ technical people
  - ▶ Web and mobile systems development, design, project management
  - ▶ Training, mentoring, consultation and coding
- **30+ years IBM midrange experience (S/38 thru IBM i)**
- **15+ years of web development experience**
- **Frequent presenter on web development topics**
- **Relationship with Zend Technologies**
  - ▶ Taught Intro to PHP for RPG programmers for 4 years
  - ▶ Zend Certified Engineer
  - ▶ Zend Reseller

# Why PHP on IBM i ?

- **Easy to learn**
- **Built for Web Development**
- **Excellent tooling**
  - ▶ Zend Server, Zend Studio, Zend Framework, Zend Toolkit for IBMi
- **Well established on IBMi**
  - ▶ Over 10 years, many shops using
  - ▶ Zend/IBM = strategic partnership
- **Ubiquitous - runs on 80% of web servers**
  - ▶ Major sites - Facebook, Wikipedia, Flickr, Yahoo, Wordpress.com, Mailchimp

# Why PHP on IBM i ? - continued

- **Many Open Source applications**
  - ▶ WordPress, SugarCRM, Magento, Joomla
- **Easy to find experienced developers**
- **Many Frameworks to choose from**
  - ▶ Zend, CodeIgniter, CakePHP, Laravel, Yii...

# Getting Started

- **Install Zend Server**

- ▶ [http://www.zend.com/en/products/zend\\_server](http://www.zend.com/en/products/zend_server)
- ▶ <http://www.zend.com/en/solutions/modernize-ibm-i>
- ▶ Community Edition is Free!

- **Install Zend Studio**

- ▶ <http://www.zend.com/en/products/studio>

- **Start Coding**

- ▶ Play around with some inquiries
- ▶ Identify a pilot project (internal use application)
- ▶ Hire a consultant to help with training / design / project management (external project)

# Alternatives to Running on IBMi

- **Install XAMPP on PC, Mac, or Linux**
  - ▶ <https://www.apachefriends.org/index.html>
  - ▶ Apache + MariaDB + PHP + Perl
  - ▶ Tooling:
    - PHPMyAdmin for MySQL/MariaDB admin
    - Single Administrator console for all components
- **Get a hosting account with PHP+MySQL**
  - ▶ hostmonster, godaddy
  - ▶ Cpanel - to control your DBs, PHP, site files
  - ▶ Use IDE like Zend Studio to develop directly to remote folders.

# Learning / Resources

- **Zend training / Onboarding**
  - ▶ Install, Configure, Educate
- **php.net (<http://www.php.net/>)**
  - ▶ Must bookmark!
- **Google**
- **StackOverflow**
- **Zend knowledgebase / forums**
- **Young I Professionals**  
(<http://yips.idevcloud.com/wiki/index.php/PHP/PHP>)

# Useful Links on zend.com

- Beginning PHP
  - ▶ <http://www.zend.com/en/resources/get-started-with-php>
- Webinars
  - ▶ <http://www.zend.com/en/resources/webinars>
- Support Page
  - ▶ <https://support.zend.com/hc/en-us>
- Forums
  - ▶ <http://forums.zend.com/>
- IBMi Training
  - ▶ <http://www.zend.com/en/services/training/php-i-foundations-ibmi>



# Contact Info

**John Valance**

**johnv@div1sys.com**

**802-355-4024**

**Division 1 Systems**

**<div1>**

**<http://www.div1sys.com>**