

Kelverion

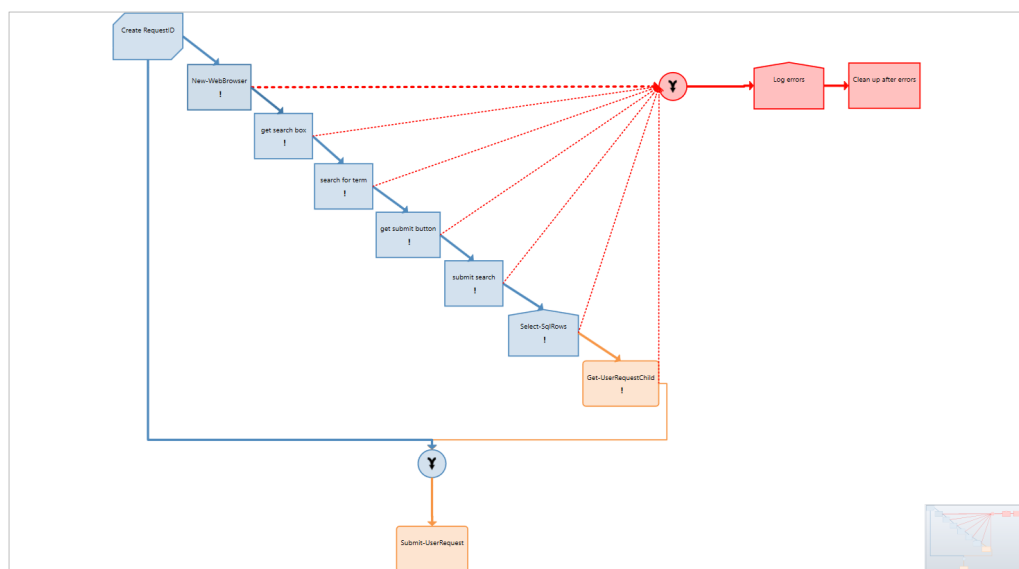
IM for Web Automation

Enabling Robotic Process Automation with Azure Automation

The Integration Module for Web Automation provides a set of ready built activities for interacting web pages from within Azure Automation and the Kelverion Runbook Studio. These are forms driven activities which allows you to define operations within a Web Browser to simulate a human interaction with the web application.

The Integration Module enables automation to interact with any web page or web application including;

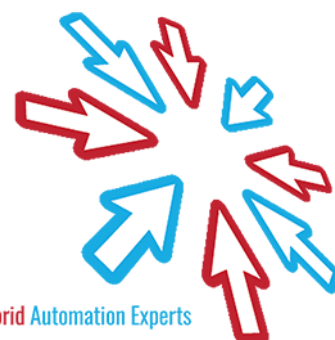
- In house built applications whose interface is via web browser
- Commercial products whose only interface is via a web browser
- B2B Vendor Sites to place orders for new devices, services, support tickets etc.
- Public or Vendor website containing data you want to integrate into an automated process i.e. patch download
- Publish data into web sites via page creation forms i.e. intranet updates, wiki, service announcements, dashboard updates etc.



The Integration Module activities can also be leveraged within any PowerShell script which needs to interact with a web browser.

The Integration Module allows Azure Automation to become a rich Robotic Process Automation platform delivering full application to application data extract, transfer and entry via their respective web interfaces. This enables Azure Automation to deliver those key RPA task automations such as;

- Contract setup
- Statement processing approval
- Report staging
- Auditing
- Reconciliations



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IM FOR WEB AUTOMATION ACTIVITIES

Activity	Description
Add-WebCookie	Adds a cookie to the current page
Clear-WebCookie	Removes all cookies from the current web browser page
Clear-WebElement	Clears the value of text entry elements
ClearWebElementSelection	Clears the specified option from a select element
Close-WebAlert	Accepts or dismisses the active web alert window
Close-WebPage	Closes the web page currently open in the web browser
Get-WebCookie	Gets the cookie with the specified name
Get-WebElement	Searches the currently loaded page for web elements. The cmdlet supports searching by; CSS class name, CSS selector, ID, link text, name, tag or XPATH.
Get-WebElementOption	Gets the selection options from the select element
Get-WebElementSelection	Gets the selected options from the select element
Invoke-WebElementClick	Clicks the web element
Invoke-WebScript	Executes Javascript code in the context of currently selected frame or window
New-WebBrowser	Creates a new web browser instance
New-WebScreenshot	Takes a screenshot of the web page
Open-WebPage	Loads a web page into the web browser
Read-WebAlertText	Reads the windows text from the active alert window
Read-WebElementAttribute	Reads the value of an attribute associated with a web page element
Read-WebElementCSSProperty	Reads the value of an element's CSS property



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IM FOR WEB AUTOMATION ACTIVITIES

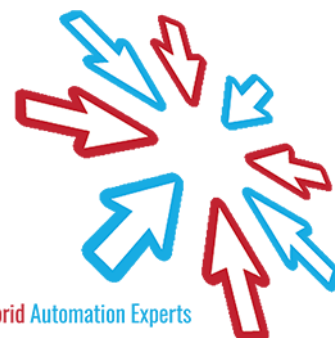
Activity	Description
Remove-WebBrowser	Closes the web browser and release the resources that were used
Remove-WebCookie	Removes the cookie with the specified name
Send-WebAlertCredential	Sends credentials to the active alert dialog
Send-WebAlertKeys	Send text to the active web browser alert window
Send-WebElementKeys	Simulates typing text into the web page element
Set-WebElementSearchTimeout	Specifies the time to wait when searching for an element when the element is not immediately available
Set-WebElementSelection	Selects an option of a select element by index, text or value.
Set-WebFrame	Sets the target frame by web element, name or zero-based index.
Set-WebPageLoadTimeout	Specifies time to wait for web pages to load
Set-WebTarget	Sets the active web page search context
Step-WebPageBack	Move back a single entry in the browser's history
Step-WebPageForward	Move forward a single entry in the browser's history
Submit-WebElement	Submits the web element to the web server
Update-Webpage	Refreshes the current web page

```
Kelverion.IntegrationModule.WebAutomation
├── Add-WebCookie
├── Clear-WebCookie
├── Clear-WebElement
├── Clear-WebElementSelection
├── Close-WebAlert
├── Close-WebPage
├── Get-WebCookie
├── Get-WebElement
├── Get-WebElementOption
├── Get-WebElementSelection
├── Invoke-WebElementClick
├── Invoke-WebScript
├── New-WebBrowser
├── New-WebScreenshot
├── Open-WebPage
├── Read-WebAlertText
├── Read-WebElementAttribute
├── Read-WebElementCssProperty
├── Remove-WebBrowser
├── Remove-WebCookie
├── Send-WebAlertCredential
├── Send-WebAlertKeys
├── Send-WebElementKeys
├── Set-WebElementSearchTimeout
├── Set-WebElementSelection
├── Set-WebFrame
├── Set-WebPageLoadTimeout
├── Set-WebTarget
├── Step-WebPageBack
├── Step-WebPageForward
├── Submit-WebElement
└── Update-WebPage
```

For more information on the Kelverion Integration Module for Web Automation please contact info@kelverion.com.

Kelverion are a Microsoft System Center and Cloud Partner who offer Integration Packs and Tools to enhance System Center Orchestrator and Azure Automation and deliver System Center implementation services.

Find out more at <http://www.kelverion.com>



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