

Guide for all Fitnesse methods to use on an Appian Application

INITIALIZATION CODE

!define TEST_SYSTEM {slim}	Uses FitNesse SLiM to run tests
!path C:\AutomatedTesting***.jar	Defines classpath for fixtures
script com.appiancorp.ps.automatedtest.fixture.TempoFixture 	Initializes fixture to be used for the rest of the test
setup selenium web driver with BROWSER_NAME browser	Initializes Selenium Web Driver and opens browser

FITNESSE KEYWORDS

script	This key word must be the first row of every script table
check	If the word check is in the first cell of a row, then a function call follows it. The last cell of the table is the expression we expect to be matched by what the function actually returns.
check not	If the word check not is in the first cell of a row, then a function call follows it. The last cell of the table is the expression we expect not to be matched by what the function actually returns.
ensure	If the word ensure is in the first cell, then it should be followed by a function that should return a boolean true for green and false for red.
reject	If the word reject is in the first cell, then it should be followed by a function that should return a boolean false for green and true for red.
note	If the word note is in the first cell, all other cells in that row will be ignored. Also works if the first cell is blank or begins with # or *.

show	If the word show is in the first cell, then it should be followed by a
	function. A new cell will be added when the test is run, and it will contain
	the return value of the function.
	If a symbol assignment is in the first cell, then it should be followed by a
\$VAR=	function. The symbol is assigned the value returned by that function.

NAVIGATION METHODS

click on menu	Navigates to tempo tab
TEMPO_MENU_NAME	
search for SEARCH_TERM	Searches for a term on News, Reports, or
	Record List

NEWS METHODS

verify news feed containing text NEWS_TEXT	Verify a news item with a
is present	particular title is present
verify news feed containing text NEWS_TEXT	Verify a news item with a
is not present	particular title is not present
toggle more info for news feed containing text	Click the more info link
NEWS_TEXT	
verify news feed containing text NEWS_TEXT	Verify the more info link of a
and more info with label LABEL and value	particular new item contains a
VALUE is present	particular label and value
verify news feed containing text NEWS_TEXT	Verify a news item with a
tagged with TAG_NAME is present	particular title and tag is
	present
verify news feed containing text NEWS_TEXT	Verify a news item with a
commented with COMMENT is present	particular title and comment
	is present
click on news feed NEWS_TEXT record tag	Click on record tag on a
RECORD_TAG	particular news item

\$VARIABLE_NAME= get regex REGEX group	Use Java Regular Expression
GROUP from news feed containing text	to return data from news as a
NEWS_TEXT	variable
\$VARIABLE_NAME= get regex REGEX group	Use Java Regular Expression
GROUP from news feed containing text	to return data from news as a
NEWS_TEXT commented with COMMENT	variable

TASKS METHODS

click on task TASK_NAME	Click on task
click on task report TASK_REPORT_NAME	Click on task report
verify task TASK_NAME is present	Verify task is present
verify task TASK_NAME is not present	Verify task is not present
verify task TASK_NAME has a deadline of	Verify task has a particular
DEADLINE_TEXT	deadline, e.g. 1h

RECORDS METHODS

click on record type	Click on a record type
RECORD_TYPE_NAME	
click on record type user filter	Click on a record type user filter
USER_FILTER_NAME	
verify record type user filter	Verify a particular record type user filter is
USER_FILTER_NAME is present	present
click on record RECORD_NAME	Click on a record, works for both record list
	view and record grid view
verify record RECORD_NAME is	Verify a record is present
present	
verify record RECORD_NAME is	Verify a record is not present
not present	
click on record view VIEW_NAME	Click on a record view
click on record related action	Click on a related action, this works for

RELATED_ACTION_NAME	quick links and on the related action view
verify record related action	Verify a record related action is present
RELATED_ACTION_NAME is present	
verify record related action	Verify a record related action is not present
RELATED_ACTION_NAME is not present	
sort record grid view by column	Sort a record grid view by column
COLUMN_NAME	
click on record grid navigation	Page through a record grid view, options include "First", "Previous", "Next", or "Last"
NAVIGATION_OPTION	

REPORTS METHODS

click on report REPORT_NAME	Click on a report
verify report REPORT_NAME is present	Verify a report is present
verify report REPORT_NAME is not present	Verify a report is not present

ACTIONS METHODS

click on action ACTION_NAME	Click on an action
verify action ACTION_NAME is present	Verify an action is present
verify action ACTION_NAME is not present	Verify an action is not present

INTERFACE METHODS

populate field	When populating a picker field with a username,
FIELD_LABEL_OR_INDEX	make sure to use the display value instead of the
with VALUE(S)	username
populate field	Use this to populate the 2nd, 3rd, ... field with the
FIELD_LABEL[FIELD_INDEX]	same label

| with | VALUE(S) |

| populate | FIELD_TYPE |
field | [FIELD_INDEX] | with
| VALUE(S) |

Use this to populate the 1st, 2nd, 3rd, ... field of a specific type with no label, currently only compatible with FIELD_TYPES of TEXT, PARAGRAH, and FILE_UPLOAD.
WARNING

Integer, Decimal, and Encrypted text fields will be considered as Text fields.

| populate field |
FIELD_LABEL | with value |
VALUE |

Use this to populate a field with a value that contains a comma

| populate field |
[FIELD_INDEX] | in section |
SECTION_NAME | with |
VALUE(S) |

Populate a field in a section with no label

| clear field | FIELD_LABEL |
of | VALUE_TO_REMOVE |

Use this to remove a specific value from a picker

| get form title |

Use with FitNesse keyword 'check' to verify title

| get form instructions |

Use with FitNesse keyword 'check' to verify title

| get field |
FIELD_LABEL_OR_INDEX |
value |

Use with FitNesse key words 'check' to verify value runtime variables

| get field |
FIELD_LABEL_OR_INDEX | in
section | SECTION_NAME |
value |

Use with FitNesse key words 'check' to verify values runtime variables

| verify field |
FIELD_LABEL_OR_INDEX |
contains | VALUE |

Verify field contains value

| verify field | FIELD_LABEL |
contains value | VALUE |

Use this to verify a field that contains a comma

| verify field |
FIELD_LABEL_OR_INDEX | in
section | SECTION_NAME |
contains | VALUE |

Verify field in section contains a value

| verify field |
FIELD_LABEL_OR_INDEX | is
present |

Verify field with label is present

| verify field |

Verify field with label is not present

FIELD_LABEL_OR_INDEX | is
not present |

| verify field | Verify field with label contains a specific validation
FIELD_LABEL_OR_INDEX | message
contains validation message |
VALIDATION_MESSAGE(S) |

| verify section | Verify section with label contains a specific
SECTION_NAME | contains validation message
validation message |
VALIDATION_MESSAGE(S) |

| populate grid | GRID_NAME | Populate a grid field with a value
| column |
COLUMN_NAME_OR_NUMBER
| row | ROW_NUMBER | with
| VALUE(S) |

| verify grid | GRID_NAME | Verify a grid field contains a value
column |
COLUMN_NAME_OR_NUMBER
| row | ROW_NUMBER |
contains | VALUE(S) |

| select grid | GRID_NAME | Selects row in grid
row | ROW_NUMBER |

| verify grid | GRID_NAME | Verifies if row in grid is selected
row | ROW_NUMBER | is
selected |

| click on grid | GRID_NAME | Can use gridName, gridIndex, or gridName[index]
add row link |

| click on grid | Navigates through paging, only takes "first",
GRID_NAME_OR_INDEX | previous, next, or "last"
navigation |
NAV_REFERENCE |

| sort grid | Sorts grid by column name
GRID_NAME_OR_INDEX | by
| COLUMN_NAME |

| click on link | LINK_NAME | Can use linkName or linkName[index]

| click on button | Clicks on button
BUTTON_NAME |

| verify button | LABEL | is
present | Verify button with label is present

verify button LABEL is not present	Verify button with label is not present
click on radio option RADIO_OPTION	Clicks on the first radio button with the given choice label
click on radio option RADIO_OPTION[INDEX]	Clicks on the radio button with the given choice label by index. Index only includes radio button options.
click on checkbox option CHECKBOX_OPTION	Checks on the first checkbox with the given choice label
click on checkbox option CHECKBOX_OPTION[INDEX]	Checks on the checkbox with the given choice label by index. Index only includes checkbox options.
expand section SECTION_NAME	Expands section
collapse section SECTION_NAME	Collapses section

UTILITY METHODS

setup selenium web driver with BROWSER_NAME browser	Initializes Selenium Web Driver and opens browser, options include FIREFOX, CHROME, IE
set appian url to APPIAN_URL	Sets the default appian url
set appian version to APPIAN_VERSION	Sets the default appian version
set appian locale to APPIAN_LOCALE	Sets the Appian locale used for date and datetime formatting, options include en_US or en_GB (defaults to en_US)
set start datetime	Used as relative datetime for date/time fields
set timeout seconds to TIMEOUT_SECONDS	Used as the wait timeout in between each command
set screenshot path to SCREENSHOT_PATH	Set the folder where screenshots will be saved. This will create new folders if necessary. Terminate path with "/" to ensure folder creation. (Defaults to AUTOMATED_TESTING_HOME\screenshots\)

set take error screenshots to SCREENSHOT_BOOLEAN	If true, screenshots will be taken for every failed test case. (Default true)
set stop on error to STOP_ON_ERROR_BOOLEAN	If true, the FitNesse test will stop on any error. (Default false)
take screenshot FILE_NAME	Take a screenshot with the name (do not include the extension)
login with username USERNAME and password PASSWORD	Uses the previously set appian url
login with terms with username USERNAME and password PASSWORD	Uses set appian url
wait for RELATIVE_PERIOD, e.g. +1 days, +1 hours	Waits for relative amount of time
wait until RELATIVE_PERIOD	Waits until relative time
\$VARIABLE_NAME= get random string STRING_LENGTH	Use \$VARIABLE_NAME to access variable
\$VARIABLE_NAME= get random integer from MIN_INT to MAX_INT	Use \$VARIABLE_NAME to access variable
\$VARIABLE_NAME= get random decimal from MIN_DECIMAL to MAX_DECIMAL	Use \$VARIABLE_NAME to access variable
\$VARIABLE_NAME= get random decimal from MIN_DECIMAL to MAX_DECIMAL with DECIMAL_PLACES	Use \$VARIABLE_NAME to access variable
refresh	refreshes screen
logout	Logout of Appian

Front Page (FrontPage) | User Guide (FitNesse.UserGuide) | Appian Cheat Sheet (AppianFitNesseCheatSheet) |root (root) (for global !path's, etc.) | Press '?' for keyboard shortcuts (edit) (PageFooter?edit)