NestedFlow Automation Case Study 2: Web Browser File Upload

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Table Of Contents

Introduction 1

STEP 1: Open Website And Click On The Button 2

STEP 2: Manipulate File Upload Window using Windows Automation 5

STEP 3: Upload and Close Browser (Web UI Automation) 9

Final Flow 10

# Introduction

In this case study, we will examine the website file upload use case. NestedFlow Automation tool supports both web and windows UI automation. Hence this should be easily possible. For this case study, we will take website: <https://the-internet.herokuapp.com/upload>

# STEP 1: Open Website And Click On The Button

Use WebLaunch component and enter the website and browser

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The Website will be opened

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Then **Choose File** button on the page will be opened.

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We will take the Xpath from the inspect tool and use custom web object

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Consideration 1: Use Action **Click**

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This action will throw error 🡪 Invalid argument in this case

Double click will work but it will open the dialog twice

So, the best option is to use click by offset and use 0,0 as reference points

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When executed it will open file upload dialog

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From now on we will use Windows UI automation

# STEP 2: Manipulate File Upload Window using Windows Automation

Use Windows root to get reference of desktop

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Capture Browser window

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Choose action as Focus.

Next Choose Upload file dialog

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Choose action As Focus

(Note: Choose **Set Current Item** = Y for the dialog)

Next select file name edit box and Open button on the dialog

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(**Set Current Item** = N for both these items as next items are not searched from their reference)

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(Choose action Enter Text and Value as file path)

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(Choose action Click)

# STEP 3: Upload and Close Browser (Web UI Automation)

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Action 🡪 Click

Finally Use Close browser component

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# Final Flow

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The file is stored in the **sample scripts** section

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Link: [NestedFlowRepo/sample scripts/FileUploadGithub.xml at main · nestedflow-Automation/NestedFlowRepo](https://github.com/nestedflow-Automation/NestedFlowRepo/blob/main/sample%20scripts/FileUploadGithub.xml)