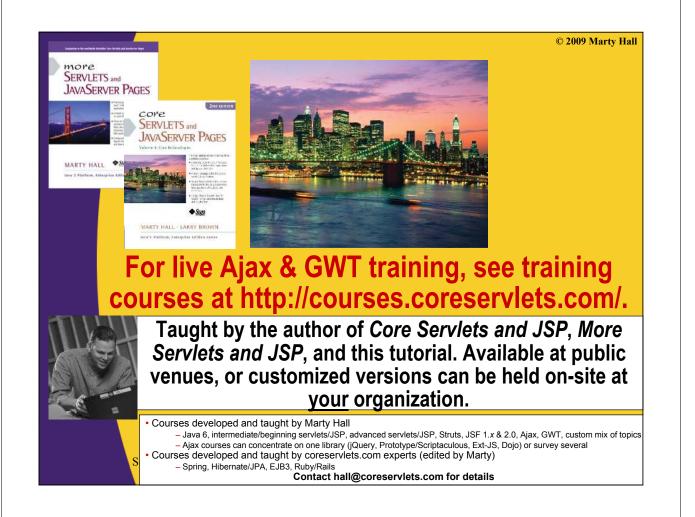
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JavaScript: A Crash Course Part I: Core Language Syntax

Originals of Slides and Source Code for Examples: http://courses.coreservlets.com/Course-Materials/ajax.html

Customized Java EE Training: http://courses.coreservlets.com/ Servlets, JSP, JSF 1.*x* & JSF 2.0, Struts Classic & Struts 2, Ajax, GWT, Spring, Hibernate/JPA, Java 5 & 6. Developed and taught by well-known author and developer. At public venues or onsite at *your* location.



Topics in This Section

- Overview
- JavaScript references
- Embedding in browser
- Basic syntax
- Strings and regular expressions
- Functions
- Objects



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Intro

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Developed and taught by well-known author and developer. At public venues or onsite at *your* location.

Books

JavaScript the Definitive Guide

- By David Flanagan, O'Reilly. The only really complete reference on the JavaScript language. Thorough and well-written.
 - Makes the global variable blunder when covering Ajax.

JavaScript: The Good Parts

- By Douglas Crockford (of JSON and YUI fame), O'Reilly
- Outstanding advanced guide to best practices in core JavaScript, especially functions, objects, and regular expressions. *Very* short.
 Does not cover Ajax at all. No DOM scripting. "The K&R of JS".

Pro JavaScript Techniques

- By John Resig (of jQuery fame), APress
- Excellent guide to best practices; not a thorough reference
 - Does not make the global variable blunder when covering Ajax.

DOM Scripting

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- By Jeremy Keith, FriendsOf Press
- Focuses on manipulating DOM and CSS
 - Makes the global variable blunder when briefly covering Ajax.

Online References

JavaScript tutorial (language syntax)

- http://www.w3schools.com/js/
- http://developer.mozilla.org/en/docs/ Core_JavaScript_1.5_Guide

JavaScript API references (builtin objects)

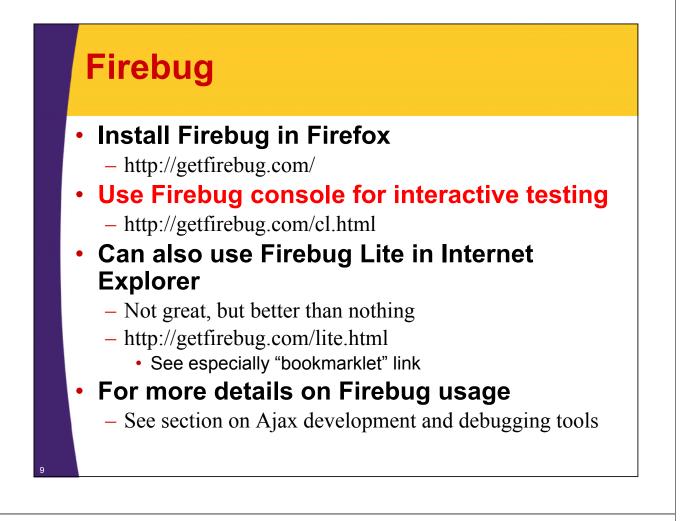
- http://www.w3schools.com/jsref/
- http://www.devguru.com/technologies/ecmascript/ QuickRef/
- http://www.devguru.com/technologies/JavaScript/
- http://www.javascriptkit.com/jsref/
- http://developer.mozilla.org/en/docs/ Core_JavaScript_1.5_Reference

HTML DOM reference (with JavaScript Examples)

http://www.w3schools.com/htmldom/dom_reference.asp

Official ECMAScript specification

 http://www.ecma-international.org/publications/standards/ Ecma-262.htm





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Embedding JavaScript in HTML

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Example (phish.js)

```
function getMessage() {
  var amount = Math.round(Math.random() * 100000);
  var message =
    "You won $" + amount + "!\n" +
    "To collect your winnings, send your credit card\n" +
    "and bank details to oil-minister@phisher.com.";
  return(message);
                         _"alert" pops up dialog box
}
function showWinnings1() {
  alert(getMessage());
}
                         "document.write" inserts text into page at current location
function showWinnings2() {
  document.write("<h1><blink>" + getMessage() +
                   "</blink></h1>");
```

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