Add feature to Open-Source React Chrome extension

We are using the open-source UI.Vision RPA extension (“web macro recorder”). The goal of this project is to add array support for the executeScript_**Sandbox** command.

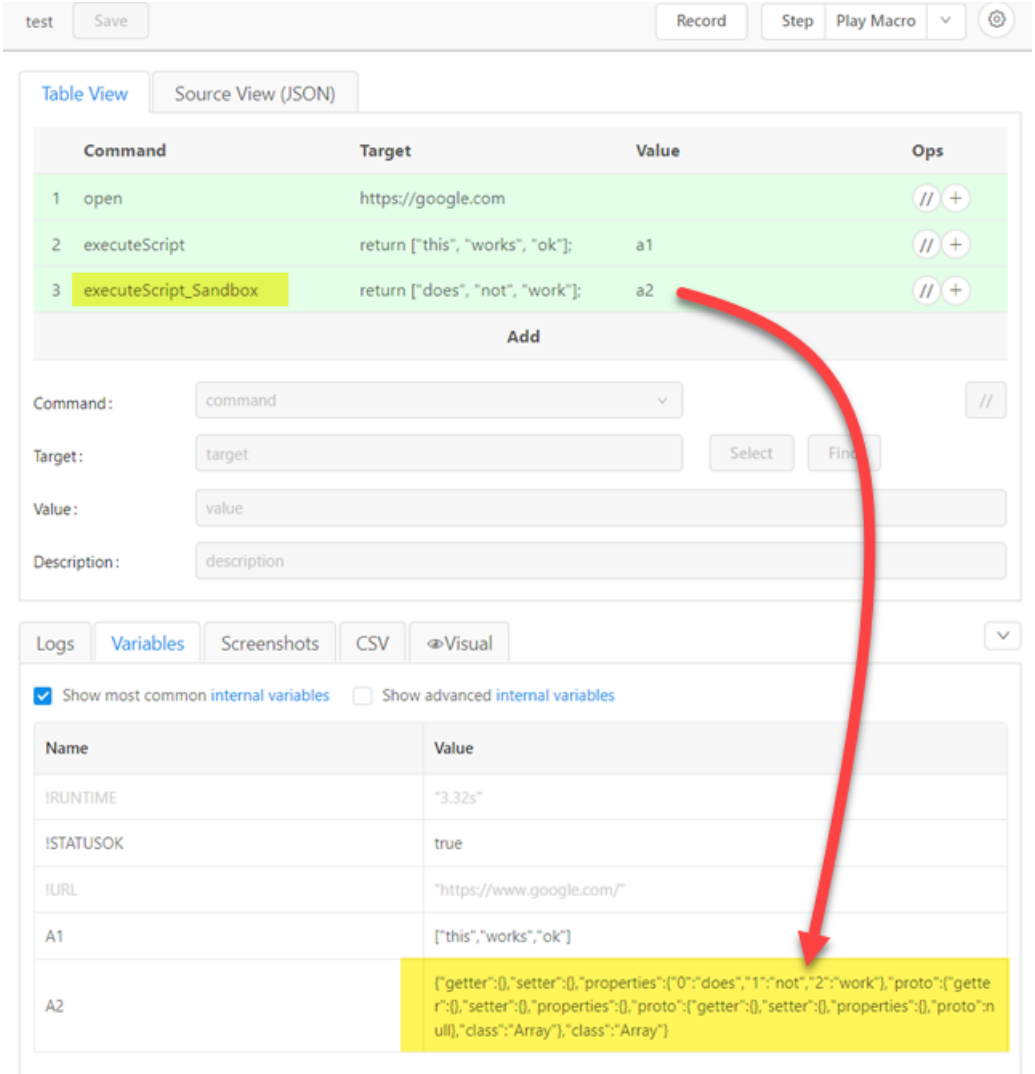
The goal of this project is to add a feature to an Open-Source (React-based) Chrome extension for test automation.

Extension in Chrome store: https://chrome.google.com/webstore/detail/uivision-rpa/gcbalfbdmfieckjlnblleoemohcganoc

To explain: In Version **7** of this extension the executeScript_**Sandbox** command can no longer return **arrays**, as described here:

https://forum.ui.vision/t/ui-vision-rpa-chrome-extension-migration-from-manifest-v2-to-manifest-v3/8957/27

Screenshot of the issue:



^You see in the screenshot how the executeScript commands returns an array, but executeScript_**sandbox** returns an internal structure (that is the bug to be fixed!).

For running the Javascript inside executeScript_**Sandbox** the extension using this open-source
https://neil.fraser.name/software/JS-Interpreter/

The challenge is that the js-interpreter also returns internal data structure for object/array (see screenshot below).

Instead, it should work like the executeScript command which returns array properly (but requires a website to run, that is why it is no solution for us).

So, we see 3 approaches to solve this:

- Make some **changes to UI Vision** to convert the returned structure to an array
- And/or make some **changes to the JS-Interpreter** library used
- Or **find another JS library** that works better

Other solutions are also welcome. The issue is solved once the array handling of executeScript_sandbox works just like executeScript.

Building the extension/Source code

The project uses React Node V12.16.1 and NPM V6.13.4.

Build video: https://www.screencast.com/t/PN32qj29 (on Windows, but same on Mac/Linux)

The ready-to-compile full source of the project is available before your bid if you want to check. The challenge is that this is a rather powerful extension so we assume it takes some time to understand the source code.

Expected Result

This milestone is completed once the array handling of executeScript_sandbox works just like executeScript.

Of course, no regression issues/new bugs should be introduced with this fix ;-