

Robotic Process Automation (RPA)

Part 16 - List를 사용한 반복검색

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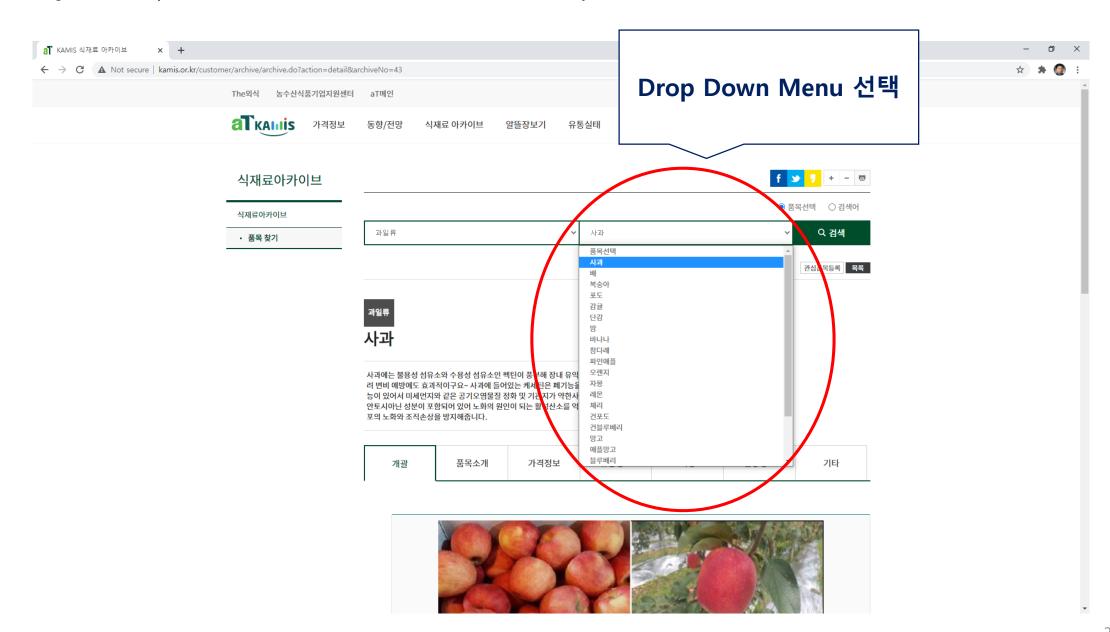
List Data Type을 사용한 Loop: Drop Down Menu 선택

Step 0: Dropdown Menu를 사용하여 다양한 Option(과일) 선택

(https://www.kamis.or.kr/customer/archive/archive.do?action=detail&archiveNo=43)

- Step 1: Option 내용을 List Data Type으로 전환
- Step 2: loop foreach value in ListOfOptions end 을 사용 Option 내 데이터를 검색
- Step 3: Switch 문을 사용하여 Option에 따른 Control변경

Step 0: Dropdown Menu를 사용하여 다양한 Option(과일) 선택



Step 1: Option 내용을 List Data Type으로 전환

set listOfOptions to ['사과', '배', '포도']

Step 2: loop foreach value in ListOfOptions

loop foreach value_option in listOfOptions

WebAutomation.FormFilling.SetDropDownListValueByName BrowserInstance: Browser ₩ Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr_ ₩ OptionNames: fruits

WebAutomation.FormFilling.SetDropDownListValueByName BrowserInstance: Browser ₩ Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr_ ₩ OptionNames: value_option

WebAutomation.FormFilling.PressButton BrowserInstance: Browser ₩ Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr

wait 3

end

Step 2: loop foreach value in ListOfOptions

```
switch value_option
  case = '사과'
  WebAutomation.FormFilling.PressButton BrowserInstance: Browser ₩
     Control: appleApp.New_Application.applectrl.img
  case = '배'
  WebAutomation.FormFilling.PressButton BrowserInstance: Browser ₩
     Control: appleApp.New_Application.pearctrl.img
  case = '포도'
  WebAutomation.FormFilling.PressButton BrowserInstance: Browser ₩
     Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr.img
                default
  Console.Write Message: 'Option select failed.'
  WebAutomation.CloseWebBrowser BrowserInstance: Browser
  end
```

Step 2: loop foreach value in ListOfOptions

loop foreach value_option in listOfOptions

WebAutomation.FormFilling.SetDropDownListValueByName BrowserInstance: Browser ₩ Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr_ ₩ OptionNames: fruits

WebAutomation.FormFilling.SetDropDownListValueByName BrowserInstance: Browser ₩ Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr_ ₩ OptionNames: value_option

WebAutomation.FormFilling.PressButton BrowserInstance: Browser ₩ Control: appleApp.New_Application.Web_Page_https_www_kamis_or_kr

wait 3

end

파일 저장 (File Save)

Date function을 활용한 파일 이름 생성

File.RenameAddDateOrTime Files:DesktopDirectoryPath+'₩ScreenShot.png' ₩

DateTimeToAdd:File.DateTimeToAdd.Current ₩

DateTimePosition:File.AddTextPosition.AfterName ₩

DateTimeSeparator:File.Separator.Space ₩

DateTimeFormat:'yyyy-MM-dd@hh-mm' ₩

IfFileExists:File.IfExists.DoNothing ₩

RenamedFiles=> RenamedFiles

Rename Multiple Files

```
Display. SelectFolder Description: 'Please select the folder whose files will be
renamed. Press Cancel to exit.' ₩
               InitialDirectory:'' ₩
               IsTopMost:False ₩
               SelectedFolder=> SelectedFolder ₩
               ButtonPressed=> ButtonPressed
if ButtonPressed='OK' then
   Folder Get Files Folder: Selected Folder ₩
               FileFilter:'*' ₩
               IncludeSubfolders:False ₩
               FailOnAccessDenied:True ₩
               SortBy1:Folder.SortBy.NoSort ₩
               SortDescending1:False ₩
               SortBy2:Folder.SortBy.NoSort ₩
               SortDescending2:False ₩
               SortBy3:Folder.SortBy.NoSort ₩
               SortDescending3:False ₩
```

Files=> FilesToBeRenamed

Examples and Codes

https://github.com/JSJeong-me/SDF-RPA

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