

Nose for Python

Command to run a test	nosetests
Avoid nose capturing stdout, logs are shown in console	-s, --nocapture
Generate Junit like .xml report	--with-xunit
Stop running tests after the first error or failure	-x, --stop

Bundler

Command	Description
bundle exec cucumber path/to/file	Executes a cucumber test
bundle config local.mtmeauto /path/to/mtmeauto/automation-ruby/	To use local bundle
bundle config --delete local.mtmeauto	To stop using local mods

Selenium Locators

Description	Locator	Python	Ruby
Find element by its CSS locator	css	find_element_by_css_select_or("element")	find_element(:css, "element")
Find element by its Xpath locator	xpath	find_element_by_xpath("element")	find_element(:xpath, "element")
Find element by its HTML tag	tag	find_element_by_tag_name("element")	find_element(:tag_name, "element")
Find element by its class	class_name	find_element_by_class_name("element")	find_element(:class_name, "element") or find_element(:class, "element")
Find element by its ID	id	find_element_by_id("element")	find_element(:id, "element")
Find element by its text (just A tags)	link_text	find_element_by_link_text("element")	find_element(:link_text, "element") or find_element(:link, "element")
Find element by its Name attribute	name	find_element_by_name("element")	find_element(:link, "element")

Selenium Locators (cont)

Find element by partial text (just A tags)	partial_link_text	find_element_by_partial_link_text("element")	find_element(:partial_link_text, "element")
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Git commands

Command	Description
git checkout origin/master	Sends you to detached mode
git branch [nameofthenewbranch]	Creates a new branch
git checkout [nameofthebranch]	Moves (checks out) to the specified branch
git fetch origin	Download changes
git rebase origin/master	Applies downloaded changes from fetch
git add [filename]	Stages changes on the specified file
git commit -m "message"	Commits whatever is staged, with a new message
git commit --amend	Commits whatever is staged amending the previous commit
git log -n1	Shows you the latest commit
git push origin HEAD:refs/for/master	Pushes changes to Gerrit
git branch -av	Shows all your branches and which one is checked out
git branch -d	Deletes the branch, considering status
git branch -D	Deletes the branch forcefully
git checkout -b [nameofthebranch]	Creates a new branch and switches to it

Jenkins URL commands

Restart	http://jenkinsinstallation/restart
Stop	http://jenkinsinstallation/exit
Reload Configuration	http://jenkinsinstallation/reload



Ruby Math

Command	Description
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Exponentiation	Exponentiation raises one number (the base) to the power of the other (the exponent). For example, <code>2**3</code> means "give me 2 2 2" (2 multiplied together 3 times).
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Modulo (%)	Modulo returns the remainder of division. For example, <code>25 % 7</code> would be 4, since 7 goes into 25 3 times with 4 left over.
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Ruby Miscellaneous

Command	Description
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<code>puts</code> & <code>print</code>	Puts prints but adds a new line at the end
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<code>=begin</code> multiline comments <code>=end</code>	no space between the = and the keyword, they need to be on a line by themselves
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<code>gets</code>	Is the Ruby method that gets input from the user. When getting input, Ruby automatically adds a blank line after each bit of input.
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<code>.chomp</code>	removes extra blank lines
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<code>!</code>	It modifies the variable in itself, example: instead of doing <code>print "This is my question?"</code> <code>answer = gets.chomp</code> <code>answer2 = answer.capitalize</code> <code>print = answer2</code> you can use <code>print "This is my question?"</code> <code>answer = gets.chomp</code> <code>answer.capitalize!</code> <code>print answer</code>
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Ruby String methods

Command	Description
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<code>.length</code>	returns the length of a string
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<code>.reverse</code>	returns the string backwards
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<code>.upcase</code>	returns the same string all in caps
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<code>.downcase</code>	returns the same string all in lowercased
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<code>.capitalize</code>	returns the string with just the first letter in caps and the rest on lowercase
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string interpolation	<code>first_name = "Kevin"</code> <code>puts "Your name is #{first_name}!"</code> <code>#=> Your name is Kevin</code>
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