so if you want to control a bowser,and if you want to perform any operation on a broswer

can ruby do it by itself answer is no? ruby has to relay on watir to perform these operations.

where do i get watir? how ruby will talk to watir?

Basically ruby is programming lanuage to develop the applcaition

so ruby need to extend the behavior. so to extend the behavoior of ruby we need to install gem.

we have to have watir how do you get watir into ruby

ruby gems is a package management system or in other words we call it is as bundle or distrubte or install other related codes everthing

which will come in the form of gem.

so watir is the other code so you want to bundle with ruby code.

so you want to bring that gem into your environemnt

then how to install the gem

gem install -------- is the command to install then particular you need to mention the particular gem name

in our case we need to install watir

so type a commnad gem install watir

we need to download the dependencies of watir

Diagram

basically we what happen is

we are using a netbeans as a ide.. what ever code you are writing is ruby that code

ruby dont have any understanding of how to do automation testing

same thing in java dont have any understanding of how to do automation testing

expalin with diagram

they have some simple commands

so the language which watir is using is domain specific lanuage that lanuague is very close to english they are trying make so easy

so that you are looking at this test case is easy enough to understand. even non techincal guys can able to understand

what operation we are going to perform.

even watir and capybara need some driver to perform these operation. in case of capybara there is a capybara webkit that can able to understand the method.

then it will perform some operation.

but actually performing of that action is done under the hold by make use of selenium.

then you ask why we need to use...selenium for that we use selenium directly right?

But selenium is hidden.so watir and capybara internally using selenium.

then watir needs webdriver so we need to download

gem install watir-webdriver

if you want to install bundler that is dependencies watir and webdriver

gem install rake bundler yard watir-webdriver

why to use rspec?

in testing if you to perform assretion and all we are using rspec. so there is gem rspec particularly for assertion

if you want to update any gem ----then here is the command

Gem update gemname

first line require

u dont no if ur env having gems watir

download

from the watir library go to the browser class and instatiee a browser class and give the firefox

firefox is the type of the object