



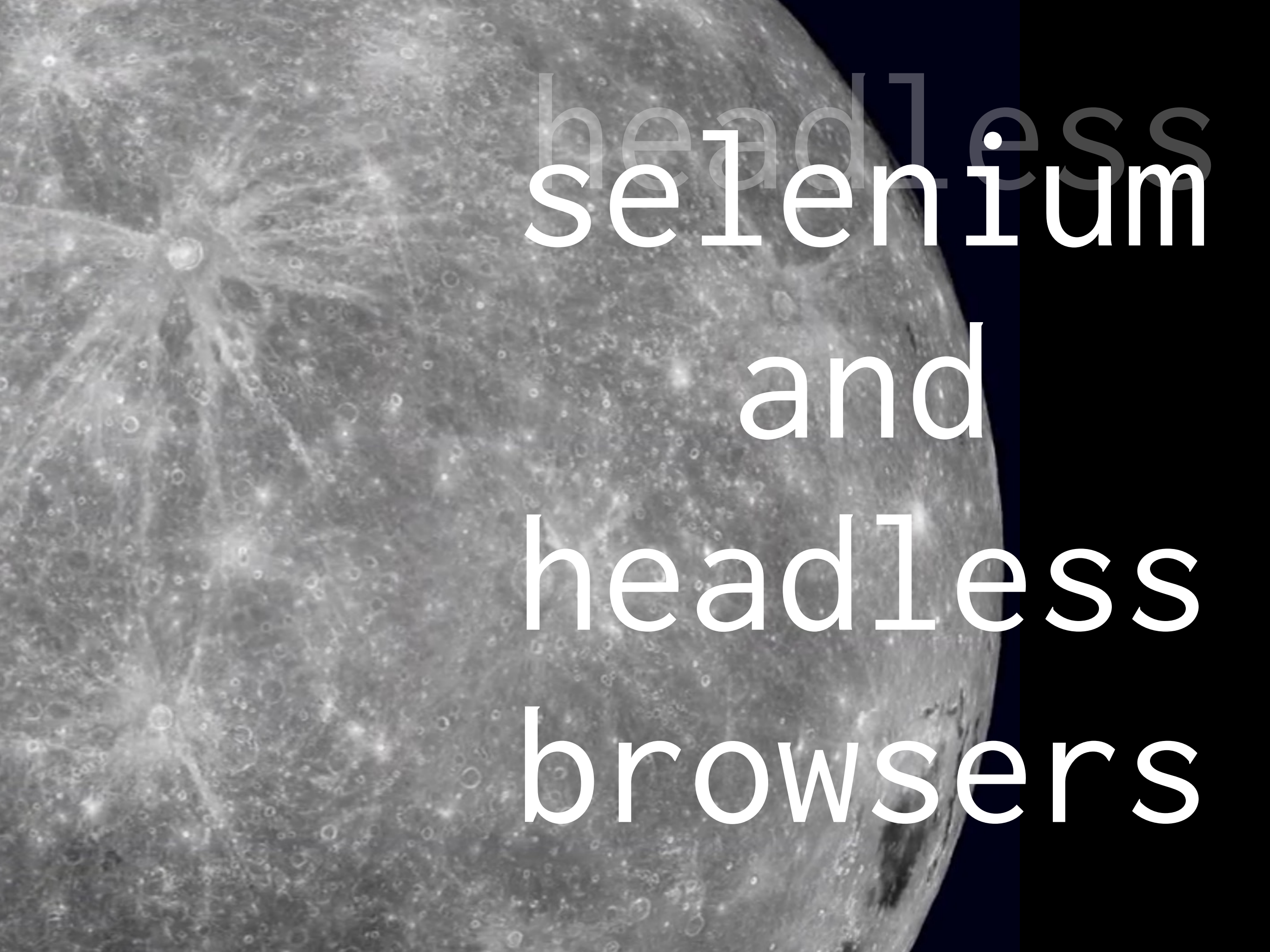
hiroshima.rb

#061

2018-01-25 19:00 Basset Café Nishi Hiroshima



headless



headless
selenium

and

headless

browsers



two use cases

- * integration testing

- * bridge building



* integration testing

* bridge building



* integration testing

* bridge building

* bridge building

```
require 'mechanize'
```

```
agent = Mechanize.new
```

```
page = agent.get('https://google.com/')
```

```
form = page.form('f')
```

```
form.q = 'hiroshima.rb'
```

```
page = agent.submit(form)
```

```
puts page.links.collect(&:text)
```

* bridge building

require 'mechanize'

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すべて ember.js

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JP Johnさん アカウント&リスト

プライム会員

検索結果 28 のうち 1-24件 "ember.js"

カテゴリ

洋書 >

- Computer Programming Language & Tool
- Introductory & Beginning Programming

Kindleストア >

- Web Development

+ 全5カテゴリ

絞り込み

配送オプション

☐ prime

配達日

☐ 本日中にお届け

Ember.js
Simple web app creation.
Learn Ember.js in a DAY!
Todd Abel

Ember.js: Simple web app creation. Learn Ember.js in a DAY! (Javascript Frameworks Book 2) (English Edition) 2016/3/17
Todd Abel

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* bridge building



* bridge building

```
require 'selenium-webdriver'
```

```
options = Selenium::WebDriver::Chrome::Options.new  
driver = Selenium::WebDriver.for(:chrome, options: options)
```

```
driver.navigate.to('https://google.com')
```

```
input = driver.find_element(:css, '#lst-ib')
```

```
input.send_keys('hiroshima.rb')
```

```
input.send_keys("\n")
```

```
driver
```

```
  .find_elements(:css, 'div.g h3 a')
```

```
  .each { |a| puts a.attribute('href') }
```


* bridge building

```
require 'selenium-webdriver'
```

```
options = Selenium::WebDriver::Options.new
```

```
driver = Selenium::WebDriver.new(options)
```

```
driver.get
```

```
input =
```

```
input.send_keys
```

```
input.send_keys
```

```
driver
```

```
.find_elements(:css, 'div.g h3 a')
```

```
.each { |a| puts a.attribute('href') }
```

source 'https://rubygems.org'

gem 'selenium-webdriver'

gem 'chromedriver-helper'

```
require 'selenium-webdriver'
```

```
headless = ENV['HEADLESS'] != 'false'
```

```
options = Selenium::WebDriver::Chrome::Options.new
```

```
if headless
```

```
  options.add_argument('--headless')
```

```
  options.add_argument('--disable-gpu')
```

```
  options.add_argument('window-size=1280x800')
```

```
end
```

```
driver = Selenium::WebDriver.for(:chrome, options: options)
```

```
driver.navigate.to('https://google.com')
```

```
input = driver.find_element(:css, '#lst-ib')
```

```
input.send_keys('hiroshima.rb')
```

```
input.send_keys("\n")
```

```
driver
```

```
  .find_elements(:css, 'div.g h3 a')
```

```
  .each { |a| puts a.attribute('href') }
```


* bridge building



```
require 'selenium-webdriver'
```

```
# brew install geckodriver
```

```
options = []
```

```
options = Selenium::WebDriver::Firefox::Options.new(args: options)
```

```
driver = Selenium::WebDriver.for(:firefox, options: options)
```

```
driver.get('https://google.com')
```

```
input = driver.find_element(:css, '#lst-ib')
```

```
input.send_keys('hiroshima.rb')
```

```
input.send_keys("\n")
```

```
sleep 2
```

```
driver
```

```
  .find_elements(:css, 'div.g h3 a')
```

```
  .each { |a| puts a.attribute('href') }
```




```
require 'selenium-webdriver'
```

```
# brew install geckodriver
```

```
options =
```

```
options = Selenium::WebDriver::Options.new(source: 'https://rubygems.org') (ons)
```

```
driver = Selenium::WebDriver.new(options)
```

```
driver.get('https://rubygems.org')
```

```
input = driver.find_element(:css, '#lst-ib')
```

```
input.send_keys('hiroshima.rb')
```

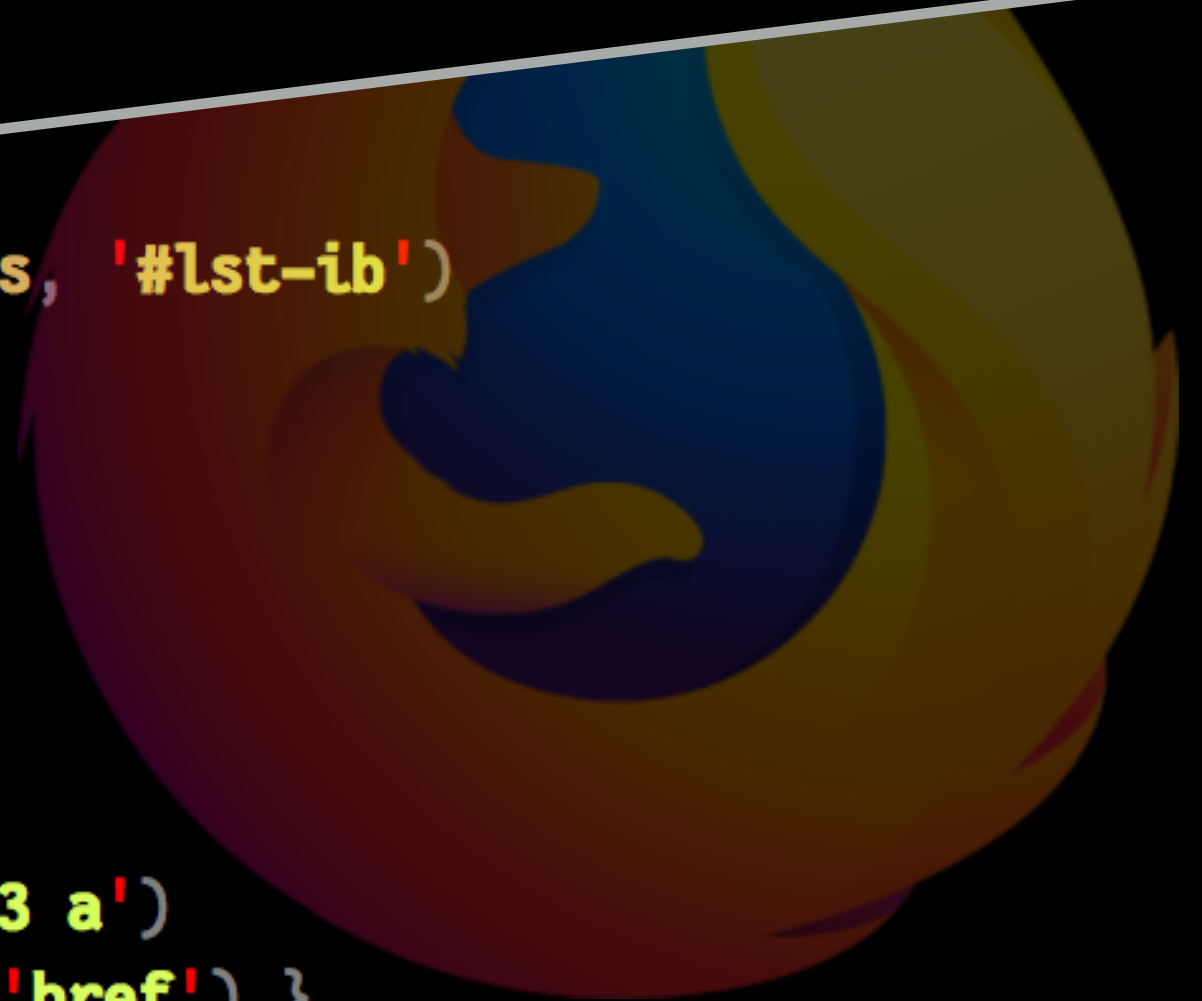
```
input.send_keys("\n")
```

```
sleep 2
```

```
driver
```

```
.find_elements(:css, 'div.g h3 a')
```

```
.each { |a| puts a.attribute('href') }
```



```
require 'selenium-webdriver'
```



```
headless = ENV['HEADLESS'] != 'false'
```

```
# brew install geckodriver
```

```
options = headless ? [ '-headless' ] : []
```

```
options = Selenium::WebDriver::Firefox::Options.new(args: options)
```

```
driver = Selenium::WebDriver.for(:firefox, options: options)
```

```
driver.get('https://google.com')
```

```
input = driver.find_element(:css, '#lst-ib')
```

```
sleep 1
```

```
input.send_keys('hiroshima.rb')
```

```
sleep 1
```

```
input.send_keys("\n")
```

```
sleep 2
```

```
driver
```

```
  .find_elements(:css, 'div.g h3 a')
```

```
  .each { |a| puts a.attribute('href') }
```

```
sleep 7 unless headless
```




Image Credit: NASA/Goddard Space Flight Center/Arizona State University
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