



Ruby Gems

Ruby Gems

bundler

```
gem install bundler
```

bundle init

Creates a Gemfile in your project

```
source "https://rubygems.org"
```

```
# gems go here
```

```
source "https://rubygems.org"  
gem 'sinatra', '~> 1.4', '>= 1.4.7'  
gem 'httparty'  
gem 'json'
```

bundle install


```
require 'bundler/setup'  
require 'chronic'  
require 'json'
```

httparty

```
gem install httparty
```

Call out to an API

```
g_url = 'https://api.github.com/users/colinloretz'  
response = HTTParty.get(g_url)  
puts response.body  
puts response.code
```

json

```
gem install json
```

Convert Ruby data to JSON

```
json = JSON.generate [1, 2, {"a"=>3.141}, false,  
true, nil, 4..10]  
# => "[1,2,{\"a\":3.141},false,true,null,\"4..10\"]"
```

Convert JSON to Ruby

```
json = JSON.parse "[1,2,{\"a\":  
3.141},false,true,null,\"4..10\"]"  
# => [1, 2, {"a"=>3.141}, false, true, nil, 4..10]
```


chronic

```
gem install chronic
```

```
require 'chronic'
```

```
Time.now
```

```
#=> Sun Aug 27 23:18:25 PDT 2006
```

```
Chronic.parse('tomorrow')
```

```
#=> Mon Aug 28 12:00:00 PDT 2006
```

```
Chronic.parse('this tuesday 5:00')
```

```
#=> Tue Aug 29 17:00:00 PDT 2006
```

sinatra

A lightweight web-server

```
require 'sinatra'
```

```
get '/'
```

```
  "Hello"
```

```
end
```

```
get '/login'
```

```
  "I'm a login page"
```

```
end
```

Gemfile

server.rb

index.html

/public

/bower-components

```
require 'sinatra'
```

```
get '/'  
  "Hello"
```

```
end
```

```
get '/login'  
  send_file 'index.html'  
end
```



```
require 'sinatra'
```

```
get '/'  
  "Hello"
```

```
end
```

```
post '/contact'  
  # send an email
```

```
end
```

rails

We start Rails next week!