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Titolo	Beginning JSON // by BEN SMITH
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Descrizione fisica	1 online resource (308 p.)
Collana	Expert's Voice in Web Development
Disciplina	004
Soggetti	Computer programming Software engineering Web Development Software Engineering/Programming and Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Learn the preferred data format of the web"--Cover.
Nota di contenuto	Contents at a Glance; Introduction; Chapter 1: JavaScript Basics; JavaScript History; JavaScript Essentials; Values; Primitive Types; The Number Type; The String Type; Alternate Quotations; Escaped Quotations; The Boolean Type; undefined Type; null Type; Expressions; Operators; Assignment Operator; Arithmetic Operators; Comparison Operators; The typeof Operator; The instanceof Operator; The ! Operator; Statements; Line Terminators; Control Statements; Block Statements; Truthy/ Falsy; Loop Statements; The for loop; The for/in loop; Declarations; Variables; Functions; Summary Key Points from This ChapterChapter 2: Special Objects; Objects; Objects Are Collections; Built-in Objects; Object; Creating Objects; Access Notation; Dot Notation; Bracket Notation; Bracket Notation vs. Dot Notation; Array; Object Literals; Designing Literals; The Object Literal; The Array Literal; Summary; Key Points from This Chapter; Chapter 3: String Manipulation; String Concatenation; The String Object; Creating String Objects; The Interface of the String Object; length; toString; charAt; indexOf; lastIndexOf; match; replace; slice; substr; split; toUpperCase; toLowerCase The Implicit String ObjectSummary; Key Points from This Chapter; Chapter 4: Introducing JSON; History; JSON Grammar; Composite

Structures; JSON Values; JSON Tokens; Summary; Key Points from This Chapter; Chapter 5: Creating JSON; The Serialization Process - Demystified; The JSON Object; stringify; value; toJSON; replacer; replacer Array; replacer Function; space; Summary; Key Points from This Chapter; Chapter 6: Parsing JSON; JSON.parse; eval; reviver; Summary; Key Points from This Chapter; Chapter 7: Persisting JSON: I; HTTP Cookie; Syntax; expires; max-age; domain; path; secure; httpOnly
document.cookie Web Storage; Web Storage Interface; setItem; getItem; removeItem; clear; key; length; Summary; Key Points from This Chapter; Chapter 8: Data Interchange; Hypertext Transfer Protocol; HTTP-Request; Request Line; Headers; General Headers; Request Headers; Entity Headers; Entity Body; HTTP Response; Status Line; Headers; General Headers; Response Headers; Entity Headers; Entity Body; Ajax; XMLHttpRequest Interface; Global Aspects; The Request Aspect; open; setRequestHeader; send; abort; timeout; withCredentials; upload; The Response Aspect; getAllResponseHeaders; getResponseHeader overrideMimeType Obtaining the Response; readyState; status; statusText; responseXML; responseText; responseType; response; Summary; Key Points from This Chapter; Chapter 9: X-Origin Resources; Same-Origin Policy; Circumventing Same-Origin Policy; CORS; Resource Sharing Check; The Proxy; JSONP; Dynamic Script Tag Injection; Summary; Key Points from This Chapter; Chapter 10: Serving JSON; Node.JS; Windows Installation; Mac Installation; Building an HTTP Server; Node HTTP Web Server; Node API; Modules; The HTTP Module; http.createServer; http.IncomingMessage; http.ServerResponse; http.Server
CORS-Enabled Server

Sommario/riassunto

Beginning JSON is the definitive guide to JSON - JavaScript Object Notation - today's standard in data formatting for the web. The book starts with the basics, and walks you through all aspects of using the JSON format. Beginning JSON covers all areas of JSON from the basics of data formats to creating your own server to store and retrieve persistent data. Beginning JSON provides you with the skill set required for reading and writing properly validated JSON data. The first two brief chapters of the book contain the foundations of JavaScript as it relates to JSON, and provide the necessary understandings for later chapters. Chapters 3 through 12 reveal what data is, how to convert that data into a transmittable/storable format, how to use AJAX to send and receive JSON, and, lastly, how to reassemble that data back into a proper JavaScript object to be used by your program. The final chapters put everything you learned into practice.
