Ruby-Capybara Installation Guide

You need to install the following packages before trying the web walkthrough in the events.

Xcode Installation

You are going to use **Homebrew** as a package management system. But most of its packages require a compiler. You can install the full **Xcode** or just **Command Line Tools** from the **App Store** or using the command below.

```
xcode-select --install
```

Homebrew Installation

A package management system makes installing packages much easier. Note that you do not need to install Homebrew to install the following languages or frameworks, but it is *convenient*.

You can find more detailed [Homebrew Installation instructions here](#). You can take a look at if you want.

Install homebrew with the following command:

```
/bin/bash -c "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

After the installation, enter this:

```
brew --version
```

You should see something similar to the one below If your installation is successful:

```
[→  ~ brew --version
Homebrew 4.0.20
Homebrew/homebrew-core (git revision 45a3934a0be; last commit 2023-05-06)
Homebrew/homebrew-cask (git revision 1d8d3adefa; last commit 2023-05-06)
→  ~ 
```

Ruby Installation

Next, you will install **rbenv** with its **ruby-build** plugin, which allows you to install more than one Ruby version on our machine and manage them easily. It is a light weighted and useful package. To install both of these:

```
brew install rbenv ruby-build
```

The command below gives you the instructions to load rbenv in your shell.

```
rbenv init
```

If you use bash as a shell, with the following command you can load rbenv in your shell.

```
eval "$(rbenv init -)" >> ~/.bash_profile
```

The next command reloads your .bash_profile so the changes take effect. Or you can simply close your terminal and open a new one.

```
source ~/.bash_profile
```

Now pick the preferred Ruby version by listing and choosing the version you want to work with. Note that Capybara supports Ruby version 3.0+ as of now. So make sure to install 3.0 or later version of it.

```
# lists all available versions
$ rbenv install -l
```

```
# install a Ruby version
$ rbenv install <package>
```

```
# check installed version
$ ruby -v
```

To make this Ruby version the default for your machine, use the command below:

```
rbenv global <version>
```

For the official and comprehensive installation guide, please refer to [this documentation](#).

Bundler Installation

RubyGems serves as a package manager for the Ruby programming language. It establishes a uniform method for distributing Ruby applications and libraries. The gems are simply open-source libraries that contain Ruby code and are packaged with a little extra data.

Bundler is a dependency management gem that allows you to list all required gems in a file and automatically download them. It also gives you the flexibility to declare gem versions.

Install the bundler with the command below:
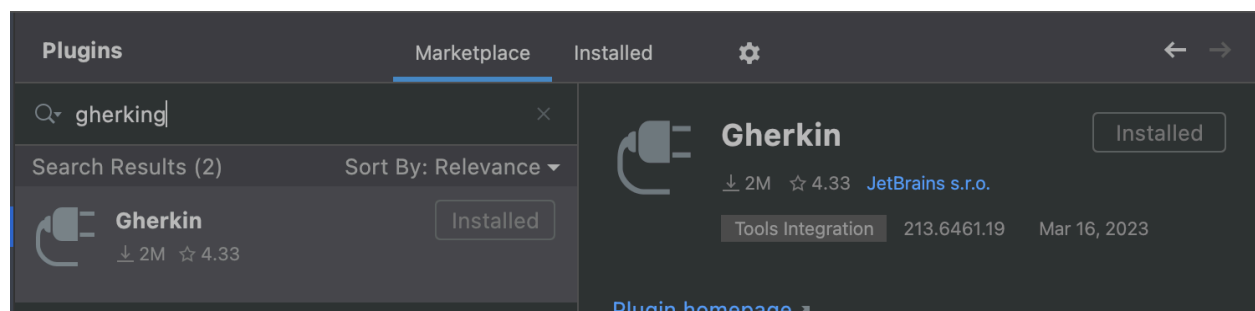
```
gem install bundler
```

RubyMine Installation

I am going to use **RubyMine** of **JetBrains** as my IDE but you can choose your own favorite tool. You can download RubyMine on this link, it is pretty straightforward.

Note that it gives a one-year license if you have an education e-mail. The community trial version gives you one month of trial license.

RubyMine Configuration

RubyMine => **Preferences** => **Plugins** and search for Gherkin. Install it.

Extra: Installing **Cucumber+** plugin makes it easy to execute scenario runs. You might find it useful as well.

Plugins   Marketplace   **Installed**   ⚙   Reset   ← →

🔍 cucumber   ✕   ⋮

Search Results (2)

Cucumber +   ☑
15.3.3 Maxime HAMM

Cucumber +   ⚙

Maxime HAMM   15.3.3

Enabled