

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910460423003321 |
| Autore | Thomas Stephen A. <1962-> |
| Titolo | Data visualization with JavaScript // Stephen A. Thomas |
| Pubbl/distr/stampa | San Francisco, California : , : No Starch Press, , 2015 ©2015 |
| ISBN | 1-4571-8986-0 1-59327-676-1 |
| Edizione | [1st edition] |
| Descrizione fisica | 1 online resource (381 p.) |
| Disciplina | 005.2/762 |
| Soggetti | Information visualization - Data processing JavaScript (Computer program language) Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | About the Author; Brief Contents; Contents in Detail; Acknowledgments; Introduction; The Book's Philosophy; The Book's Contents; Source Code for Examples; Chapter 1: Graphing Data; Creating a Basic Bar Chart; Step 1: Include the Required JavaScript; Step 2: Set Aside a Element to Hold the Chart; Step 3: Define the Data; Step 4: Draw the Chart; Step 5: Fix the Vertical Axis; Step 6: Fix the Horizontal Axis; Step 7: Adjust the Styling; Step 8: Vary the Bar Color; Step 9: Work Around flot2 "Bugs"; Plotting Continuous Data with a Line Chart; Step 1: Define the Data Step 2: Graph the CO2 DataStep 3: Add the Temperature Data; Step 4: Improve the Chart's Readability; Step 5: Clarify the Temperature Measurements; Step 6: Label the Chart; Step 7: Work Around flot2 "Bugs"; Emphasizing Fractions Using a Pie Chart; Step 1: Define the Data; Step 2: Draw the Chart; Step 3: Label the Values; Step 4: Work Around flot2 "Bugs"; Plotting X/Y Data with a Scatter Chart; Step 1: Define the Data; Step 2: Format the Data; Step 3: Plot the Data; Step 4: Adjust the Chart's Axes; Step 5: Label the Data; Step 6: Clarify the X- Axis; Step 7: Answer Users' Questions Step 8: Work Around flot2 "Bugs"Adding Magnitudes to X/Y Data with a Bubble Chart; Step 1: Define the Data; Step 2: Create a Background |

for the Chart; Step 3: Plot the Data; Step 4: Add the Background; Step 5: Color the Bubbles; Step 6: Adjust the Legend Styles; Step 7: Work Around flot2 "Bugs"; Displaying Multidimensional Data with a Radar Chart; Step 1: Define the Data; Step 2: Create the Chart; Step 3: Work Around flot2 "Bugs"; Summing Up; Chapter 2: Making Charts Interactive; Selecting Chart Content; Step 1: Include the Required JavaScript Libraries
Step 2: Set Aside a Element to Hold the ChartStep 3: Prepare the Data; Step 4: Draw the Chart; Step 5: Add the Controls; Step 6: Define the Data Structure for the Interaction; Step 7: Determine Chart Data Based on the Interaction State; Step 8: Add the Controls Using JavaScript; Step 9: Respond to the Interaction Controls; Zooming In on Charts; Step 1: Prepare the Page; Step 2: Draw the Chart; Step 3: Prepare the Data to Support Interaction; Step 4: Prepare to Accept Interaction Events; Step 5: Enable the Interaction; Tracking Data Values
Step 1: Set Aside a Element to Hold the ChartsStep 2: Prepare the Data; Step 3: Draw the Charts; Step 4: Implement the Interaction; Retrieving Data Using AJAX; Step 1: Understand the Source Data; Step 2: Get the First Level of Data via AJAX; Step 3: Process the First Level of Data; Step 4: Get the Real Data; Step 5: Process the Data; Step 6: Create the Chart; Summing Up; Chapter 3: Integrating Charts on a Page; Creating a Classic Sparkline; Step 1: Include the Required JavaScript Libraries; Step 2: Create the HTML Markup for the Sparkline; Step 3: Draw the Sparkline
Step 4: Adjust the Chart Style

Sommario/riassunto

Data Visualization with JavaScript shows developers how to create impressive data visualizations for the web, including animated charts and interactive maps.
