

Lab 7: Interacting with Applications

In this lab, we will cover the following topics:

- Automating web applications
- Simulating keystrokes

Technical requirements

In order to install the Automation Anywhere Bot agent, the following is required:

- Google Chrome
- Completed registration with Automation Anywhere Community Edition
- Successful login to Automation Anywhere Community Edition
- Successful registration of a local device
- The successful downloading of sample data from GitHub

Automating web applications

In this walk-through, we will be performing the following tasks:

1. Launching the <https://google.com> website
2. Enter text in Google search bar.
3. Clicking the **Enter** button

Let's start this walk-through by executing the following steps:

1. Log in to the **Control Room**.
2. Create a new bot and call it `Lab 7 - Web Apps` in the `\Bot\` folder.
3. As always, we begin by adding some comments to use as a template for our bot, add a new **Comment** action on line **1**, set the value to `"-----"`, and click on **Save**.
4. Add a new **Comment** action as `"Open"` on line **2** and click on **Save**.
5. Add a new **Comment** action as `"Search Automation Anywhere Demo"` on line **3** and click on **Save**.
6. Add a new **Comment** action as `"Enter Send"` on line **4** and click on **Save**.
8. Add a new **Comment** action as `"-----"` on line **6** and click on **Save**.
9. We can now start to add some functionality. The first thing we want the bot to do is launch the browser and go to our web page. From the **Browser** package, drag the **Open** action under line **2**.
10. Set the following properties for the **Browser: Open** action on line **3**:
 - **URL:** `https://google.com`
 - **Browser:** **Google Chrome**

The **Browser: Open** action properties should look like this:

Browser: Open

This command can be used to open website in browser

Required bot agent version: 21.210 or above

What to open

Existing tab

New tab

New window

New window in selected browser

Browser

Google Chrome

Link to open

🔗 https://google.com

e.g. http://...

Time out after (seconds) (optional)

240

Recommended min = 9 seconds

1. Click on **Save**.
2. Open `https://google.com` in google chrome.
3. From the **Recorder** package, drag the **Capture** action.

Actions

recorder

> Process Discovery

✓ Recorder

📹 Capture



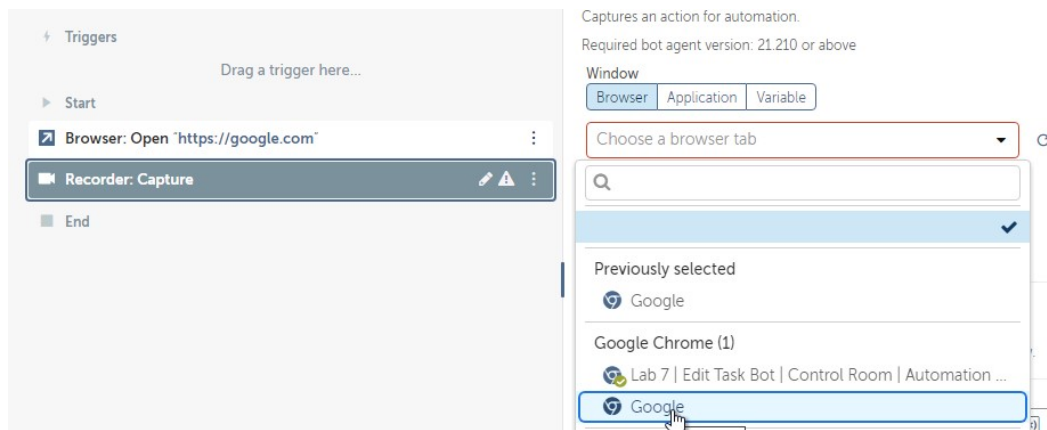
⚡ Triggers

Drag a trigger here

▶ Start

Captures an action for automation.
Required bot agent version: 21.210 or above

4. Firstly, we need to tell the bot where to look for the object. Set the **Object detail** property to **Browser**, and then click the refresh icon, as shown in the following screenshot:



6. To capture the search bar, click on **Capture object**.

Recorder: Capture

Captures an action for automation.

Required bot agent version: 21.210 or above

⚠ Window

Browser Application Variable

Google

Browser title

String Regex

Google

Use * as a wildcard

☒ Case sensitive

Link of web page

https://www.google.com/

Browser application

Google Chrome

☐ Resize window

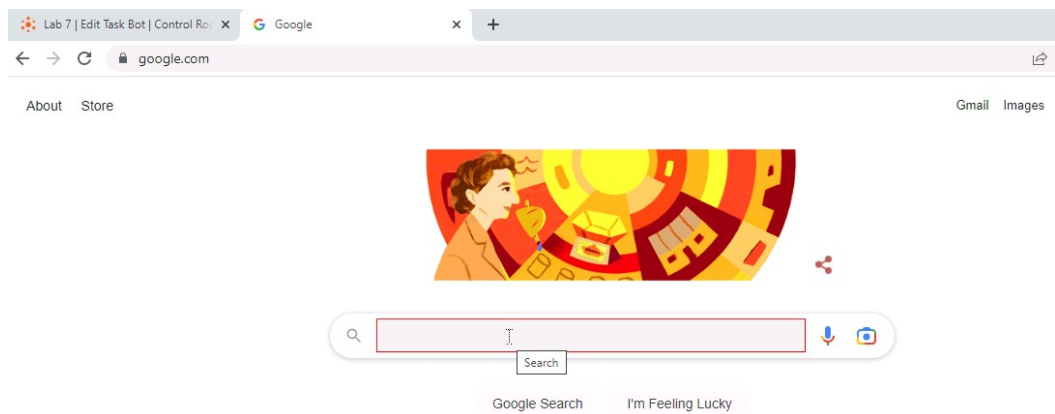
May improve bot accuracy

Main Anchor

Capture object

⚠ Click "Capture object" to choose an object from the window.

7. The web page should appear. Hover your mouse on the web page, and Automation Anywhere will look for all the objects on the page. It highlights what it has found with a red border. Move your mouse until you get the red border around the **Search Bar**. The capture screen should look like this:



8. Once the correct object has been identified with the red border, click to select it. Once clicked, the bot will capture all the attributes it needs.

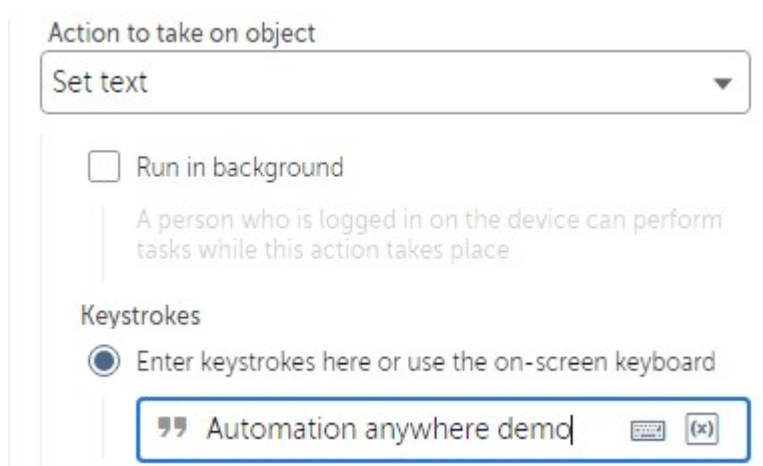
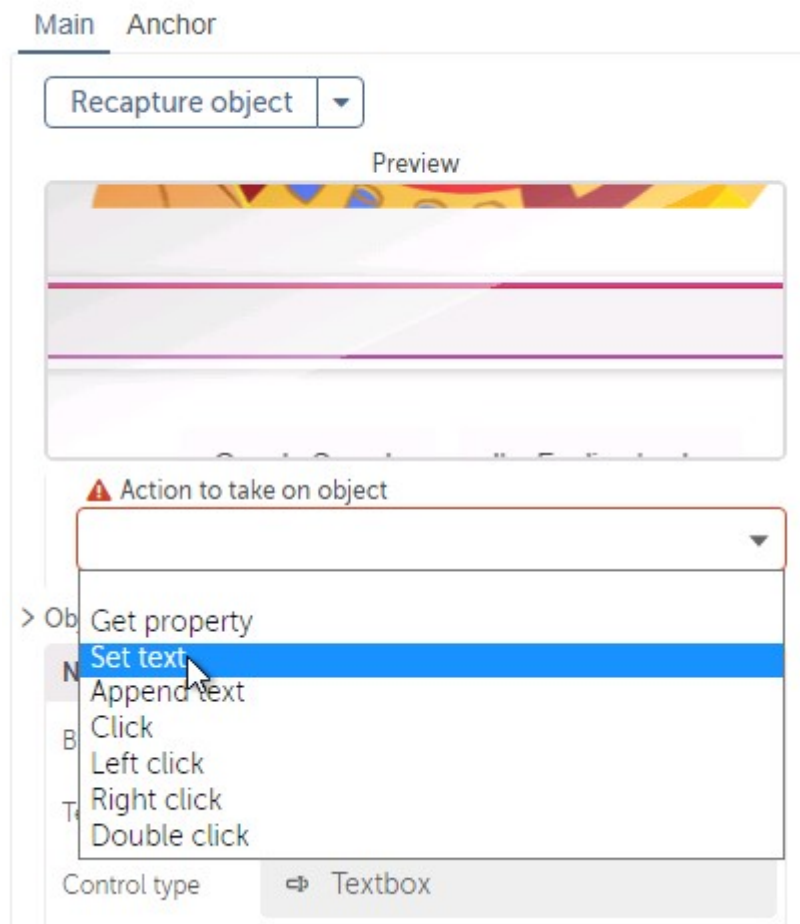
9. This time we want to populate the textbox. Set the following properties for the **Recorder: Capture** action:

Action: Set text

Keystrokes: Enter keystrokes here or use the on-screen keyboard

Value: *Automation Anywhere demo*

The properties should look like the following screenshot:



10. Click on **Save**.

11. From the **Simulate keystrokes** package, drag the **Simulate keystrokes** action.

Actions

- > Legacy automation
- ✓ Simulate keystrokes
 - Simulate keystrokes
- > Utils

12. Firstly, we need to tell the bot where to look for the object. Set the **Object detail** property to **Browser**, and then click the refresh icon, as shown in the following screenshot:

Simulate keystrokes

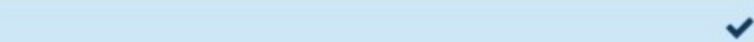
Inserts keystrokes into a selected window

Required bot agent version: 21.200 or above

⚠ Select window

Browser Application Variable

Choose a browser tab



Previously selected

Google

Google Chrome (1)

Lab 7 | Edit Task Bot | Control Room | Automation ...

Google

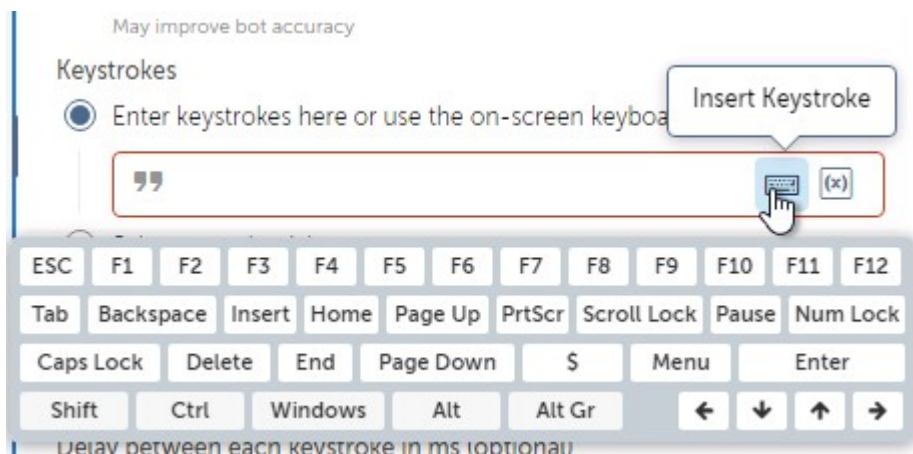
Google

Internet Explorer (2)

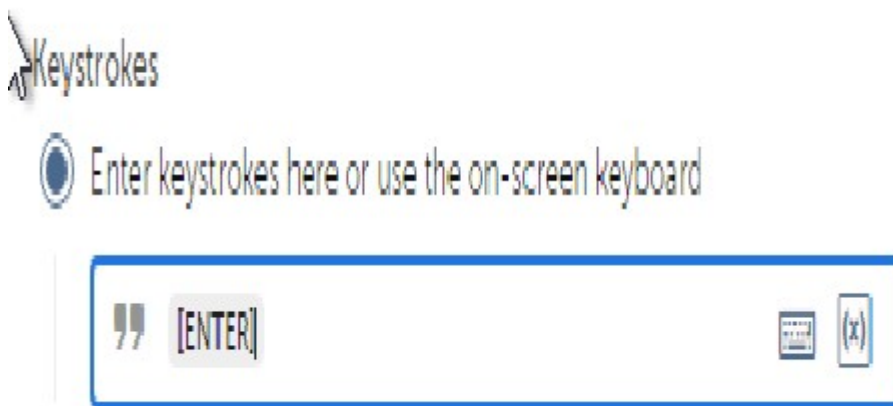
Internet Explorer Enhanced Security Configuration ...

A value greater than 2 is recommended.

13. Click `Insert keystroke` and select **Enter**:



14. Click on **Save**.



15. Run the bot. You will get following output:

Automation anywhere demo - Google Search

Automation anywhere demo

About 10,200,000 results (0.46 seconds)

Ad · <https://go.automationanywhere.com/>

Automation Anywhere Demo - Automation Anywhere, Inc.

Contact us & see why world's top leading companies trust **Automation Anywhere** RPA platform.

Automation 360 Demo

Get a demo from one of our experts See how you can automate

RPA Maturity Assessment

Where are you in your RPA journey? Assess what stage you are in

What is RPA?

RPA is an automation tool used to execute business processes

Automation Case Studies

100s of business case studies see how our customers automate

Ad · <https://discover.workato.com/ipaas>

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