



Web Development Platforms - Fact Sheet

This course will provide you with a business-oriented analysis of the relative pros and cons and strategic implications of selecting one application development platform over another. The curriculum demystifies the technical complexity of Web application development platforms to guide internal planning and alignment.

Instructor: Kas Thomas - Analyst, CMS Watch

Length: 6 modules, 4 hours

Cost: \$395 (Five or more students eligible for group discount -- contact info@cmswatch.com or [call](#) for details)

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Outline

Modules included in this course:

- Introduction
- Java
- .NET
- LAMP
- Ruby on Rails
- Conclusion

Who should take this course:

- **Business analysts** -- to learn what key investments should be made
- **Information and Knowledge Managers** -- to compare various web development platforms against other enterprise-wide information and knowledge management tools
- **Project managers, senior architects, and lead developers** -- to understand different approaches for customizing and extending platforms
- **Enterprise architects** -- to learn about architectures, governance, critical third-party modules, and other aspects of running web development platforms beyond a single installation
- **IT managers** -- to better guide business colleagues about choices and impacts before choosing a platform
- **Consultants** -- to understand how to improve implementations through better governance
- **Anyone considering** implementing web development platforms and understanding how it will scale across the enterprise
- **Individuals** who want more of the basics of web application development

Learning Objectives:

Module 1: Overview of Web Development Platforms

- Learn exactly what a “platform” is and why you need one
- Learn how to begin thinking about making a selection
- Learn what specific criteria to do you need to evaluate when you compare competing products
- Receive a high-level introduction to the course material, and statement of the problem
- Comprehend the assessment of need and criteria for the evaluation of products
- Understand your resource and investment expectations

Module2: .NET

- Understand the basic architecture of the .NET framework
- Understand the coding paradigms supported by .NET, including "Classic ASP" vs. ASP.NET programming
- Understand how .NET can be leveraged to achieve rapid application development (and attendant cost savings)
- Understand the .NET software licensing model
- Be able to compare and contrast the relative merits of the .NET platform with other platforms in this educational series

Module 3: Java

- Know the difference between Java – the language – and Java – the runtime and development platform
- Know the basic value propositions of at least three Java-based Web development platforms
- Be able to evaluate a number of competing application servers from different vendors
- Have an understanding of some of the middleware technologies that enable rapid integrations

Module 4: LAMP

- Understand the "classic" stack of technologies that comprised LAMP, as well as modern variations that interchange various components
- Be able to assess the ecosystem of open-source solutions that augment the LAMP stack
- Possess a basic understanding of the factors to consider when weighing the risks and benefits of a low- or no-cost software stack

Module 5: Ruby on Rails

- Gain an understanding of the unique features of Rails ("Convention over Configuration", "Don't Repeat Yourself"), and how it compares to similar scaffolding packages for languages other than Ruby
- Become familiar with notable successes and challenges faced by pioneers of the technology used in production environments
- Understand how to compare "apples to apples" in evaluating RoR against other Web application platforms



Module 6: Conclusion

- Be able to identify the value propositions of the 4 web application development platforms thus far discussed
- Be able to create an evaluation matrix to help narrow your choices to the appropriate platform
- Be able to place the 4 platforms discussed thus far on a continuum of “appropriateness” based on at least 10 selection criteria