

## WebPageAutomationHelper tool

Using the WebPageAutomationHelper tool, you can create a JSON script to achieve automatic logins to a web page displayed in SiteKiosk Online or even automatic confirmation of web page dialogs (e.g. cookie confirmations).

The JSON script can then be added to the project under >Settings>Client>Advanced as "system.browser.webPageAutomation".

DOM elements can be selected either by CSS or script.

You have to find out these beforehand, for example with the dev tools of your browser.

Steps you can use

- Click (emulates a mouse click)
- Execute Script
- Navigate
- Send Keys (only works on the Client, not when testing)
- Set Input Value
- Check Cookie Exists
- Check Cookie Value
- Set Cookie Value
- Delete Cookie
- Wait

There is already an example to confirm the Google Search Cookie Dialog that will be displayed when opening the Tool.

First step: "Check Cookie"

Second step: "Click"

Third step "Set Cookie Value"

You can test this script with the WebPageAutomationHelper tool by using the Test Button at the upper right.

Another example for Auto Login on <https://sitekiosk.online>

Before you begin delete all example steps for the Google Search Cookie Dialog.

Open the web page in your "normal" browser and activate the DEV tools of the browser (F12).

You can find out the CSS ID of the input field by clicking on it with the Element Inspector.

Here: `<input name="UserNameEdt" type="text" id="UserNameEdt" class="logintextbox" autocomplete="username">`.

In the WebPageAutomationHelper tool, specify a name for the script at the top and specify the URL under URL pattern. The option "Block Page while working" causes SiteKiosk Online to block the page while the script is working.

Then select "Add Step" and as "Step type">"Set input value".

The expected result here is "Step must succeed".

Since we got a CSS ID above we select "CSS" under "DOM element selector" and enter "#UserNameEdt" (without quotes) in the input field.

With the test button you can check in the test browser window that opens if the input field is selected successfully.

Then enter below at "Value to set" what you want to set in the input field.

Here "String" and in the input field the user name for https://sitekiosk.online.

Proceed analogously with the input field for the password:

```
<input name="PasswordEdt" type="password" id="PasswordEdt" class="logintextbox" autocomplete="current-password">  
>Add Step>Step type>Set input value>Step must succeed>CSS>#PasswordEdt>Value to set>String>YourPassword
```

To click the login button, proceed as follows. Again, find the DOM element of the login button using the Dev Tools from the browser. Here:

```
<input type="submit" name="LoginBtn" value="Login" onclick="javascript:  
WebForm_DoPostBackWithOptions(new  
WebForm_PostBackOptions("LoginBtn", "", true,  
"", false, false))" id="LoginBtn" class="button green"  
style="font-size: 16px; padding-left: 24px; padding-right: 24px;">
```

This time, however, choose the "Step type">"Click" at "Add Step".

Then >Expected step result>Step must succeed

And >CSS>#LoginBtn

With the Test button on the top left (after the Show button) you can test the result

Under JSON you will find the script which you can copy. Finally add that JSON script to your SiteKiosk Online project under >Settings>Client>Advanced. Press the "Add setting" button and then select > system.browser.webPageAutomation under "Path" at the top.

Then add the JSON script like the example below inside the square brackets [...your JSON script...].

```
{  
    "name": "sitekiosk Online Test",  
    "blockPage": true,  
    "filter": {  
        "url": "https://sitekiosk.online"  
    },  
    "steps": [  
        {  
            "expectedStepResult": true,  
            "ignoreStepResult": false,  
            "setInputValue": {  
                "element": {  
                    "timeoutInMs": 0,  
                    "dontWaitForDomChanges": false,  
                    "cssQuery": "#UserNameEdt"  
                },  
                "value": "__EncryptedSiteKioskString:585b55455e545f"  
            }  
        },  
        {  
            "expectedStepResult": true,  
            "ignoreStepResult": false,  
            "setInputValue": {  
                "element": {  
                    "timeoutInMs": 0,  
                    "dontWaitForDomChanges": false,  
                    "cssQuery": "#PasswordEdt"  
                },  
                "value": "__EncryptedSiteKioskString:75055f055a050606"  
            }  
        },  
        {  
            "expectedStepResult": true,  
            "ignoreStepResult": false,  
            "click": {  
                "element": {  
                    "timeoutInMs": 0,  
                    "dontWaitForDomChanges": false,  
                    "cssQuery": "#LoginBtn"  
                }  
            }  
        }  
    ]  
}
```