

🌟🌟🌟 Day 23 of Our Daily UiPath Q&A Challenge! 🌟🌟🌟

Welcome to Day 23 of our exciting UiPath Q&A Challenge! Each day, we'll be answering one key question to help you master UiPath and revolutionize your automation journey. 🚀

🚫 Question for Today

Explain Healing Agent. 🚀

✅ Answer

★The Healing Agent in UiPath is an AI-powered feature designed to enhance the resilience and efficiency of automations by addressing issues that arise during execution. It focuses on minimizing automation downtime and ensuring continuity, even when unexpected changes occur in the application interface.

☒ Enable Healing Agent Preview

Enable the Healing Agent to provide recommendations and suggestions on how to fix issues on running jobs in the future. Option to self heal available.

☒ Enable Healing Agent self-healing

Enable the Healing Agent self-heal when issues are detected on running jobs.

∞ KEY FEATURES OF HEALING AGENT ∞

INTELLIGENT SELF-HEALING : WHEN A UI-BASED AUTOMATION ENCOUNTERS ISSUES (E.G., CHANGES IN THE APPLICATION INTERFACE OR MISSING UI ELEMENTS), THE HEALING AGENT ATTEMPTS TO REPAIR THE AUTOMATION DYNAMICALLY.

IT USES ADVANCED TECHNIQUES LIKE FUZZY SELECTORS, COMPUTER VISION, AND SEMANTIC TARGETING TO IDENTIFY AND INTERACT WITH UI ELEMENTS, EVEN IF THEIR ATTRIBUTES HAVE CHANGED.

ACTIONABLE RECOMMENDATIONS : THE HEALING AGENT ANALYZES APPLICATION INTERFACES AND PROVIDES SUGGESTIONS TO DEVELOPERS FOR RESOLVING ISSUES QUICKLY. THESE RECOMMENDATIONS HELP REDUCE THE TIME SPENT ON DEBUGGING AND TROUBLESHOOTING.

INTEGRATION ACROSS UIPATH ECOSYSTEM : THE HEALING AGENT WORKS SEAMLESSLY WITH UIPATH ROBOTS, ORCHESTRATOR, AND STUDIO TO PROVIDE A UNIFIED EXPERIENCE. IT COMPLEMENTS FEATURES LIKE UNIFIED TARGET, WHICH ENSURES ROBUST ELEMENT IDENTIFICATION BY COMBINING MULTIPLE TARGETING METHODS.

AUTOMATION CONTINUITY : IF AN AUTOMATION IS OBSTRUCTED BY UI INTERFERENCE OR CHANGES, THE HEALING AGENT INTERVENES TO ALLOW THE PROCESS TO CONTINUE WITHOUT MANUAL INTERVENTION.

∞ HOW IT WORKS ∞

THE HEALING AGENT IS TRIGGERED WHEN AN ACTIVITY FAILS TO FIND ITS TARGET ELEMENT. IT ATTEMPTS TO RECOVER THE AUTOMATION BY -

ADJUSTING SELECTORS DYNAMICALLY.

USING FALLBACK METHODS LIKE IMAGE RECOGNITION OR SEMANTIC LABELS.

IF RECOVERY IS SUCCESSFUL, THE AUTOMATION PROCEEDS WITHOUT INTERRUPTION. IF NOT, ACTIONABLE INSIGHTS ARE PROVIDED TO THE DEVELOPER.

∞ REQUIREMENTS ∞

THE HEALING AGENT REQUIRES THE UIAUTOMATION.ACTIVITIES PACKAGE (VERSION 24.12.3-PREVIEW OR HIGHER).

IT SUPPORTS BOTH WINDOWS AND CROSS-PLATFORM PROJECT TYPES.

IT CAN BE ENABLED AT THE PROCESS OR JOB LEVEL IN ORCHESTRATOR.