Open Source Web Application Development

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Who am I?

- web application developer
- bivio Software, Inc. -- http://bivio.biz/
- Turbine committer -- http://jakarta.apache.org/turbine/
- http://dobbse.net/
- I've built a variety of commercial, non-profit, and government web applications with a variety of tools and languages

Who are you?

- who does most of their development in VB or Swing?
- what databases do you use?
- who has already deploying web applications?
- who has already using open source tools?
- who has submitted patches to an open source project?
- who has direct commit privileges on an open source project?

Examples

- City and County of Denver
- ColoSLA

Open Source & Government

- buy vs. build is a continuum
- taking license - GPL, LGPL, BSD, MIT, Apache, Artistic
- about the cost

Web Applications

- database applications with a web browser as the client
- advantages of web applications
- disadvantages
- advanced practices

Basic Anatomy - beyond MVC

- presentation
- form validation
- actions -- changes in the application data
- application workflow
- persistent data source

Web Services

- All web applications are a kind of web service
- URLs are your method calls, everything in the form or after the question mark are arguments to the remote methods
- page contents are structured return values, and return status can also indicate success or failure
- XHTML is XML
- CSS can provide the UI for browser based clients