

Lab 1: Creating a Basic Process

This tutorial teaches you how to create a basic process in Studio in 10 minutes and run it on your machine. The example opens a browser, loads a certain web page, scrapes information, and writes it to the **Output** panel, and in a Notepad file.

Lab Solutions

Lab solution(s) are present in `Solution\Lab01` folder.

Projects

The main types of project supported by UiPath Studio are as follows:

New Project



Process

Start with a blank project to design a new automation process.



Library

Create reusable components and publish them together as a library. Libraries can be added as dependencies to automation processes.



Test Automation

Start with a blank project to create a new test project



Template

Create a template that you can use to build automations that have a set of predefined common characteristics.

New from Template



Background Process

Create a process that starts in the Background and can run concurrently with other processes for as long as it doesn't use UI interaction.



Mobile Testing Project

Create a project for your mobile app automated test cases



Orchestration Process

Implement a process through service orchestration and human intervention as well as through long-running transactions.



Robotic Enterprise Framework

Create a transactional business process that follows best practices for large scale deployments.



Transactional Process

Model a process as a flowchart diagram.



Trigger Based Attended Automation

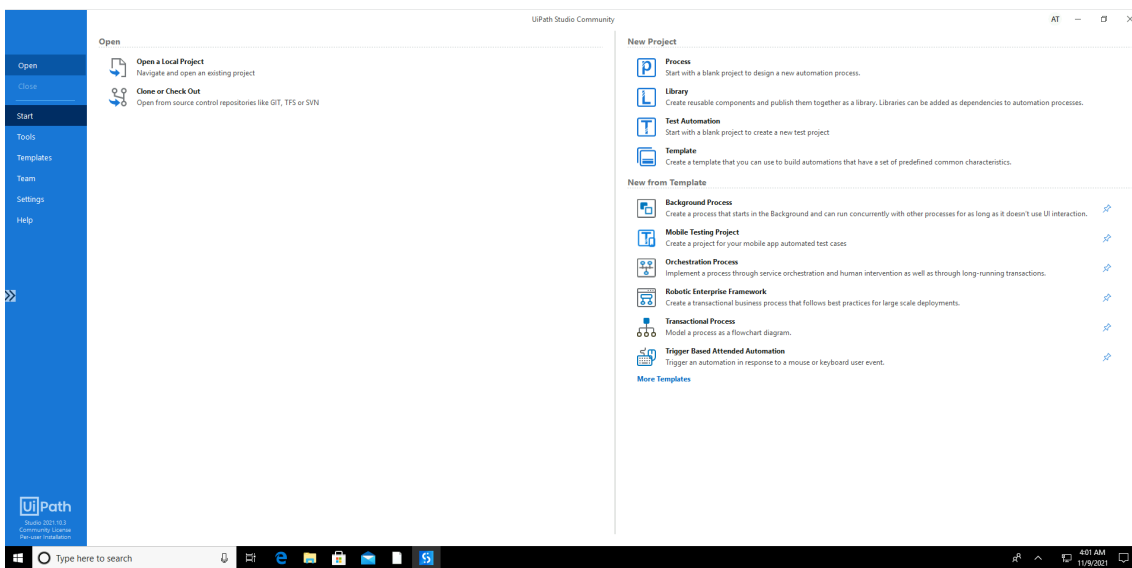
Trigger an automation in response to a mouse or keyboard user event.



[More Templates](#)

The user interface

When you first open UiPath Studio, you are directed to the page shown in the following screenshot:



Let's begin.

1. In the HOME Backstage view, click **Process** to create a new project. The **New Blank Process** window is displayed.

New Blank Process

Start with a blank project to design a new automation process.

Name:

Location:

Description:

Compatibility:

Language: ☒ VB ☐ C#

Create

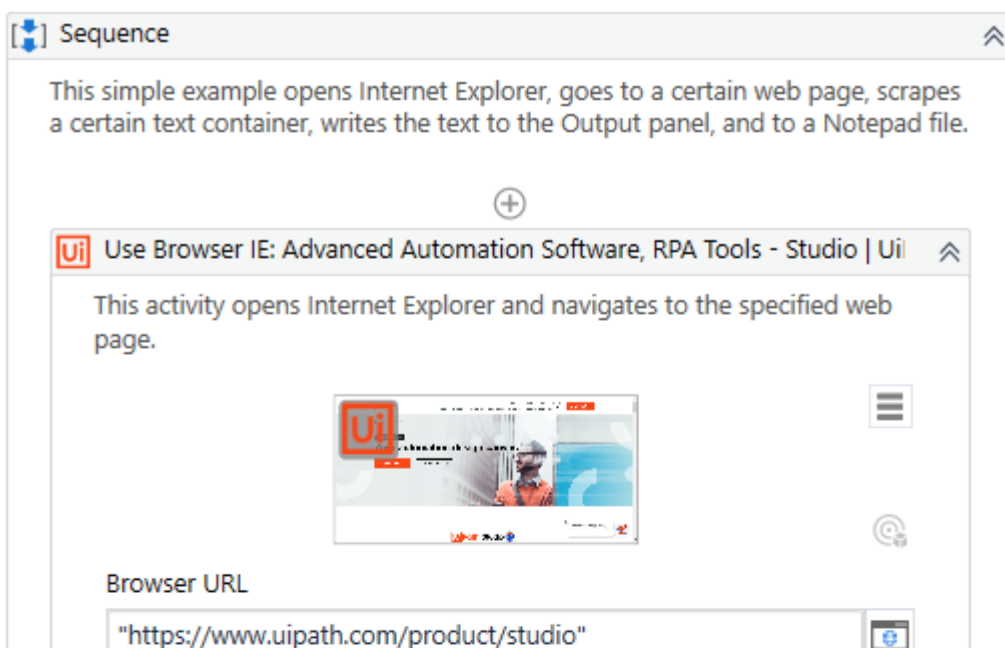
2. In the New Blank Process window:

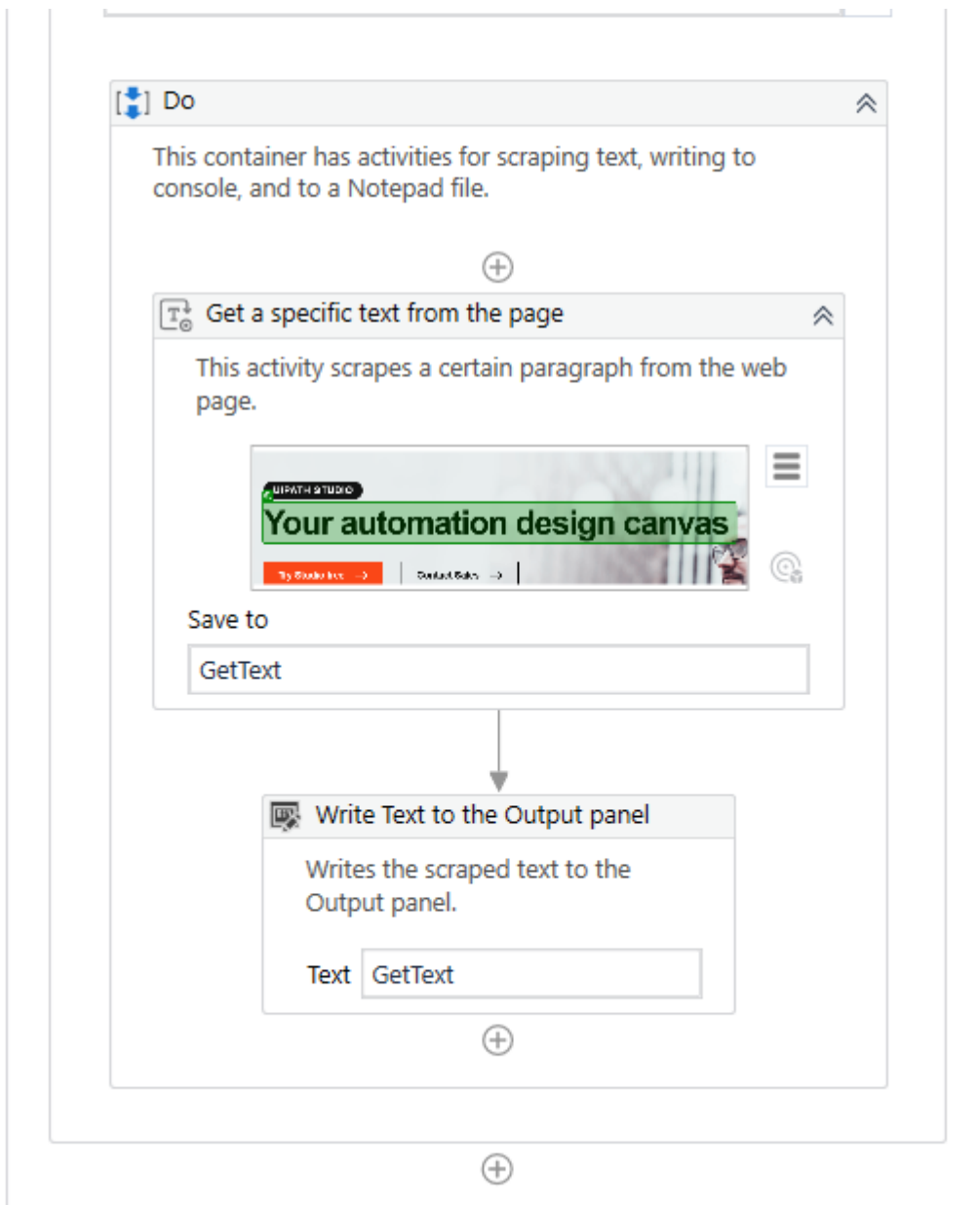
- Enter a name for the new project and a description that summaries what you are aiming to do with this automation project.
Note: The project name cannot exceed 128 characters, and the description cannot exceed 500 characters.
- Select the location where to create the project.

- Select **Windows - Legacy** for the **Compatibility** option and **VB** for **Language**.
3. Click **Create**. The new project is opened in Studio.
 4. Open Internet Explorer and navigate to <https://www.uipath.com/product/studio>. You can use any supported browser, but make sure the required [UiPath extension](#) is installed.
 5. In the **Activities** panel, search for [Use Application/Browser](#) and drag it to the **Designer** panel. Notice that the activity is automatically added inside a **Sequence**.
 6. In Use Application/Browser, click **Indicate application to automate**, and then move the mouse pointer to the browser page you just opened. When the window is highlighted, click anywhere in the browser page. The Use Application/Browser activity is updated, the URL is added to the **Browser URL** field, and a screenshot of the window appears inside the activity.
 7. From the **Activities** panel, add a [Get Text](#) activity to the **Do** container of the **Use Application/Browser** activity. Click **Indicate in IE**, and click on the text that you want to scrape from the previously loaded web page.
 8. In the [Variables](#) panel, create a new string variable called GetText, and set its scope to Sequence. The purpose of this variable is to store the scraped information.

Name	Variable type	Scope	Default
GetText	String	Sequence	<i>Enter a VB expression</i>
<i>Create Variable</i>			
<div> <div>Variables</div> <div>Arguments</div> <div>Imports</div> </div> <div> 100% </div>			

9. In the **Get Text** activity, insert the GetText variable in the **Save to** field.
10. From the **Activities** panel, drag a **[Write Line]** activity. In the input text field, add the previously created variable. This activity writes the scraped data to the **Output** panel.

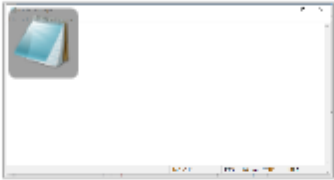




11. Add another **Use Application/Browser** activity to the project. Open a Notepad instance, click **Indicate application to automate**, and then move the mouse pointer to the Notepad window you just opened. When the window is highlighted, click anywhere inside it.
The Use Application/Browser activity is updated, the path is added to the **Application path** field, and a screenshot of the window appears inside the activity.
12. Add a **[Type Into]** activity in the **Use Application/Browser** activity's **Do** container. Click **Indicate in App** to select the Notepad window, and add the GetText variable to the **Type this** field. This activity writes the scraped text to a Notepad window.

Use Application: Untitled - Notepad

Opens a new blank Notepad file.



Application path

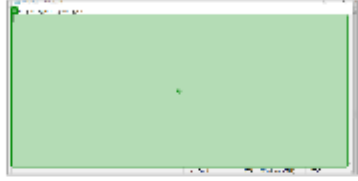
Application arguments

☐ Match exact title: *Untitled - Notepad*

Do

Type Into 'editable text'

Types the scraped text in the Notepad file.



Type this

☒ Standard ☐ Secure

Empty field before typing

Click before typing

13. In the ribbon, click **Run File** or use the **Ctrl + F6** shortcut to execute the project.

When the execution is completed, notice that the scraped text is written to the [**Output**] panel, and in the Notepad file.