Getting Started with

BOLT
Lite

Getting Started with **BO**⚡**T**™ Lite

Download

Download the app as either a container or Library.

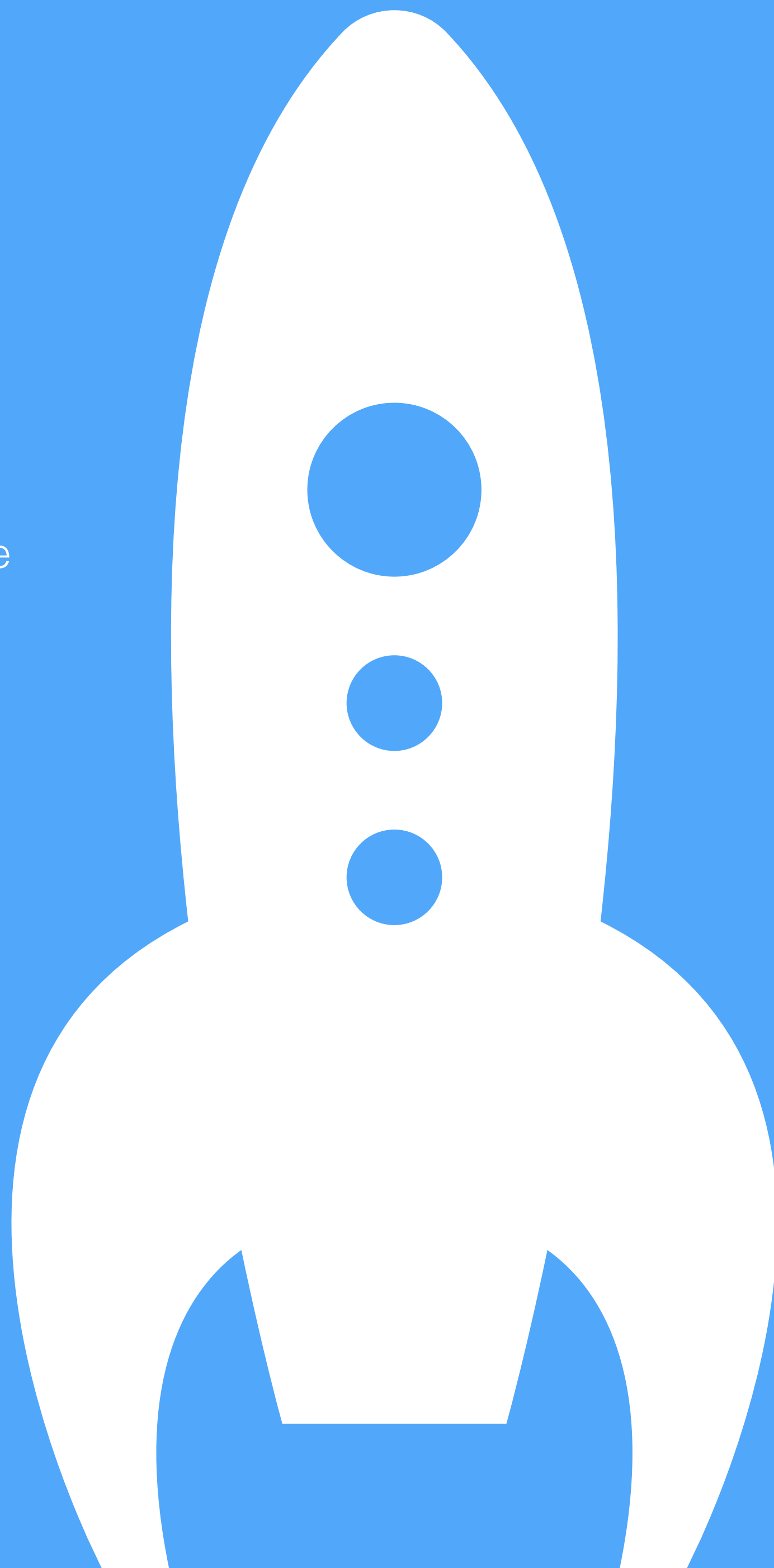http://www.boltiq.io/bolt-lite/

See Examples

Open the example test projects in the specs folder to see how test cases are written.

Write A Test

Write a simple test - use the Step List Library file included in documentation as a list of available pre-built steps for testing.

Execute

Click run from IntelliJ to start a test and watch your automated test case execute.

Installing **BO⚡T**™ Lite

Install **BOLT** Lite Library

Get up and running quickly by downloading **BOLT** Lite Library. Check out the [install video](#) to see how the install looks. Requirements: Chrome.

[Install Java8](#)

(built with 1.8_131)

[Install Gauge](#)

Download Gauge and install with plugins for reporting and Java.

[Install IntelliJ](#)

Download and install IntelliJ Community Edition. Add Gauge plug-in to IntelliJ.

[Clone BOLT Project](#)

Clone or download BOLT Lite Project from GitHub.

Link Dependencies

Open the BOLT_Test_Lite_Project folder in IntelliJ to import Maven dependencies. Follow [these instructions](#) to specify the Java JDK.

Run

Click run from IntelliJ

See Examples

BOLT IQ - Basic

Open the **BOLT** - Basic folder to see and execute a basic set of tests that goes to the boltiq.io website and runs a few simple test cases.
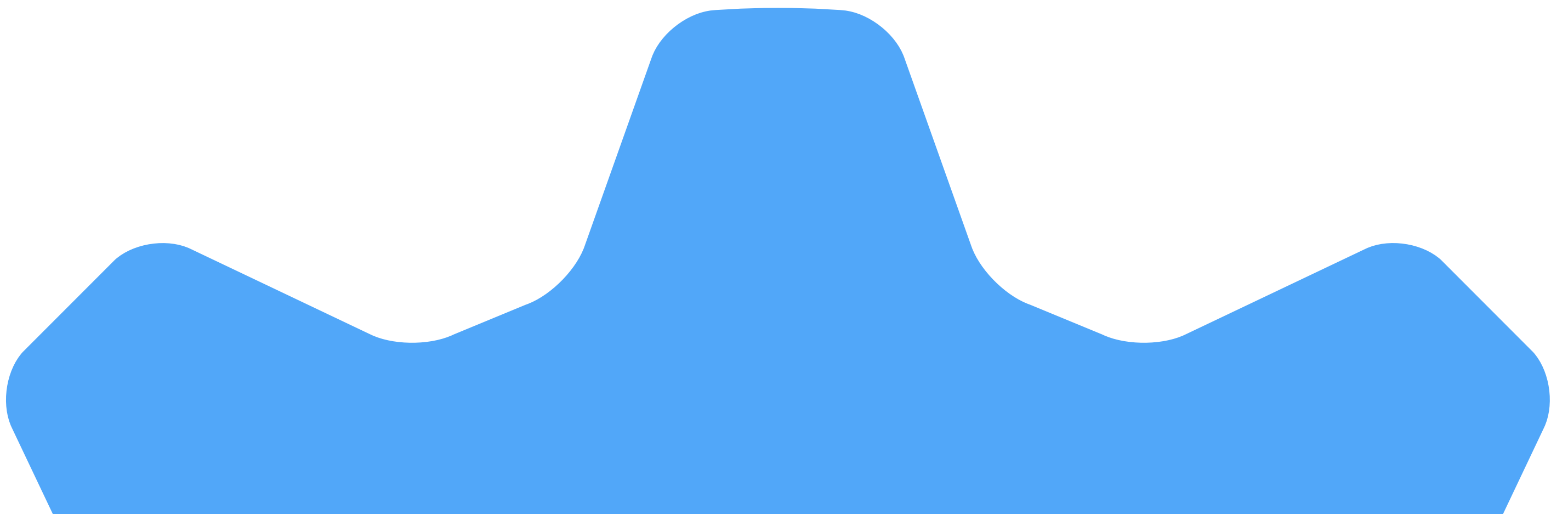
Amazon - Intermediate

Open the Amazon - Intermediate folder to view and execute an intermediate set of tests that uses a table of data to go to Amazon and adds products to the cart.
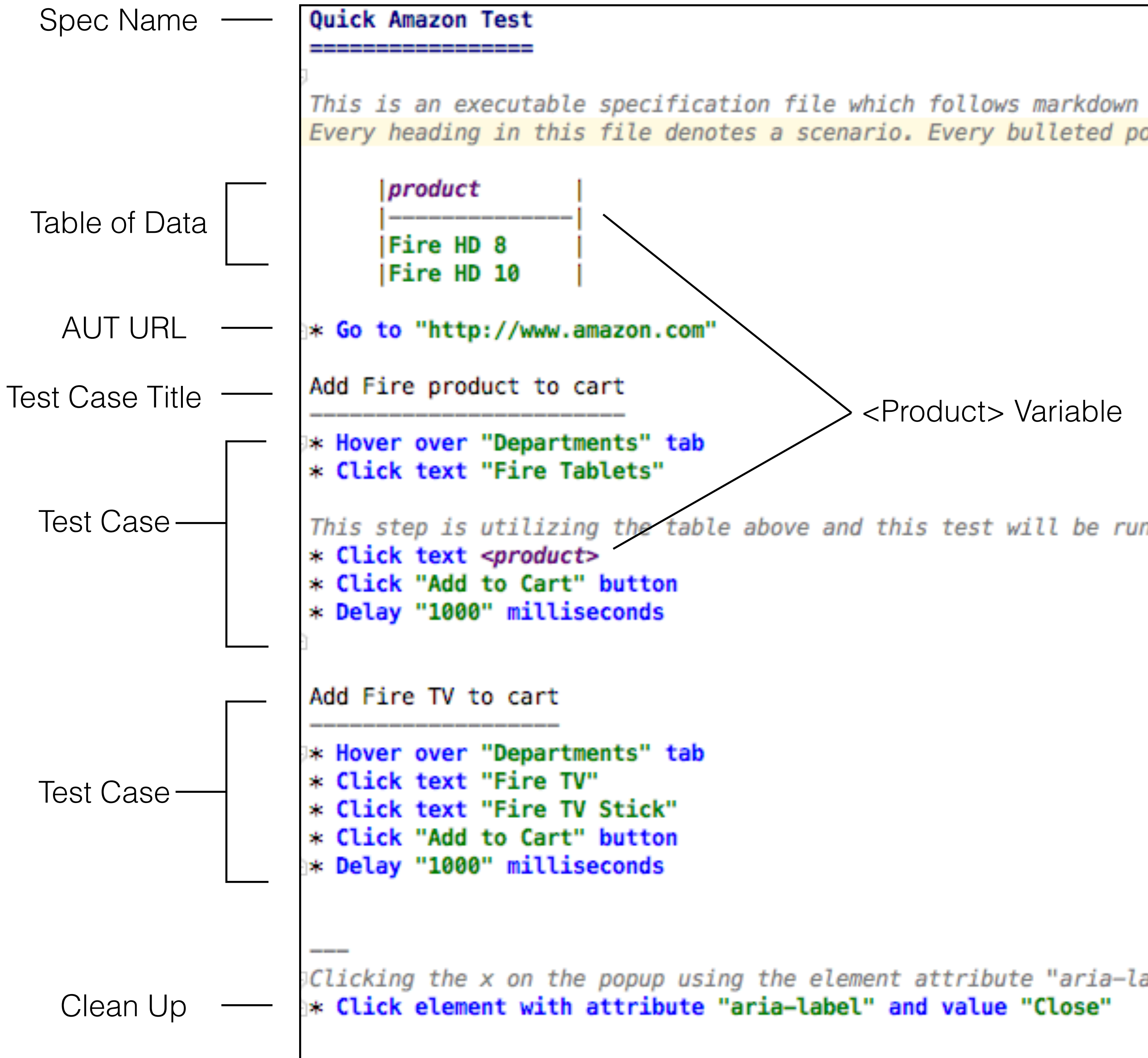
Automation Practice - Advanced

Open the AutomationPractice - Advanced folder and open the DemoSite.spec file along with the element_definitions.csv and options.csv files to see how this more advanced test is structured.

Anatomy of a Spec File

(A Group of Test Cases)

Spec Name —

```
Quick Amazon Test
=================

This is an executable specification file which follows markdown
Every heading in this file denotes a scenario. Every bulleted po
```

Table of Data

```
        |product        |
        |---------------|
        |Fire HD 8      |
        |Fire HD 10     |
```

AUT URL —
```
* Go to "http://www.amazon.com"
```

Test Case Title —
```
Add Fire product to cart
------------------------
```

Test Case —
```
* Hover over "Departments" tab
* Click text "Fire Tablets"

This step is utilizing the table above and this test will be run
* Click text <product>
* Click "Add to Cart" button
* Delay "1000" milliseconds
```

<Product> Variable

Test Case —
```
Add Fire TV to cart
-------------------

* Hover over "Departments" tab
* Click text "Fire TV"
* Click text "Fire TV Stick"
* Click "Add to Cart" button
* Delay "1000" milliseconds


___
Clicking the x on the popup using the element attribute "aria-la
```

Clean Up —
```
* Click element with attribute "aria-label" and value "Close"
```

Writing a Test (by duplicating an existing one)

A quick way to try out **BOLT** by simply changing a few things.

Duplicate Demo Spec

Duplicate the "specs/demo/demo.spec" file by selecting the file, click edit>copy, then select the "specs/demo" folder and click edit/paste from the application menu. Give the file a new name.

Change Spec Title

Change Tags

Change URL
This is the URL for the Application Under Test

Change Test Case Heading

Change Test Case
Start with an action by typing "*" and then an action.

Change Cleanup Action
Write any cleanup actions (executed only once at end of execution).

```
Install Test
============
Tags: install, regression

setup steps exist here
* Go to "http://www.yahoo.com"


Install Test Case
-----------------
Tags: installTest, smokeTest
test steps exist here
* Go to "http://www.google.com"


_____
* Go to "http://www.bing.com"
cleanup steps exist here
```
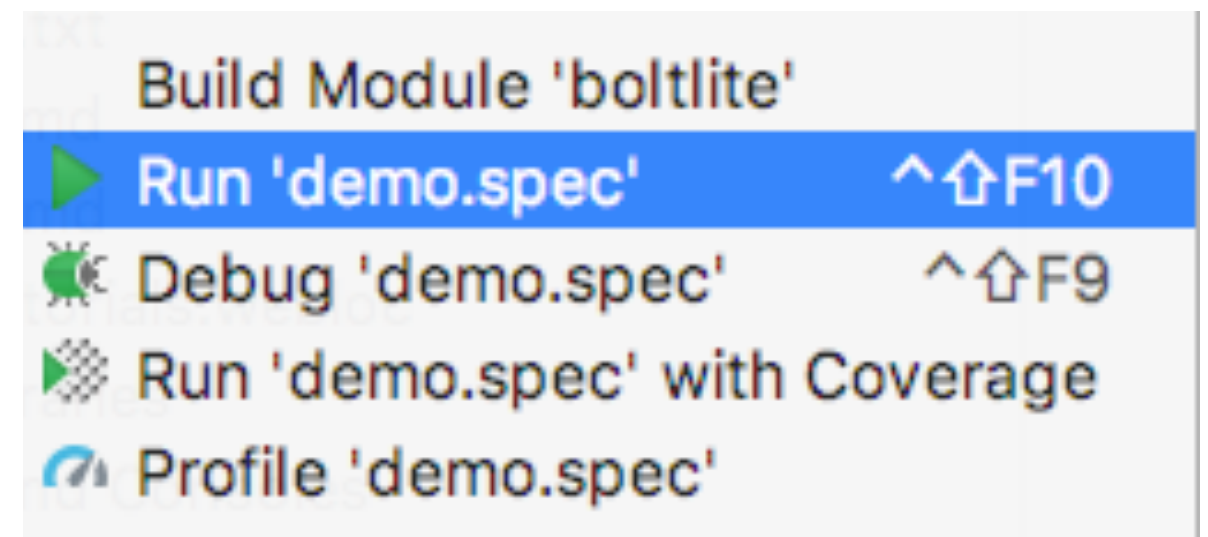
Run
Use the green play button next to the spec heading and select "Run [your file name].spec'"

```
      Build Module 'boltlite'
 ▶  Run 'demo.spec'              ^⇧F10
 🐛  Debug 'demo.spec'            ^⇧F9
 ▓  Run 'demo.spec' with Coverage
 🕐  Profile 'demo.spec'
```

Automate
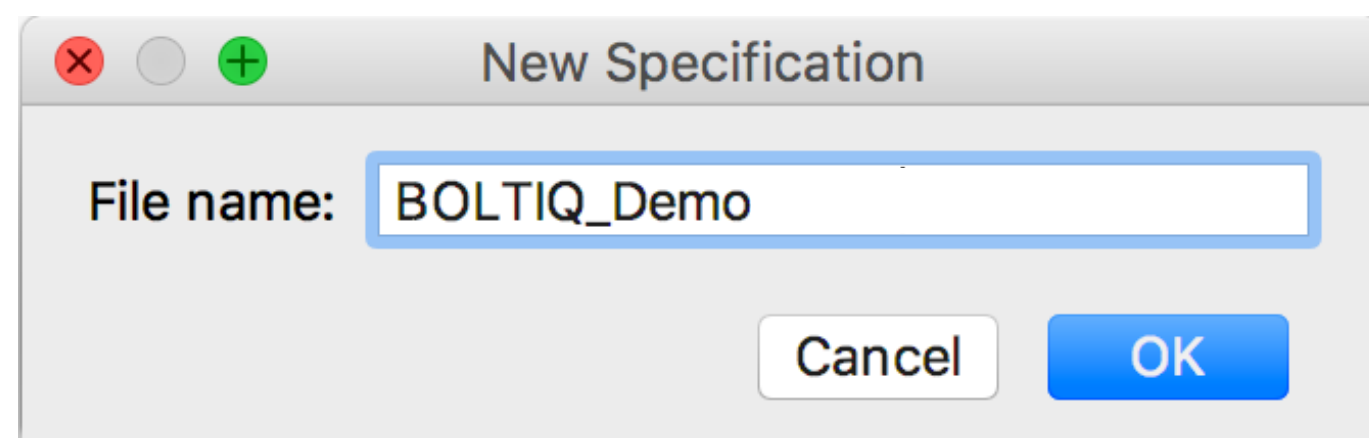Watch **BOLT** initialize, open Chrome, navigate to the URL and run your tests.

Writing a Test (From Scratch)

Create a Spec (A group of tests)

Create a new spec within the "specs/demo/" folder by right clicking the demo folder and selecting "New > Specification" and name the file. This creates a base spec to start working with.

Give it a Title

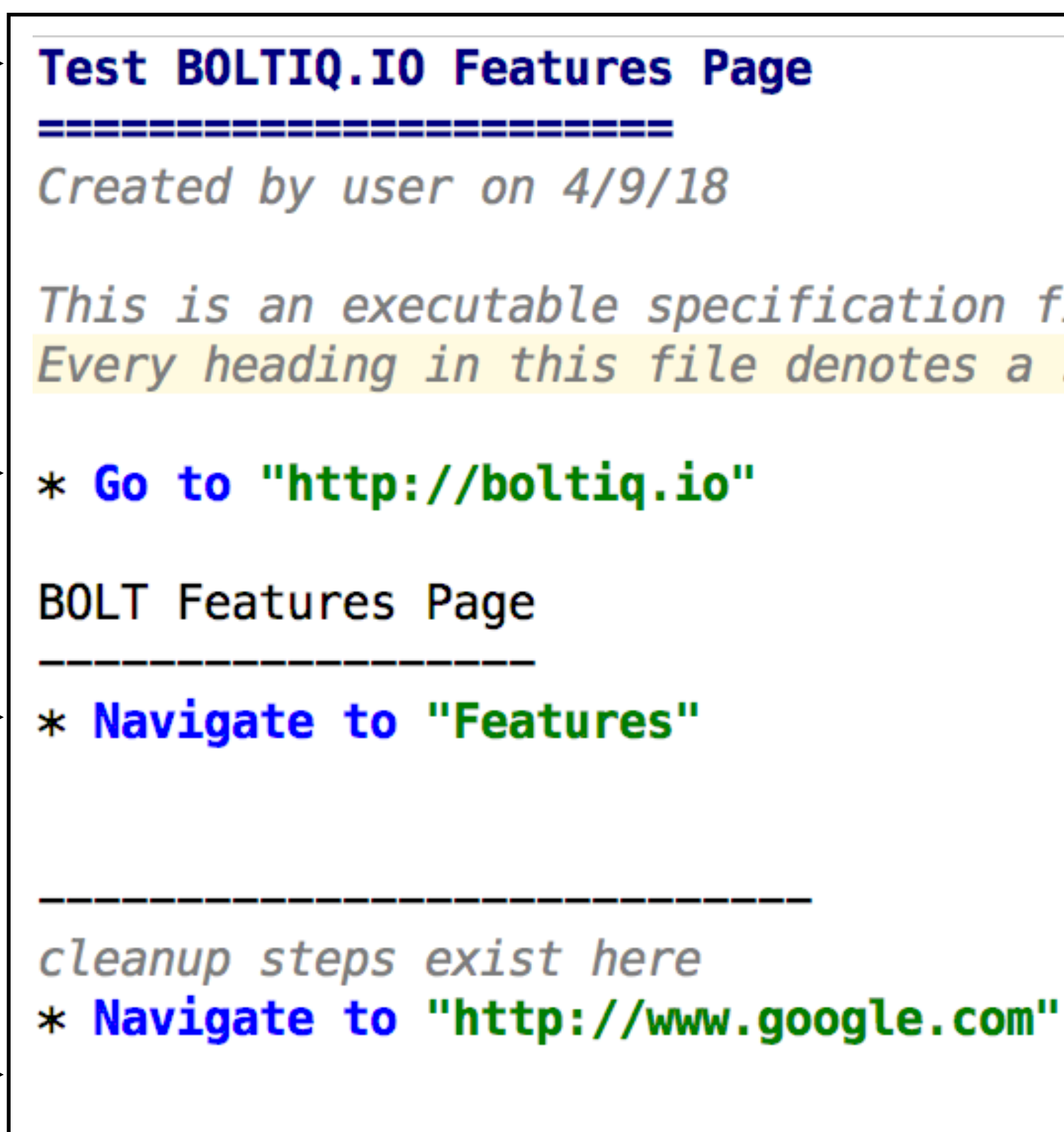Change the Specification Heading to "**BOLTIQ_Demo**".

New Specification

File name: BOLTIQ_Demo

Cancel   OK

Give it a Spec Title

Test BOLTIQ.IO Features Page
=========================
Created by user on 4/9/18

This is an executable specification f
Every heading in this file denotes a

Give it a URL

Add a line before "Scenario Heading" that looks like "*** Go to www.boltiq.io**"

* Go to **"http://boltiq.io"**

BOLT Features Page

Write Test Step

Under the Scenario Heading line, add a new line "*** Navigate to "Features"**"

* Navigate to **"Features"**

_____

Write Cleanup Action

Write any cleanup actions (executed only once at end of execution).

cleanup steps exist here
* Navigate to **"http://www.google.com"**

Run

Use the green play button next to the spec heading and select "Run 'BOLTIQ_Demo_Spec.spec'"

Build Module 'boltlite'
▶ Run 'demo.spec'   ^⇧F10
🐞 Debug 'demo.spec'   ^⇧F9
▨ Run 'demo.spec' with Coverage
🕐 Profile 'demo.spec'
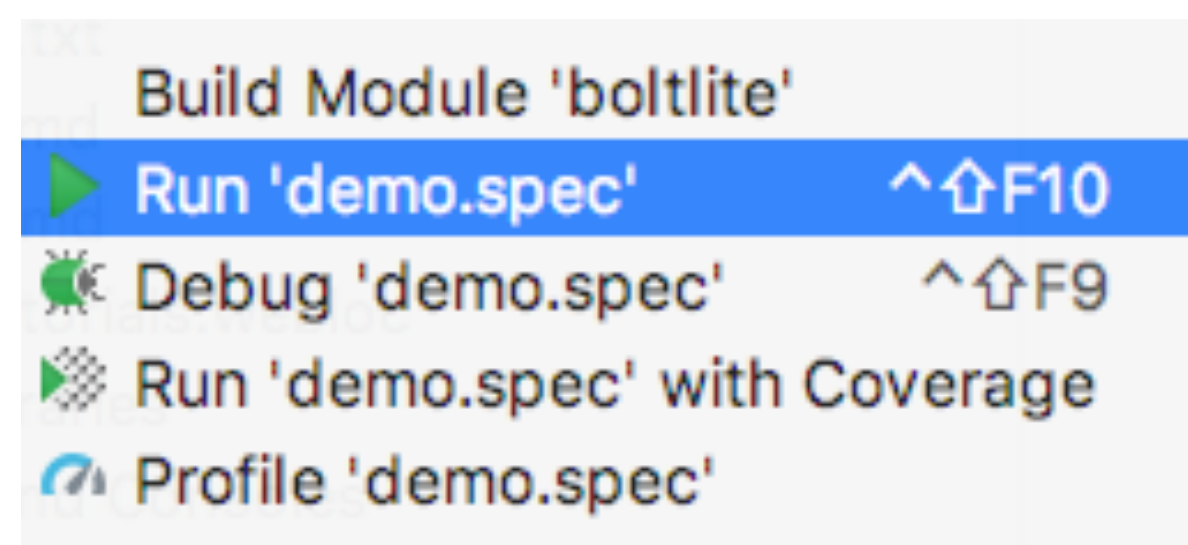
Automate

Watch **BOLT** initialize, open Chrome, navigate to the AUT (which is boltiq.io), and navigate to the Features tab.

More Ways

To Getting Going
with **BOLT**™ Lite

Watch Videos

Click on the videos link to open
the **BOLT** Video Library at

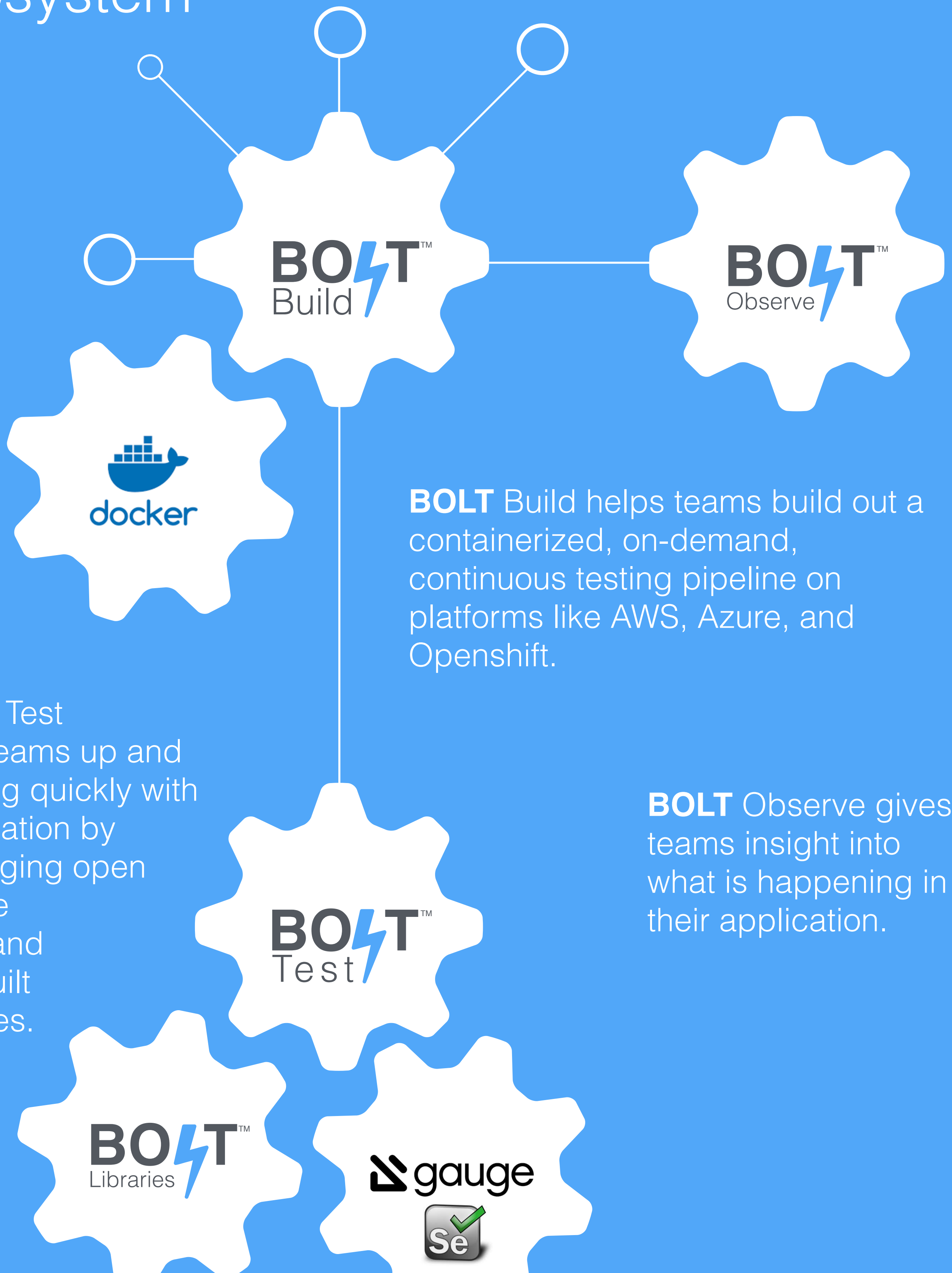boltiq.zendesk.com

Connect

Connect with us on
Gitter/BOLT IQ

or reach out to us at
bolt@swatsolutions.com

What Else Can BOLT™ Do?

BOLT Testing Ecosystem

BOLT is an automation platform that helps teams move faster, with more quality by creating a continuous testing pipeline for application development.

BOLT Build

BOLT Observe

docker

BOLT Build helps teams build out a containerized, on-demand, continuous testing pipeline on platforms like AWS, Azure, and Openshift.

BOLT Test
gets teams up and running quickly with automation by leveraging open source tools and pre-built libraries.

BOLT Observe gives teams insight into what is happening in their application.

BOLT Test

BOLT Libraries

gauge

Se

Integrated

Today's software is integrated and accessible. **BOLT**™ is built with integrations as a key element of a powerful and scalable platform.

BOLT Lite	BOLT Test
Gauge + Selenium	Customizable
Single Thread Testing	Multi-Thread Testing
Pre-built Library (limited)	Pre-Built Libraries
API Testing	Cloud Testing
Local Testing	API Integration
	Performance
	Reporting
	Mobile Testing
	Headless Testing
	Parallel Testing
FREE	Upgrade to **BOLT** Test

Support

Self-serve or drop us a line. We love talking about this stuff.

Read Me File
https://github.com/bolt-iq/boltlite/blob/master/README.md

Help Center
https://boltiq.zendesk.com/hc/en-us

Gitter
https://boltiq.zendesk.com/hc/en-us

Github
https://boltiq.zendesk.com/hc/en-us

Twitter
https://twitter.com/boltiq_io

Website
https://www.boltiq.io

Phone
952-500-6000

*"The first time I set up **BOLT** for a client, I was amazed how quickly the setup process was. Within only a couple days, tests were able to be built that moved through the system using dynamic waits."*

Like a Demo?

Connect at

bolt@swatsolutions.com

952-500-6000

Ready for **BOLT** Test?

Connect for **BOLT** pricing at

bolt@swatsolutions.com

952-500-6000