Installation

Thursday, March 22, 2018

10:31 PM

How to do environmental installation

* 1. Install Ruby

<https://rubyinstaller.org/downloads/>

Ruby: 2.3.3

Machine generated alternative text:
Downloads 
Rubylnstallers 
Archives» 
WHICH VERSION TO DOWNLOAD? 
If you don't know what version to install and you 're getting started with 
Ruby. we recomrnend you use Ruby installers. These provide a 
stable language and a extensive list of packages (gems) that are 
cornpatible and updated. 
However, not all packages (gems) are maintained. Some older packages 
may not be compatible with newer versions of Ruby and Rubylnstaller. 
Not sure what version to download? Please read the right column for 
Ruby 2.42-2 (x64) 
B Ruby 2.3S 
Ruby 

Machine generated alternative text:
Instanatön Destnatbn and Tasks 
wd Ruby 2.2.8-94-9-x64fito C:kk 
r to a dffemt 
•vod "y fouer Out cont&ns (e.g. Pies). 
C: W-by21.x€4 
@ Riby executae•s to PATH 
.rb rd .rb„•. Ruby 
Select to enable running your Ruby scripts by double clicking 
cr "rnpty typvng the script name at your shell prompt. This may 
affect existing Ruby installations. 
Recured 2 

* 1. Go back to that website and download

Development kit

For use with Ruby 2.0 to 2.3 (x64 - 64bits only)

* + [DevKit-mingw64-64-4.7.2-20130224-1432-sfx.exe](https://dl.bintray.com/oneclick/rubyinstaller/DevKit-mingw64-64-4.7.2-20130224-1432-sfx.exe)

Go to Downloads folder >and copy to the drive C:\ where is your Ruby install C:\Ruby24-x64

After completed cd to C:\>cd Ruby24-x64 >ruby dk.rb init

C:\>cd Ruby24-x64

C:\Ruby24-x64>ruby dk.rb init

[INFO] found RubyInstaller v2.3.3 at C:/Ruby23-x64

[INFO] found RubyInstaller v2.4.3 at C:/Ruby24-x64

Initialization complete!

C:\Ruby24-x64>ruby dk.rb install

Confirm that you are have that install correctly

C:\Users\Teacher>ruby -v

ruby 2.3.3p222 (2016-11-21 revision 56859) [x64-mingw32]

* + Install cucumber

C:\Ruby24-x64>gem install cucumber

Successfully installed cucumber-3.1.0

Parsing documentation for cucumber-3.1.0

Done installing documentation for cucumber after 2 seconds

1 gem installed

C:\Ruby24-x64>

* 1. Install RubyMine for your machine

<https://www.jetbrains.com/ruby/>

* 1. You will need ChromeDriver (be sure to take the latest chrome driver otherwise it's not gone work!

**For Windows And Mac**

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<https://sites.google.com/a/chromium.org/chromedriver/downloads>

6.<https://github.com/larate/automation_practical_sqa>

|  |
| --- |
|  |
| First, you https://gitscm.com |
|  | Install Git On Windows |
|  | Step 1: |
|  | To download the latest version of Git, |
|  | Download Git for Windows https://git-scm.com/download/win |
|  | Select Launch Git Bash and click on Finish. |
|  | Step 2: |
|  |  |
|  | git config --list |
|  | Now to check the version of Git installed we will use the command: |
|  | git --version |
|  |  |

7.

Machine generated alternative text:
Automation Pyramid 
PIT 
Integration 
Component Tests 
Unit Tests 
* Developed by Mike Cohn, described in his book Succeeding with Agile 

Cucumber Ruby Selenium API

Cucumber is BDD (all about collaboration)

Machine generated alternative text:
Cucumber Testing Stack 
Features 
-Scenarios 
-Steps 
-Gherkin 
Glue code 
-Step definitions 
Application 
-Ruby 
-Java 
-C# & others 

C:\Users\Teacher\Desktop\repos\practical-sqa>gem install bundler

C:\Users\Teacher\Desktop\repos\practical-sqa>bundle install

1. Create first file features

create a first scenario

**Feature:**Contactme

**Scenario:**Leaving a Comment

**Given**InavigatetoContactMepage

**When**IverifytheContactMepageloaded

**Then**Iwritemycomment"**Helloworld!ThisisSeleniumtest.**"

**And**Iinputmyname"**JohnSmith**"

**Then**Iinputmyemailaddress"**my.email@gmail.com**"

**And**Iinputmywebsiteurl"**www.my\_url.com**"

**Then**Ichecksubscribecheckbox

**And**IclickonPostCommentbutton

What Is a Regular Expression, Regexp, or Regex?

1. We nee to

From <<https://www.regexbuddy.com/regex.html>>

It is a reference to the current file name. In the file foo.rb, \_\_FILE\_\_ would be interpreted as "foo.rb".

With these files:

# test.rb  
puts \_\_FILE\_\_  
require './dir2/test.rb'

# dir2/test.rb  
puts \_\_FILE\_\_

Running ruby test.rb will output

test.rb  
/full/path/to/dir2/test.rb

From <<https://stackoverflow.com/questions/224379/what-does-file-mean-in-ruby>>

*driver\_path*=***File***.join(***File***.dirname(**\_\_FILE\_\_**),**".."**,**".."**,**"drivers"**,**"chromedriver.exe"**)

puts*driver\_path*

*Given*(**/**^InavigatetoContactMepage$**/**)**do**

**@browser**=***Selenium***::***WebDriver***.for**:chrome**,**driver\_path**:*driver\_path*

**@browser**.manage.timeouts.implicit\_wait=10

**@browser**.manage.timeouts.page\_load=10