

WaitWndOCR

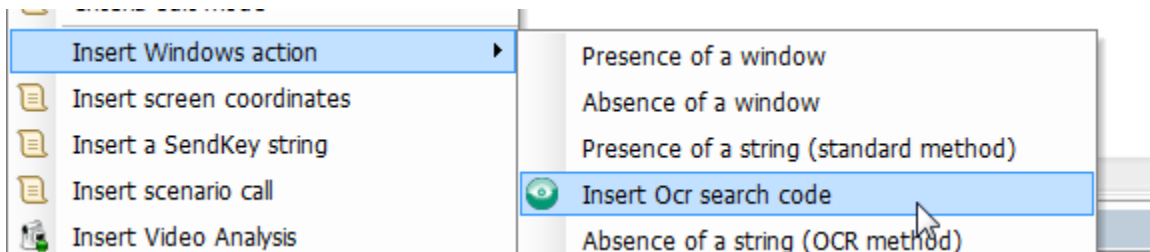
Description

7.4.X and later versions

The new OCR function **WaitWndOcr** brings a lot of functionality comparing to the WaitAppStrOcr function. For example, it can click on a particular string found. It complements the WaitSearchBitmap function. Our pre-requisites recommend to have a resolution of 1280x1024 on your Newtest robots. This does not mean that the new WaitWndOCR function does not work in 1024x768, but it improves the results with better resolution.

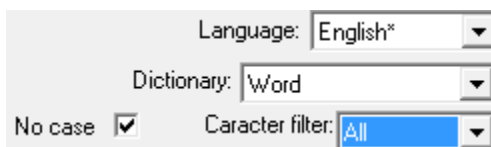
Parameter(s)

The assistant is started with a right click in a Windows or NewTRIA script:



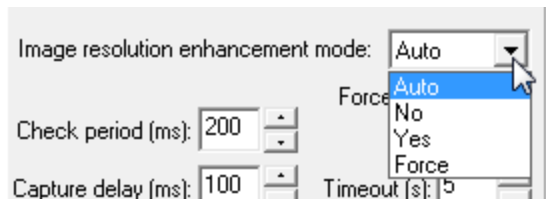
Among the OCR core parameters, the following are important:

- Language and characters: use the appropriate settings when looking for dictionary words (e.g. Login) or acronyms (e.g. application name like SUPERAPP).



Recommended settings: do not use lower/uppercase sensitivity

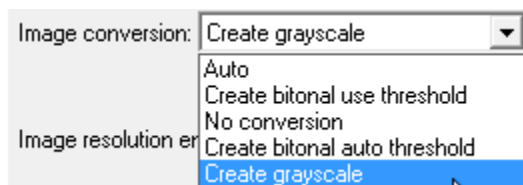
- Resolution enhancement ("OCR.RESOLUTIONENHANCEMENT"): use 'yes' to convert to a higher resolution image



A screen resolution of 1024*768 is only 96DPI, which is low compared to Scanner applications (>300 DPI usually) used for OCR. Therefore, it may be required to increase artificially the resolution for better analysis input.

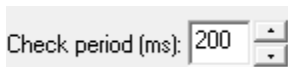
Recommended settings: leave 'auto'

- Image conversion: this step prepares an homogeneous zone for running the analysis



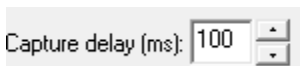
Recommended settings: leave 'auto'

- Check period ("OCR.PERIOD"): OCR scan refresh rate. Do not decrease this value too much in order not to overuse CPU resources



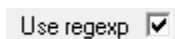
Recommended settings: 200ms

- Capture delay("WINDOW.CAPTURE_DELAY"): delay before first screen capture (once)



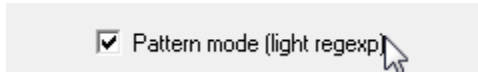
Recommended settings: 100ms

- Use Regular expression: use in the search text the basic regular expression rules (POSIX BRE see https://en.wikipedia.org/wiki/Regular_expression)



Note: this option does not allow fo clicking

- The 'Light' regular expression allows for simple 'wildcards' when searching for text strings:



With this mode, it is also possible to click on the found text. Only the following 'wildcards' are possible:

- *: one or none character (for example 'ip*label' finds 'ip-label' or 'iplabel')
- ?: at least one character (for example 'ip?label' finds 'ip-label' but not 'iplabel')
- [abc] : means the characters a, b or c (for example 'ip[-_]label' finds 'ip-label' or 'ip_label')
- \ : escape character (for example to use a special character like '*' or '?' in your search)
- | : OR (for example "ip[-_]label|newtest" <=> find "ip[-_]label" or "newtest")
 - OCR zone offset (advanced): In order to resume the previous zone where the text was found, use a relative position:
SetArgString("OCR.OFFSETS","10,10 :50,50").

Example(s)

Seeing the OCR analysis results

You can print the variable \$ (OCR.RESULT) in a TraceInfo or write the outcome by any other mean (text file...)

Warning: Do not use the variable \$ (OCR.RESULT) in a loop: its value will not change during the iterations. For use in a loop, you must use the function GetArgString:

reference to undefined name 'syntax' Une exception de type 'MindTouch.Deki.Script.Runtime.DekiScriptUndefinedNameException' a été levée.
(click for details)

reference to undefined name 'syntax' Une exception de type 'MindTouch.Deki.Script.Runtime.DekiScriptUndefinedNameException' a été levée.
(click for details)

See also

[WaitAppStrOCR](#)

[WaitWndStr](#)

[OCR.pdf](#)