



Introduction to UiPath RPA

Introduction - Agenda

 **Robotic Process Automation**

 **UiPath Overview**

 UiPath Studio, Robot, Control Center

 **Prerequisites, Installation, Activation**

 **Course resources**

 **UiPath Studio Layout**

 **Workflow**

Best Practices

Q&A

Test

Online Resources

Today's Solutions to Manual Work



Outsource

- BPO
- Shared Services



Ad hoc automation

- Scripting
- Macro

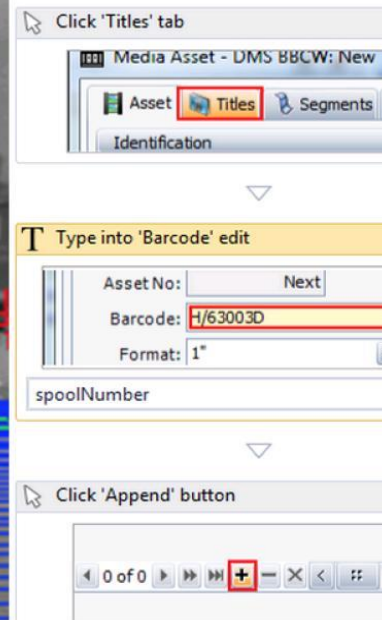


Transformation

- BPM
- App integration

Robotic Process Automation

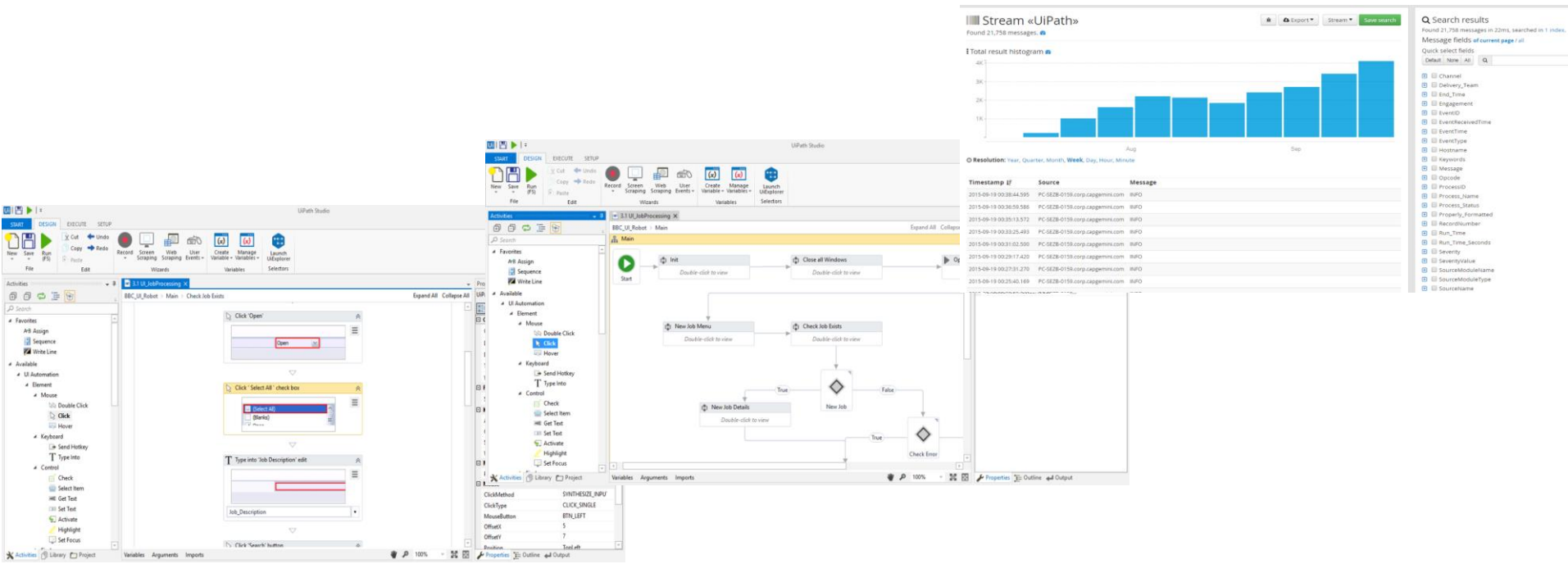
Google's
self
driving
robot



UiPath's
Robotic
Eye

No infrastructure change

UiPath Stack



UI Automation / SDK Process Designer / Studio Orchestration / Server

Resources

Prerequisites

- .NET Framework
- Win 7






Installation

- [Beta](#) vs [MSI](#)
- Trial Activation
- Production Activation

Demo App

- [Any Teller](#)

Resources

-  [Resources Home](#)
-  [Video Tutorials](#)
-  [KB](#)
-  [Support](#)
-  [Search](#)

Course Description

Introduction

Process Designer

- Control Flow
- Data Types & Variables

Desktop & Web Automation

- Recorder
- UI Automation
- Selectors

Image & Text Automation

- Image Based Automation
- Text Based Automation
- Citrix Automation Techniques

Advanced Data Manipulation

- Data Table
- Excel

App Integration Activities

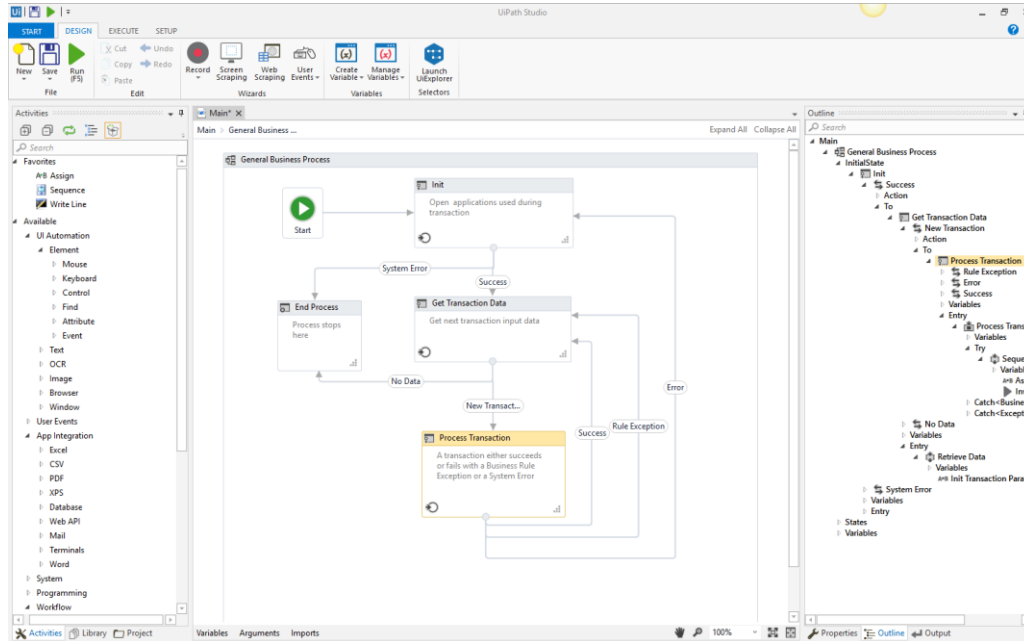
- Mail
- PDF
- Web Services
- Database

Agent Assisted Automation

Best Practices

- Project Organization
- Exception Handling

Process Designer Layout



Start Tab

Design Tab

- Project
- Designer Canvas
- Activity Toolbox
- Packages
- Properties
- Variables/Arguments
- Outline - Search
- Output (Log / Writeline)
- Library
- TFS
- Wizards

Execute Tab

Setup Tab

Workflow

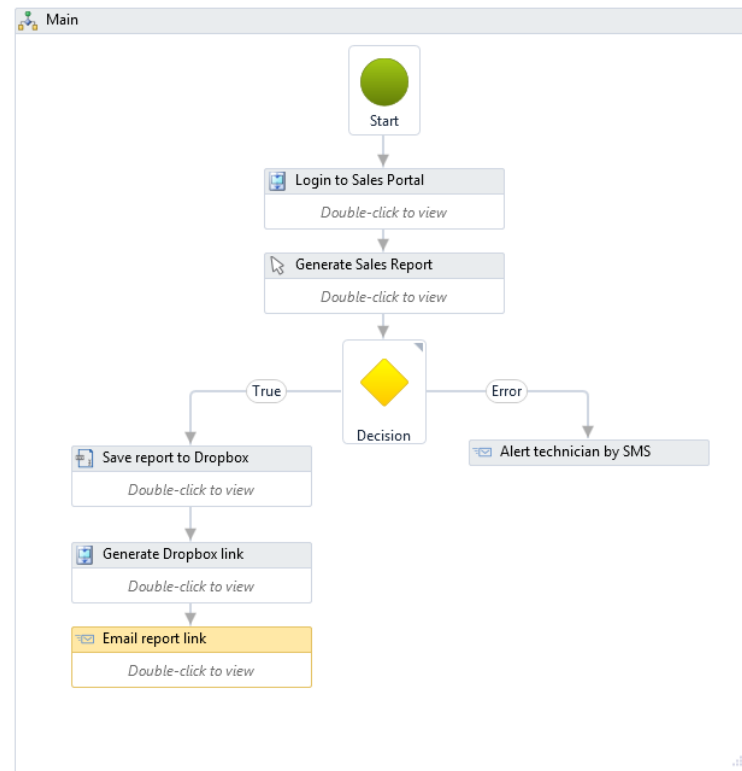
A **workflow** is a graphical representation of your business process made of series of distinct programming steps or phases.

Each step is modeled as an **activity**. Each activity implements a specific automation action like clicking a button, screen scraping a window, or reading a file.

Workflows describe the **order of execution and dependency relationships between activities**.

Workflows also have **control flow** statements, **variables** and most features found in modern programming languages.

Workflow Designer is a tool that lets you visually assemble the activities that makes up an automation workflow through drag and drop.



Assemble Your Workflow

1. Designer Ribbon

Contains major actions that you can perform on your **Workflow**, such as **Saving** or **Executing** it. This also includes all the standard buttons which give you additional functions.

- **Start**
- **Design**
- **Execute**
- **Setup**

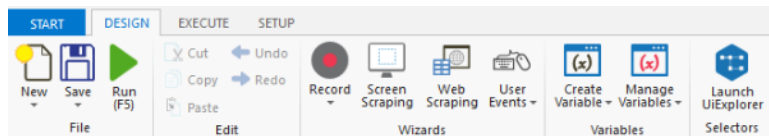
2. Activities Panel

Displays all the **Activities** that you can perform on your **Workflow**. These activities are grouped in different categories. You can also search for an activity by typing its name in the **Search** box.

- **Packages**
- **Compatibility**

3. Designer Surface

This is the place where you can visually arrange activities in a desired sequence. This is where you assemble the sequence of activities of your **custom Workflow**. You can add, delete or switch one activity with another. You can also rearrange the **Activities**.



4. Project Panel

This panel helps you organize and view related **Workflows**. It provides easy access to your current **Workflow** and to other **Workflows** from the current project.

5. Library Panel

Contain small pieces of common automation that are reusable and applicable in multiple workflows

6. Properties Panel

Properties are set of fields that can be modified to change the behaviour of a certain activity

Assemble Your Workflow

7. Outline Panel

Displays the **Workflow** hierarchy so that you can easily navigate through complex **Workflows** and identify **Activities**.

8. Output Panel

Output Panel and Logs displays information about the currently running workflow.

9. Variables, Arguments, Exports

Configure the data that drives the process and the information that is collected and stored during the workflow execution.

- [Variables](#) are for storing and passing data inside an workflow
- [Arguments](#) are for passing data between workflows
- [Expressions](#) are for manipulating data

Actions & Concepts

- create, edit projects
- add activities
 - drag & drop
 - wizards
 - library
- edit, remove activities
- add business rules
- navigate within workflow
- source control
- reuse automation
- execute and debug workflow
- log execution
- publish & deploy
- schedule automation
- explore UI tree
- install setup extensions








Q&A










Test

Online Resources

Resources

-  [Resources Home](#)
-  [Video Tutorials](#)
-  [KB](#)
-  [Support](#)
-  [Search](#)

Other

-  [UiPath Introduction](#)
-  [Understanding UiPath Interface](#)
-  [Activity Pack](#)
-  [Library](#)
-  [TFS Integration](#)
-  Setup extensions for [Chrome](#), [Firefox](#), Java and [Modi](#)
-  [Offline Activation](#)