

Regression Testing Robots with UiPath Test Suite



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Agenda

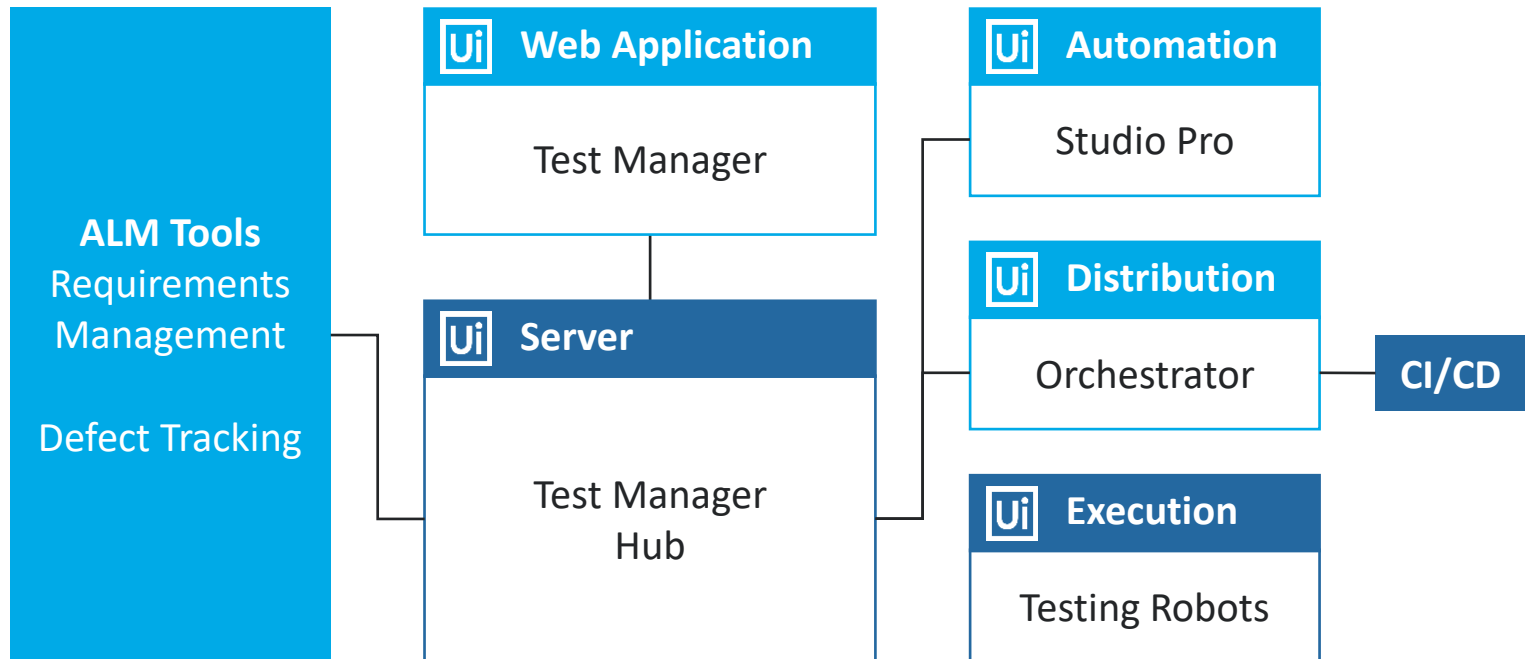
- Introduction to **UiPath Test Suite**
- Components of **UiPath Test Suite**
- Data Driven **Testing Model**
- **Continuous Integration** with **UiPath Test Suite**
- **Live Demo** - Purchase Requisition Creation(**FB50**)

UiPath Test Suite

The UiPath Test Suite is a tightly integrated bundle of tools that consolidates the testing process through integrations with your test management and ALM tools.

The UiPath Test Suite contains the following product components,

- Test Manager
- Test Manager Hub
- Studio Pro
- Orchestrator
- Robots





UiPath Test Suite Components

Test Manager

A web application hosted by Test Management Hub that allows you to manage your testing process

- Linking automated test cases in Studio Pro to manual test cases in Test Manager
- Assigning test cases to requirements
- Reporting and dashboards to get a quick overview of your test results
- Manual testing
- Creating defects directly from test results
- Add documentation to manual test cases with Task Capture

Test Manager Hub

Test Management Hub is to integrate the UiPath Test Suite with third-party ALM tools

- Assign test cases to requirements, user stories, or any other artifact
- Create bug reports in an external bug tracking systems supplemented with log information and screenshots from test executions



UiPath Test Suite Components(cont.)

UiPath Studio Pro

To create the automated tests just like you would create RPA workflows

UiPath Orchestrator

Orchestrator is capable of executing test cases from Studio Pro on testing-robots

UiPath Robot

A UiPath Robot is able to execute the tests



UiPath Test Suite - Data Driven Testing

Data Driven Testing

A scripting technique that stores test input and expected results in a table/ spread sheet, so that a single control script executes all the test cases in the table.

Data Driven Test Cases

It imports the data from excel sheet and fetch the test data from excel row one by one, it executes the test cases. Here all the data has been managed from excel with different scenarios and working on workflow here it validates if all test cases is correct or not.

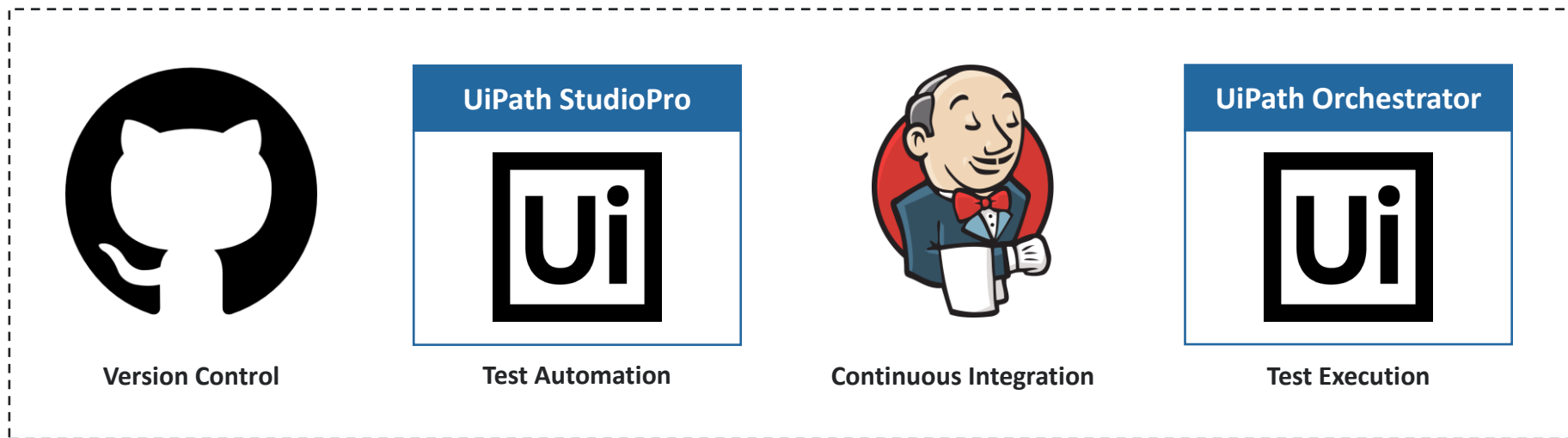
The default activities packages for this type of project are

- Uipath.system.activities
- Uipath.uiautomation.activities.
- Uipath.testing.activities.

Continuous Integration with UiPath Test Suite

Studio Pro is integrated with version controls like Git and work together with CI/CD pipeline that is Jenkins.

The following diagram visualizes all tools that come with the UiPath Test Suite and they integrate with each other,



Live Demo - Purchase Requisition Creation of FB50



UiPath Test Suite Demo

Thank you

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