



UiPath Interview Questions and Answers

Introduction

In the industry of Robotic Process Automation (RPA), UiPath is the most sought-after software company in automation. That is why we have curated these UiPath Interview Questions and Answers to give you a winning chance of getting placed in UiPath as an employee. Explore these questions further below and gain a significant advantage in your UiPath interview. Kickstart your RPA career by enrolling in our [UiPath course in Chennai](#).

List of UiPath Interview Questions for Freshers

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UiPath Interview Questions and Answers for Freshers

1. What is UiPath?

UiPath is a leading provider of Robotic Process Automation (RPA) software, enabling businesses to automate repetitive tasks using software robots. Their platform encompasses various tools like process discovery, bot development, monitoring, and analytics. Users can create automation workflows using a visual interface, without extensive programming skills.

2. What are the deployment options for UiPath?

UiPath offers deployment flexibility, allowing installation either on-premises, in the cloud, or in a hybrid setup, made to suit the choices of the organization.

3. How can you manage data manipulation in UiPath?

Data manipulation tasks in UiPath are facilitated through a range of activities, including Write Range, Read Range, Filter Data Table, and Join Data Table. These activities enable users to efficiently read, write, filter, and combine data from diverse sources.

4. Define the Manage Package in UiPath.

“Manage Packages” in UiPath refers to the feature within UiPath Studio that enables users to browse, install, update, and remove packages, which are collections of activities that extend the functionality of UiPath Studio. These packages contain reusable automation components, such as activities, workflows, and custom libraries, developed either by UiPath or third-party vendors.

5. What is UiPath Orchestrator?

UiPath Orchestrator serves as a web-based platform facilitating centralized management, monitoring, and orchestration of automation processes. It offers

functionalities for scheduling, queuing, logging, and analytics, enabling organizations to streamline automation operations and enhance performance.

6. What do selectors represent in UiPath?

Selectors in UiPath are XML-based expressions utilized to identify UI elements within applications or web pages. They empower automation activities to interact accurately and reliably with specific UI elements, even when their properties change.

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7. How are exceptions managed in UiPath?

In UiPath, exceptions can be managed using Try Catch activities. These activities enable users to define actions to be executed in response to errors or exceptions encountered during automation execution. Additionally, the Global Exception Handler can be employed to centrally manage exceptions across multiple workflows.

8. What purpose do arguments serve in UiPath?

Arguments in UiPath serve as variables facilitating the exchange of data between workflows, activities, and different segments of an automation project. They enhance project modularity, reusability, and flexibility by separating data from the logic.

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List of UiPath Interview Questions for Experienced

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6. What is REFramework in UiPath?

UiPath Technical Interview Questions and Answers for Experienced

1. What are the different components in UiPath?

The following are the different components in UiPath:

- **UiPath Studio:** Serving as the integrated development environment (IDE), UiPath Studio empowers users to design and construct automation workflows through an intuitive drag-and-drop interface.
- **UiPath Robot:** Responsible for executing automation workflows created within UiPath Studio, the UiPath Robot can operate either on the user's local machine or be deployed on virtual machines or servers to execute tasks remotely.
- **UiPath Orchestrator:** As a web-based platform, UiPath Orchestrator serves as the central hub for managing and coordinating automation processes. It provides comprehensive control and monitoring capabilities for robots, schedules, and queues, alongside access to logs and analytics for performance evaluation.
- **UiPath Assistant:** Designed as a desktop application, UiPath Assistant offers users a convenient interface to interact with and oversee automated tasks. It enables users to trigger automation processes, receive notifications, and engage with robots directly from their desktop environment.
- **UiPath Automation Hub:** Facilitating collaboration and governance of automation initiatives, UiPath Automation Hub aids teams in discovering, prioritizing, and managing automation projects and ideas. It fosters collaboration and standardization within organizations.
- **UiPath Insights:** Serving as an analytics platform, UiPath Insights furnishes actionable insights into automation performance and return on investment (ROI).
- **UiPath AI Fabric:** UiPath AI Fabric empowers users to leverage AI models for augmenting automation processes and making more informed decisions.

2. Differentiate between attended and unattended robots in UiPath.

Aspect	Attended Robot	Unattended Robot
Utilization	Attended robots are designed to collaborate with human staff, aiding them in their duties.	Unattended robots operate independently without requiring human intervention. They can carry out tasks autonomously, often in scenarios involving batch processing or scheduling.
Interaction	They typically necessitate human involvement or oversight during operation and might engage directly with users via interfaces.	Unattended robots operate without human supervision, by running in the background without user interaction.
Deployment	Attended robots are installed on the user's local machine and execute automation tasks within the user's session.	Unattended robots are typically deployed on servers or virtual machines and can execute tasks without user login or while operating as a service.
Illustration	For instance, a customer service representative might utilize an attended robot to automate routine tasks while assisting customers.	An unattended robot might be deployed to execute overnight data processing tasks, such as generating reports or conducting system backups, without human oversight.

3. Explain the various Workflows in UiPath.

The following are the various Workflows in UiPath:

Sequence:

- The simplest workflow type in UiPath consists of activities executed in a defined order.

- Ideal for linear processes without branching.

Flowchart:

- A graphical workflow representation allowing complex logic and branching.
- Activities are connected by arrows, depicting flow control.
- Suited for decision-making, loops, and conditional branching.

State Machine:

- A workflow transitioning between states based on conditions or triggers.
- Comprises states, transitions, and associated activities.
- Useful for processes with multiple stages, like order processing.

Global Exception Handler:

- Specialized for handling exceptions or errors during workflow execution.
- Captures raised exceptions and offers centralized error handling and recovery.
- Typically set at the project level, invoked automatically upon exceptions.

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4. Explain the various Recording Options in UiPath.

Below are the various recording options in UiPath:

- **Basic Recording:** Basic Recording captures on-screen actions as a sequence of activities, including mouse clicks, keyboard inputs, and text typing. It's ideal for automating simple tasks without much complexity.
- **Desktop Recording:** Desktop Recording expands on Basic Recording by capturing interactions with individual UI elements within desktop applications, such as buttons and dropdowns.
- **Web Recording:** Web Recording is specialized for automating tasks within web browsers, capturing interactions with web elements like buttons and

forms. It's optimized for web-based processes like data entry and web scraping.

- **Citrix Recording:** Citrix Recording is tailored for automating tasks within Citrix environments or remote desktop sessions, simulating user interactions within Citrix windows.
- **Image Recording:** Image Recording captures user interactions based on visual elements or screenshots, identifying UI elements by their appearance. It's useful for automating tasks in applications where traditional UI automation methods may not be reliable.

5. Explain some of the features of UiPath.

Below are some of the important features of UiPath:

- **RPA Platform:** UiPath offers a robust RPA platform for automating repetitive tasks across various business processes, enhancing productivity and efficiency.
- **Visual Design Interface:** With UiPath Studio's visual design interface, users can create automation workflows without extensive coding knowledge, making it accessible to both business users and developers.
- **Integration Capabilities:** UiPath seamlessly integrates with a range of applications and systems, facilitating data exchange between different systems.
- **AI and Machine Learning:** UiPath incorporates AI and machine learning capabilities for intelligent automation and data-driven insights, enhancing decision-making processes.
- **Orchestration and Management:** UiPath Orchestrator acts as a platform for managing and monitoring, streamlining operations, and optimizing performance.
- **Security and Compliance:** UiPath offers encryption, access controls, and audit trails to ensure protection and data privacy.
- **Community and Ecosystem:** UiPath has a community and ecosystem of developers, partners, and customers, which encourages collaboration, knowledge sharing, and innovation in RPA.

6. What is REFramework in UiPath?

The REFramework in UiPath helps make creating automation projects easier. It stands for Robotic Enterprise Framework. It includes:

- **Configuration File:** This keeps all the settings and details organized in one place.
- **Initialization State:** It gets things started by setting up variables, logging, and handling errors.
- **Get Transaction Data State:** This part gets the data needed for tasks from places like queues or databases.
- **Process Transaction State:** This is where the main work for each task happens.
- **End Process State:** It wraps up the automation by logging what happened and cleaning up any mess.
- **Framework Folder Structure:** The framework uses a neat folder system to keep project files organized, making them easier to manage.

Conclusion

These **UiPath Interview Questions and Answers** consist of some of the most popular and most asked Interview Questions for UiPath that are guaranteed to get you the best shot at a job in UiPath. Give your career a headstart through our [software training institute in Chennai](#).