

# Sinatra

by

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# Sinatra.rb

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Code

```
require 'rubygems'  
require 'sinatra'
```

```
get '/hi' do  
  "Hello World!"  
end
```

# Smoke



ruby hi.rb





# REST





# Example

```
get '/' do
  .. show something ..
end
```

```
post '/' do
  .. create something ..
end
```

```
put '/' do
  .. update something ..
end
```

```
delete '/' do
  .. annihilate something ..
end
```





Ruby



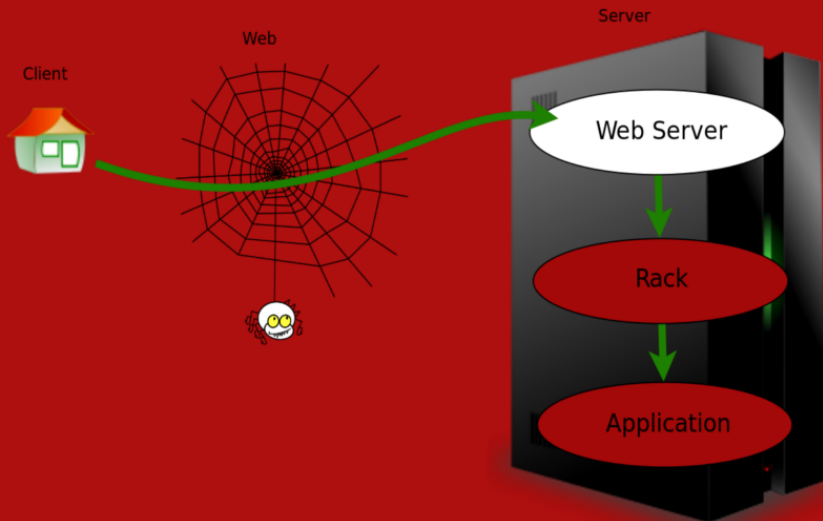


**rack**  
powers web applications

# Rack



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```
HTTP_HOST: localhost:4567
HTTP_VERSION: HTTP/1.1
HTTP_DATE: Thu, 29 Apr 2010 07:33:25 GMT
REQUEST_METHOD: GET
REQUEST_PATH: /
SERVER_PROTOCOL: HTTP/1.1
SERVER_NAME: localhost
REMOTE_ADDR: 127.0.0.1
PATH_INFO: /
REQUEST_URI: /
SERVER_PORT: "4567"
```



**rack**  
powers web applications

```
rack.url_scheme: http
rack.run_once: false
SERVER_SOFTWARE: thin 1.2.5 codename
This Is Not A Web Server
SCRIPT_NAME: ""
rack.multithread: false
rack.multiprocess: false
rack.request.query_hash: {}
rack.request.query_string: ""
QUERY_STRING: ""
GATEWAY_INTERFACE: CGI/1.2
rack.input: !ruby/object:StringIO {}
```



**rack**  
powers web applications

# Why Rack?



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powers web applications

### Supported web servers

- \* Mongrel
- \* EventedMongrel
- \* SwiftliedMongrel
- \* WEBrick
- \* FCGI
- \* CGI
- \* SCGI
- \* LiteSpeed
- \* Thin
- \* Ebb
- \* Fuzed
- \* Glassfish v3
- \* Phusion Passenger (which is mod\_rack for Apache and for nginx)
- \* Rainbows!
- \* Unicorn
- \* Zbatory







**rack**  
powers web applications

- \* `Camping` <-----
- \* `Coset`
- \* `Halcyon`
- \* `Mack`
- \* `Maveric`
- \* `Merb`
- \* `Racktools::SimpleApplication`
- \* `Ramaze`
- \* `Ruby on Rails` <-----
- \* `Rum`
- \* `Sinatra` <-----
- \* `Sin`
- \* `Vintage`
- \* `Waves`
- \* `Wee`
- \* ... and many, many, many others.



**Sinatra.rb**

