

Taiko

A Code-First Approach

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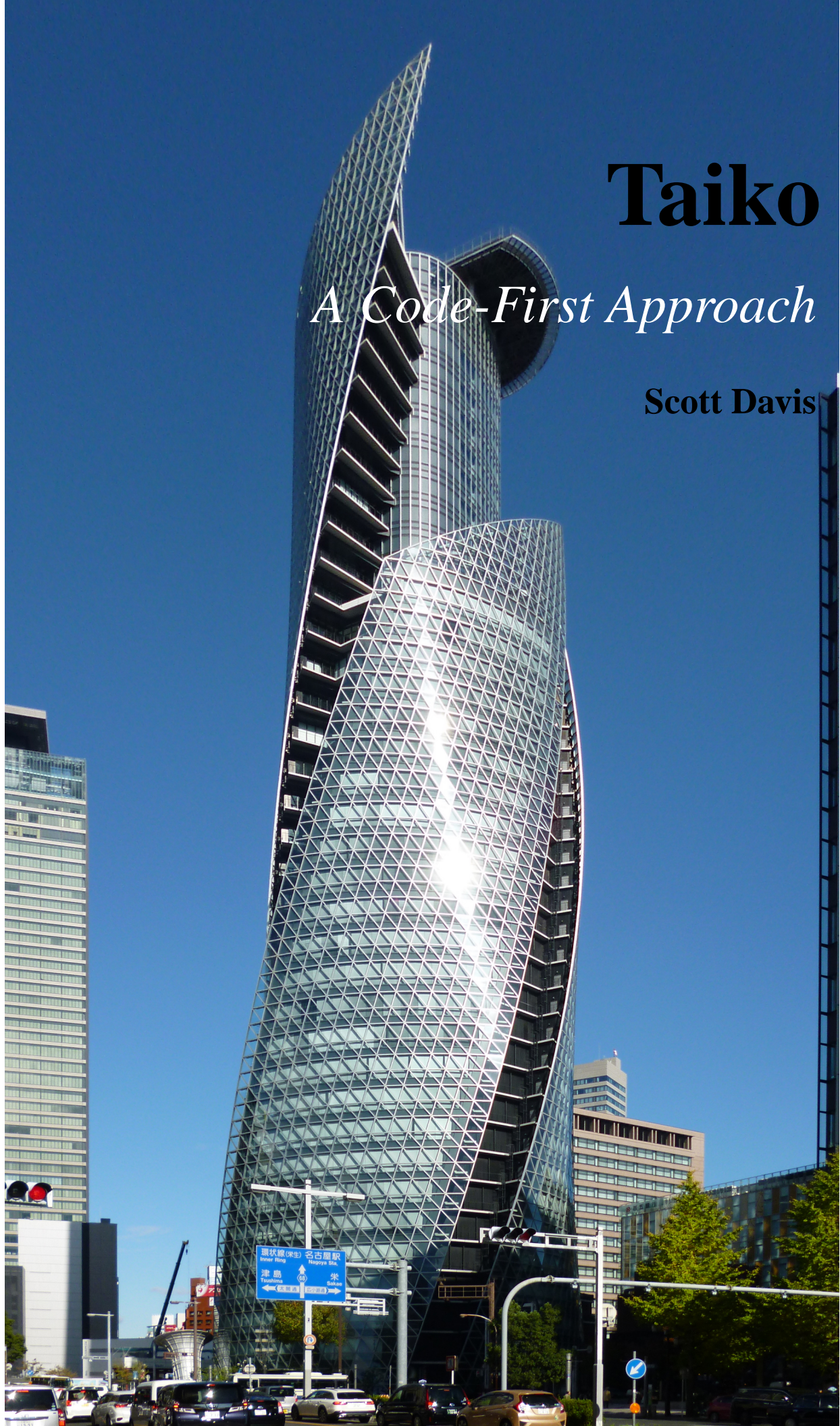


Table of Contents

Introduction 1

Installation and Configuration 2

 Installing Taiko 2

Introduction

Taiko is a JavaScript-based Domain Specific Language (DSL) for automatically driving your web browser just like a typical user does. If a user goes to your website, clicks on a link, fills in some form fields, and clicks the "submit" button, you can script up that behavior in Taiko and replay it in a reliable, automated way.

Installation and Configuration

Installing Taiko couldn't be easier. It's a single command: `npm install -g taiko`. But there's plenty more that you can do to configure and customize Taiko once it's installed.

Installing Taiko

```
$ npm install -g taiko

/Users/scott/.nvm/versions/node/v12.14.1/bin/taiko ->
/Users/scott/.nvm/versions/node/v12.14.1/lib/node_modules/
  taiko/bin/taiko.js

> taiko@1.0.7 install
/Users/scott/.nvm/versions/node/v12.14.1/lib/node_modules/taiko
> node lib/install.js

Downloading Chromium r724157 - 117.6 Mb [=====] 100%
0.0s

> taiko@1.0.7 postinstall
/Users/scott/.nvm/versions/node/v12.14.1/lib/node_modules/taiko
> node lib/documentation.js

Generating documentation to lib/api.json
+ taiko@1.0.7
added 73 packages from 114 contributors in 50.835s
```

When you install Taiko, notice that you get a known-compatible version of Chromium installed as well. Chromium is an open-source, bare-bones web browser that, as you might've guessed by the name, is the core of the Google Chrome browser. Interestingly, Chromium is also the foundation of the Opera browser, the Microsoft Edge browser, and many others. Chromium-based browsers make up roughly two-thirds of the browser market, so using Chromium with Taiko covers the widest possible swath of web users.