

<<学习JavaScript>>

图书基本信息

书名：<<学习JavaScript>>

13位ISBN编号：9787564116491

10位ISBN编号：7564116498

出版时间：2009-7

出版时间：东南大学出版社

作者：Sbelley Powers

页数：375

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

## 前言

JavaScript was originally intended to be a scripting interface between a web page loaded in the browser client ( Netscape Navigator at the time ) and the application on the server. Since its introduction in 1995, JavaScript has become a key component of web development, and has found uses elsewhere as well. This book covers the JavaScript language, from its most primitive data types that have been around since the beginning of the language, to its most complex features, including those that have to do with Ajax and dynamic page effects. After reading this book, you will have the basics you need to work with even the most sophisticated libraries and web applications. Audience Readers of this book should be familiar with web page technology, including Cascading Style Sheets ( CSS ) and HTML/XHTML. Previous programming experience isn't required, though some sections may require extra review if you have no previous exposure to programming. This book should help: Anyone who wants, or needs, to integrate JavaScript into his own personal website or sites Anyone who uses a content-management tool, such as a weblogging tool, and wants to better understand the scripting components incorporated into her tool templates Web developers who seek to integrate JavaScript and some of the dynamic webpage/Ajax features into their websites Web service developers who want to develop for a new market of clients Teachers who use web technologies as either the focus or a component of their courses

## <<学习JavaScript>>

### 内容概要

如果你想使用JavaScript来利用当今强大的浏览器，《学习JavaScript》为这个Web开发中奇妙且不可缺少的语言提供了完整而实际的指导。

你将会学习从原始数据类型到复杂特性的所有内容，包括与Ajax和动态页面效果有关的JavaScript元素。

学完这本书，你将能够使用最复杂的程序库和Web应用程序。

第二版中包括了许多JavaScript运用中的最佳实践和范例，展示了如何将语言和浏览器环境整合，以及如何为符合标准的Web站点实践准确的编码技术。

有了这本书，你将能够：

- 学习JavaScript应用程序结构，包括基本语句和控制结构；
- 识别JavaScript对象：String、Number、Boolean、Function等；
- 使用浏览器调试工具和故障检测技术；
- 理解事件处理、表单事件和带有表单的JavaScript应用程序；
- 使用浏览器对象模型（BOM）、文档对象模型（DOM）和自定义对象进行开发；
- 学习关于浏览器cookies和更多最新的客户端存储技术；
- 利用Ajax应用程序得到使用XML和JSON的详细信息。

《学习JavaScript》遵循已被证实的学习原理，帮助你以简单的步骤吸收这些原理，以使你理解如何在各种浏览器中建立强大且反应迅速的应用程序。

## 作者简介

作者：(美国)Sbelley Powers

## 书籍目录

Preface  
 1. Hello JavaScript! Hello World! Hello World! Once Again The script Tag JavaScript Versus ECMAScript Versus JSript Defining Functions in JavaScript Event Handlers The document Browser Object The property Operator The var Keyword and Scope Statements Comments What You Didn't See: HTML Comments and CDATA Sections. JavaScript Files Accessibility and JavaScript Best Practices Accessibility Guidelines noscript  
 2. JavaScript Data Types and Variables Identifying Variables Naming Guidelines Primitive Types The String Data Type String Escape Sequences String Encoding Converting to Strings The Boolean Data Type The Number Data Type The null and undefined Variables Constants: Named but Not Variables Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 3. Operat0rs and Statements The Format of a JavaScript Statement The Assignment Statement The Arithmetic Operators The Unary Operators Operator Precedence A Handy Shortcut: Assignment with Operation The Bitwise Operators Conditional Statements and Program Flow The if...else Conditional Statement The switch Conditional Statement The Conditional Operators The Equality and Identity (String Equality) Operators Other Relational Operators The One and Only JavaScript Ternary Operator The Logical Operators Advanced Statements: The Loops The while Loop The do...while Loop The for Loops Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 4. The JavaScript Objects Primitive Data Types As Objects Boolean, Number, and String The Boolean Object The Number Object, Static Properties, and Instance Methods The String Object Regular Expressions and RegExp The RegExp Methods: test and exec Working with Regular Expressions The Date Object The Math Object The Math Properties The Math Methods JavaScript Arrays FIFO Queues Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 5. Functions Declarative Functions Function Naming Conventions and Size Function Returns and Arguments Anonymous Functions Function Literals Functions and Recursion Nested Functions, Function Closure, and Memory Leaks Callback Functions Function Type Summary Function Scope Function As Object Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 6. Troubleshooting, Debugging, and Cross-Browser Issues Simple Ways to Debug Development and Debugging Tools by Browser Firefox and Firebug Using console.log Firefox, the Web Developer Toolkit, and NoScript Opera and Dragonfly Safari/WebKit and the Web Inspector Internet Explorer Dealing with Cross-Browser Differences Object Detection Where Object Detection Fails DOCTYPE, X-UA-Compatible, and Quirks Mode Breaking Backward Compatibility: The IE8 http-equiv Meta Tag Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 7. Catching Events The Events Level 0 Event Handling The Event Object Event Bubbling Event Handlers and this The DOM Level 2 Event Model Generating Events Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 8. Forms, Form Events, and Validation Attaching Events to Forms: Different Approaches Cross-Browser Event Handling Canceling an Event Selection Dynamically Modifying the Selection Selection and Auto-Selection Radio Buttons and Checkboxes The text, textarea, password, and hidden Input Elements Text Validation Input Fields and Regular Expression Validation Forms, the Sandbox, and XSS Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 9. Browser As Puzzle Box The Structure of the Browser at a Glance The window Object Creating and Controlling Windows The Dialogs: alert, confirm, and prompt Creating Custom Windows Modifying a Window Frames The location Object Remote Scripting with the iframe Adding and Controlling Timers The history, screen, and navigator Objects The history Object The screen Object The navigator Object The history, screen, and navigator Properties in Action The Document Object Links Images innerHTML Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 10. Cookies and Other Client-Side Storage Techniques The JavaScript Sandbox and Cookie Security The Same-Origin Security Policy Using document.domain All About Cookies Storing and Reading Cookies Flash Shared Objects, Google Gears, and HTML5 DOM Storage Test Your Knowledge: Quiz Test Your Knowledge: Answers  
 11. The DOM, or Web Page As Tree A Tale of Two Interfaces The DOM HTML API The DOM HTML Objects and Their Properties DOM (HTML)

Collections Understanding the DOM: The Core API The DOM Tree Node Properties and Methods  
The DOM Core Document Object Element and Access in Context Modifying the Tree Test Your  
Knowledge: Quiz Test Your Knowledge: Answers12. Dynamic Pages JavaScript, CSS, and the DOM The  
Style Property/Attributes Fonts and Text Font Style Properties Text Properties Position and  
Movement Dynamic Positioning Drag-and-Drop Size and Clipping Overflow and Dynamic  
Content The Clipping Rectangle Display, Visibility, and Opacity The Right Tool for the Right Effect  
Just-in-Time Information Revisiting the DOM: Collapsing Forms, Query Selectors, and Class Names Test  
Your Knowledge: Quiz Test Your Knowledge: Answers13. Creating Custom JavaScript Objects The JavaScript  
Object and Prototyping Prototyping Creating Your Own Custom JavaScript Objects Enter the  
Function Public and Private Properties and Where this Enters the Picture Getters and Setters Object  
Encapsulation Chaining Constructors and JavaScript Inheritance One-Off Objects Object Libraries: Packaging  
Your Objects for Reuse Advanced Error Handling Techniques (try, throw, catch) Test Your Knowledge: Quiz  
Test Your Knowledge: Answers14. Moving Outside the Page with Ajax How Ajax Works Hello Ajax World!  
The XMLHttpRequest Object and Preparing to Send the Request Object, Object, Who Has the Object?  
The XMLHttpRequest Methods Processing the Web Request Return Checking the readyState and status  
of an Ajax Request Processing the Web Request Result Ajax: It's Not Only Code The Dynamic Nature  
of Ajax Ajax Accessibility and Degrading Gracefully Security and Workarounds JavaScript and Ajax  
Libraries Test Your Knowledge: Quiz Test Your Knowledge: Answers15. Ajax Data: XML or JSON?  
XML-Formatted Ajax Results The Data's MIME Type Generating the XML on the Server  
Processing the XML on the Client JavaScript Object Notation A Simple JSON Application The  
JSON Object Test Your Knowledge: Quiz Test Your Knowledge: AnswersIndex

## 章节摘录

插图 : Using the object property approach, you don't have to add event handlers as attributes into element tags, but instead can add them into the JavaScript itself. We'll get into more details on event handlers and more advanced forms of event handling beginning in Chapter 7. In the meantime, let's take a closer look at the document object. The document Browser Object Example 1-2, as small as it is, used one of the most powerful objects available in your browser: the document object. The document object is, for all intents and purposes, a representation of the page, including all of the elements within it. It's through the document that we can access the page contents, and as you've just seen, it's through the document that we can also modify the page contents. The document has collections mapped to page elements, such as all the images or form elements in the page. It also has methods that you can use to both access and alter the web page, including the open, write, and close methods used in Example 1-2. The open method opens the document for writing. In Example 1-2, the document opened was the same document with which the script is contained. The write method is a variation of the write method, which outputs a string of text to the document. The only difference between write and writeln is that writeln also appends a newline character following the text. The close method closes the document, and also forces the immediate rendering of the document contents. An unfortunate consequence of writing to the existing document after the page is loaded is that the existing contents of the document are erased. That's why when you open the page you'll see the "Hello, World !  
" message but you won't see the "Hi" that's already in the page.

编辑推荐

《学习JavaScript(影印版)》是由东南大学出版社出版的。



#### 版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>