

Module 4: User Events, Recorder and Scraping

Demo 1 – Solution

edureka!

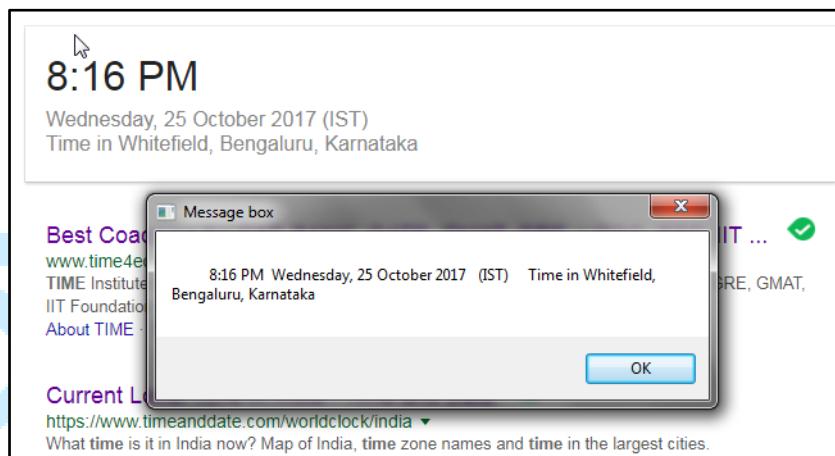
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Demo 1

- Create an automation to display the “time” by searching “**current time**” in google.

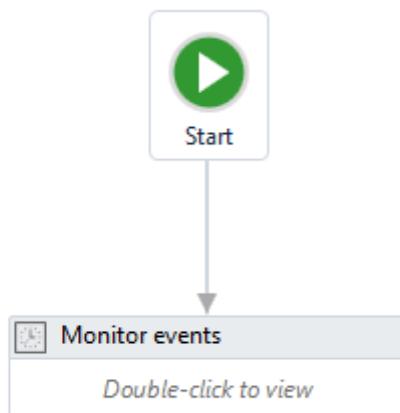
Display the copied message in a message box. This automation should be triggered by keyboard:

1. The Trigger will be user defined (For ex. Alt + K)
2. You have to use selectors to identify the "<div>" tag on google search page which shows time



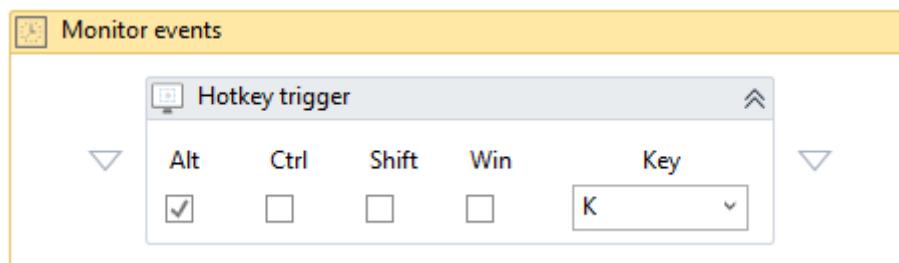
Demo 1 – Solution

- **Step 1:** Create a blank project and, on the Design tab, in the File group, select New → Flowchart. The New Flowchart Diagram window is displayed. Give a name to the **Flowchart**
- **Step 2:** After the Flowchart is created. Add a **Monitor Events** activity and connect it to the Start:

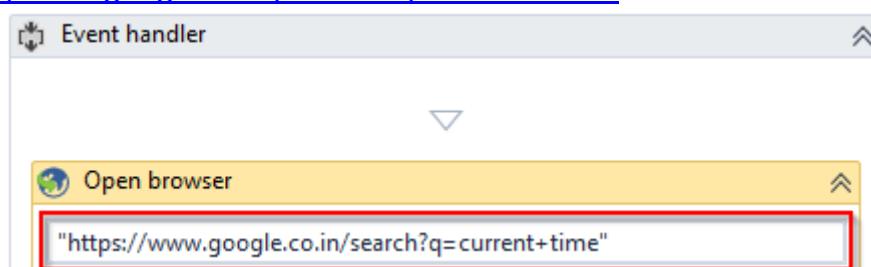


- **Step 3:** Double Click on the Monitor Event Activity

1. Add **Hotkey Trigger** activity and set any hotkey trigger of your choice. We have set “Alt+K”



- **Step 4:** In the Event Handler container, add **Open Browser** activity and set <https://www.google.co.in/search?q=current+time> in the URL.



1. In the **Do** field, add **Get Full Text** activity and select the Time Div of the Google Result page by navigating to the given URL.

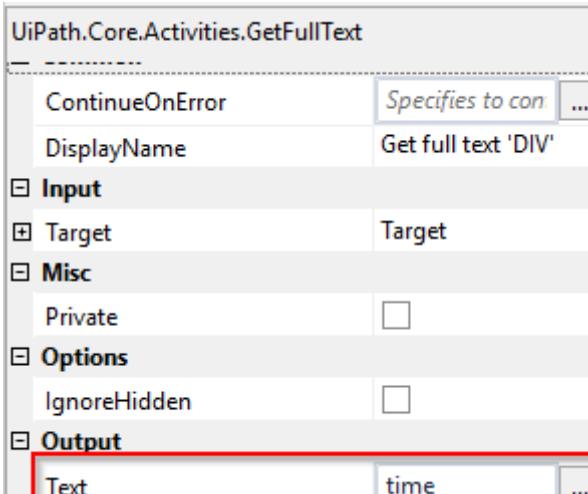
A screenshot of a web browser window. At the top, there is a search bar with the text "current time". Below the search bar are navigation links: All, News, Maps, Books, Images, More, Settings, and Tools. A message below the search bar says "About 2,81,00,00,000 results (0.37 seconds)". The main content area displays the search results for "current time". A red box highlights the first result, which shows the text "6:16 PM" and "Thursday, 16 November 2017 (IST) Time in Palm Meadows, Whitefield, Bengaluru, Karnataka".

2. Your input will get recorded, you can see the screenshot on your tool

A screenshot of a robotic process automation tool interface. At the top, there is a browser window titled "Open browser" with the URL "https://www.google.co.in/search?q=current+time". Below it is a "Do" step window. Inside the "Do" step window, there is a "Get full text 'DIV'" activity. A red box highlights the output of this activity, which shows the text "6:18 PM" and "Monday, 13 November 2017 (IST) Time in Damboridihalli, Whitefield, Bengaluru".

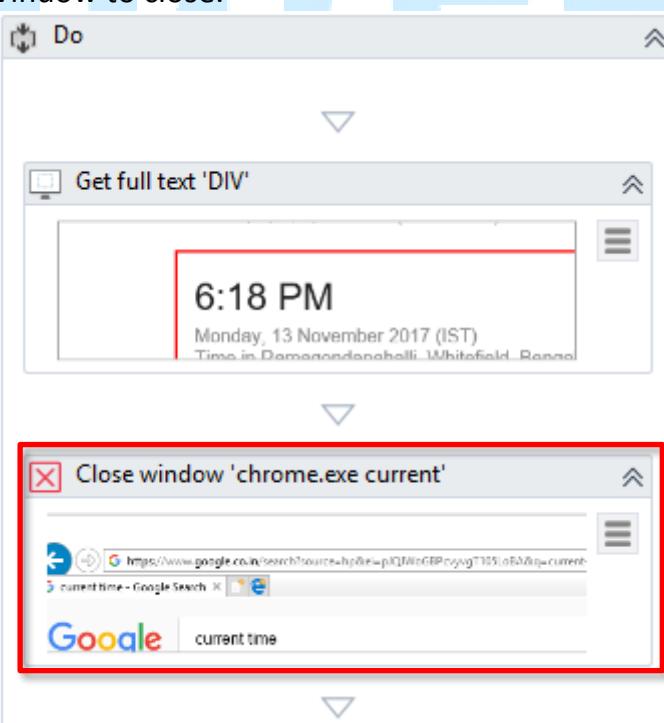
3. Create a variable **time** of type GenericValue add it in the Output field of Get Full Text Activity.

Name	Variable type	Scope	Default
time	GenericValue	Do	Enter a VB expression



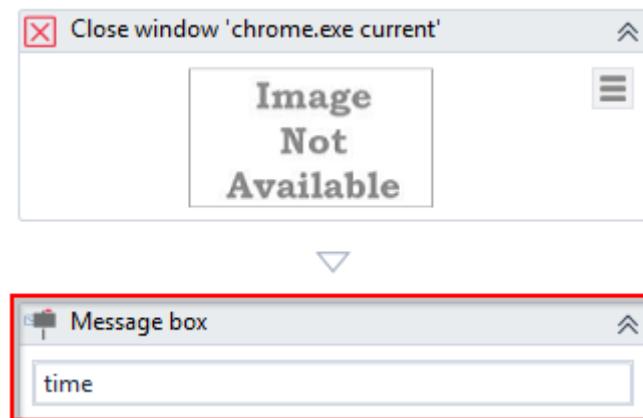
The screenshot shows the 'UiPath.Core.Activities.GetFullText' configuration window. The 'Output' section is highlighted with a red box, showing 'Text' mapped to the variable 'time'.

- Step 5: Add a **Close Window** activity under the Get Full Text Activity and select the Browser Window to close.



The screenshot shows a UiPath workflow. It starts with a 'Get full text 'DIV'' activity, which outputs the current time and date. This is followed by a 'Close window 'chrome.exe current'' activity, which is highlighted with a red box.

- Step 6: Add **Message Box** under Close Window activity and set **time** variable:



- Step 7: After the successful run, a Message Box with current date and time will appear

