Faysal Aziz

Introduction to Taskt RPA Training

1-day training outline

FA-0262 · 1-day

Automation, RPA & Power Platform

Introduction

In today's rapidly evolving digital landscape, automation has become a cornerstone of efficiency and productivity. Robotic Process Automation (RPA) is transforming how businesses operate by automating mundane, repetitive tasks, freeing up human workers to focus on more strategic activities.

Taskt RPA, an open-source automation tool, empowers users to automate workflows easily, without requiring extensive coding knowledge. This course will guide you through the advanced capabilities of Taskt RPA, enabling you to streamline operations and achieve significant efficiency gains in your organization.

taskt (formerly sharpRPA) is the first truly free, easy to use, and open-source process automation client built on the .NET Framework in C#. taskt allows you to build and design process automation without needing to write application code.

Learning outcomes

By the end of this training, participants will be able to:

- Understand the core functionalities and architecture of Taskt RPA.
- Design and implement automated workflows using Taskt's visual designer.
- Utilize Taskt's built-in commands for web and desktop automation.
- Integrate Taskt with existing systems and scripts for enhanced automation.
- Troubleshoot and optimize automation scripts for better performance.

Prerequisites

To make the most of this training, participants should have:

- Basic understanding of process automation concepts.
- Familiarity with Windows operating system.
- Basic knowledge of scripting or programming is beneficial but not required.

Training outline

1. Introduction to Taskt RPA

Overview of Robotic Process Automation (RPA)

1. Importance and benefits of RPA in modern businesses
2. Comparison of Taskt with other RPA tools

Introduction to Taskt

1. History and development of Taskt
2. Key features and capabilities

2. Setting Up Taskt

Installation and configuration

1. System requirements
2. Step-by-step installation guide
3. Initial configuration and setup

User interface overview

1. Navigating the Taskt interface
2. Key components and their functions

3. Creating Your First Automation Script

Understanding automation scripts

1. What is an automation script?
2. Basic structure of a Taskt script

Using the visual designer

1. Introduction to the drag-and-drop interface
2. Creating a simple automation task

Running and testing scripts

1. Executing scripts within Taskt
2. Debugging and troubleshooting common issues

4. Advanced Automation Techniques

Working with web automation

1. Automating web interactions using Taskt
2. Handling form inputs, clicks, and navigation

Desktop automation

1. Automating desktop applications
2. Using screen and element recorders

Data manipulation and processing

1. Reading and writing to Excel
2. Performing data transformations

5. Integrating Taskt with Other Tools

Scripting with Taskt

1. Using VBScript and PowerShell within Taskt
2. Creating and running custom scripts

Working with external DLLs and services

1. Integrating .NET DLLs
2. Using web services and APIs

By the end of this training, participants will have a solid understanding of how to leverage Taskt RPA to automate a wide range of tasks, from simple data entry to complex workflows, enhancing efficiency and productivity in their organizations.

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