Tips and Tricks

The present section is aimed to share knowledge and experience with the Intelligent Automation Cloud Express/Business users and provides some useful hints to use in their automation tasks.

- General
- WorkFusion Studio
- Control Tower

General

Checking your product version

You can check your Intelligent Automation Cloud version via **Control Panel** > **Programs** > **Programs and Features**. See the example below.

Apps & features

Installing apps

Choose where you can get apps from. Installing only apps from the Store helps protect your PC and keep it running smoothly.

Allow apps from anywhere ⌄

Apps & features

Manage optional features

Manage app execution aliases

Search, sort, and filter by drive. If you would like to uninstall or move an app, select it from the list.

Intelligent Automation Cloud   ✕

Sort by: Name ⌄   Filter by: All drives ⌄

WorkFusion Intelligent Automation Cloud   6.68 GB
                                            8/12/2019
2.4.0.1329

Modify   Uninstall

WorkFusion Studio

Using Windows Shortcuts for desktop automation

Basic shortcuts used for Windows and Windows applications can be used for automating the same actions in Studio. For basic keyboard shortcuts, refer to Keyboard Shortcuts for Automation.

Using XPaths for web automation

XPath is actually a path to an element on a web page. Apply XPaths in the Web actions to identify web elements for a Bot to interact with.

Opening downloaded recording

To view a recording you downloaded from the forum or here in the documentation, add it to your project folder. To do that, refer to Adding Recording in the Use RPA Recorder section.

Getting values from lists and tables

Lists and tables are needed to do the same set of actions for all their items (rows or columns) that can be set up as Recorder variables. A value of each list or table element can be retrieved using the element's index. See more in Recorder Variables.

Getting object value from Windows application

To perform actions in any desktop application, Bot has to find particular elements to interact with. These are identified by selectors retrieved with the help of Inspector. To view scenarios, follow the link.

Finding Excel cell coordinates based on cell text

To get the coordinates of a particular cell, use a custom action. The coordinates of an Excel cell are kept in the `Name` attribute.

> **Code sample**
>
> ```
> @CustomScriptAction(
> input = ['text'],
> output = 'name'
> )
>
> def customScript() {
>
> name = RString.of($("[CLASS:DataItem; TEXT:${text}]").getAttribute('Name'))
>
> }
> ```

Control Tower

> ### Splitting Business Process in Bot Tasks
>
> It can be hard to maintain and update a complex business workflow in a single Bot Task. As a solution, we recommend splitting complicated Business Processes in several smaller Bot Tasks, i.e. automate each Bot Task separately, and then combine in a single Business Process. Refer to How to Split Business Process in Tasks.

> ### Splitting data in the middle of Business Process
>
> There are cases when data records for some of Business Process steps cannot be available before the Business Process starts. In this case, it is recommended to split data in the middle of the Business Process. To do that, you can use a special Bot Form (ETL task). See more in Split Data Between Bot Tasks.