

# Aplikacje webowe dla minimalistów

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# Ruby on Rails

Sustainable productivity for web-application development

**CVE-2013-0156**



0 km/h

Fuel 12.05  
outside 19.5°C

P

Makuhari Messe  
12 km 1224

TRIP  
00251 km

24.5°C

NISSAN



SYND

SYND

H&R  
HI-IDE

WEAPON  
Borla  
EXHAUST

**Less is more**

**Sinatra**



**DSL for webapps**

# Hello World!

```
$ gem install sinatra
```

```
require 'sinatra'  
get '/' do  
  "Hello World!"  
end
```

```
$ ruby hello.rb  
== Sinatra has taken the stage ...  
>> Listening on 0.0.0.0:4567
```



# Routing

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

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

```
get '/hello/:name' do
  "Hello #{params[:name]}!"
end
```

```
get '/foo', :agent => /mobile/ do
  .. mobile version ..
end
```

# Response

```
get '/' do
  erb :index
end
```

```
get '/posts' do
  erb :list, :layout => :post
end
```

```
get '/:id' do
  @foo = Foo.find(params[:id])
  erb :index
end
```

# Filters

```
before do
  @title = 'Example'
  expires 500, :public, :must_revalidate
end
```

```
before '/admin/*' do
  authenticate!
end
```

```
after '/create/:slug' do
  session[:last_slug] = params[:slug]
end
```

# Helpers

```
helpers do
```

```
  def title(suffix)
```

```
    "Title : #{suffix}"
```

```
  end
```

```
end
```

```
get '/:name' do
```

```
  @title = title('My Page')
```

```
end
```

```
<title><%= title('Example') %></title>
```

# Redirects

```
get '/foo' do
  redirect to('/bar')
end
```

```
get '/bar' do
  redirect to('/baz'), 302
end
```

```
post '/baz' do
  redirect back
end
```

# Sending files

```
get '/foo' do
  send_file 'foo.png'
end
```

```
get '/bar' do
  attachment "info.txt"
  "store it!"
end
```

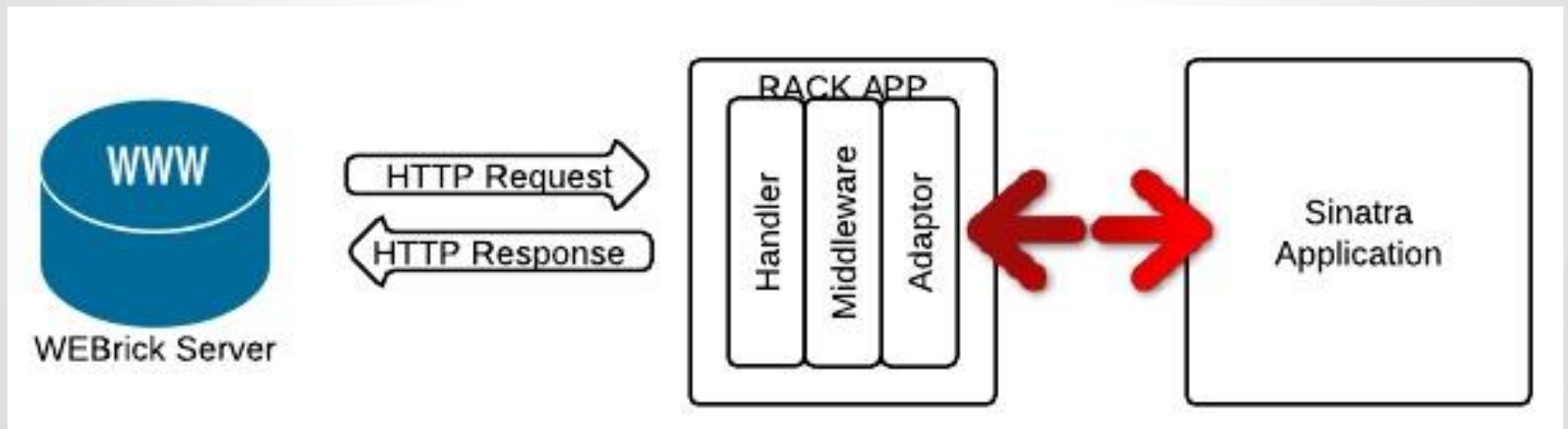
# Modular style

```
class MyApp < Sinatra::Base
  set :sessions, true
  set :foo, 'bar'

  get '/' do
    'Hello world!'
  end
end
```

# Rack

*interface between webservers supporting Ruby  
and Ruby frameworks*





# Rack : : Protection

- AuthenticityToken
- FormToken
- JsonCsrf
- RemoteReferrer
- RemoteToken
- HttpOrigin
- EscapedParams
- XSSHeader
- FrameOptions
- PathTraversal
- SessionHijacking
- IPSpoofing

# Sinatra is not a framework!

- ORM
- Assets pipelines
- Form helpers
- Text helpers
- Mailers
- Cache
- Console
- I18n
- Generators

# Sinatra is DSL for webapps

- small code ~2k LOC
- speed
- simplicity
- lightness
- versatility

# Sinatra is good for...

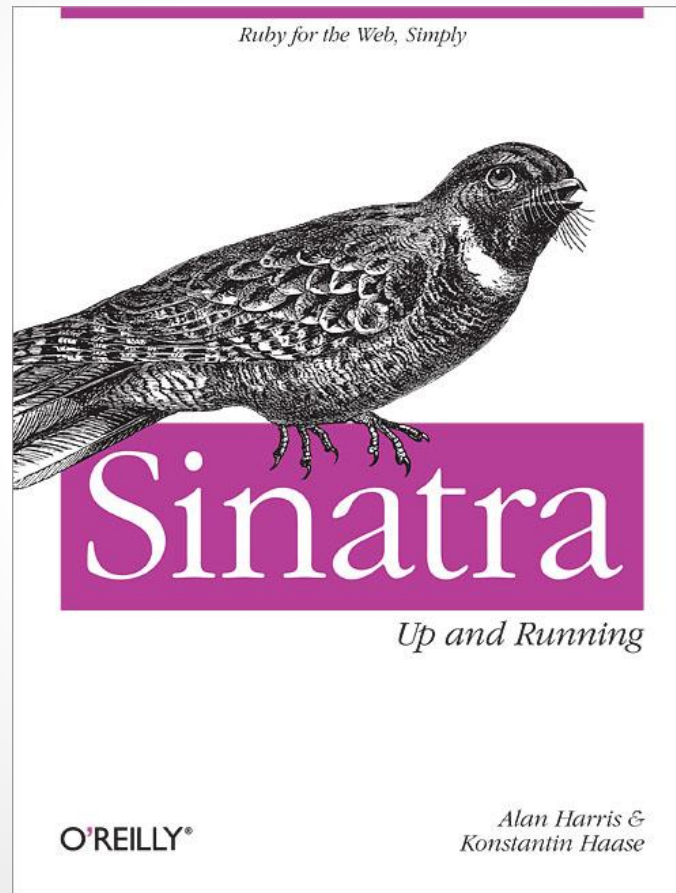
- Small apps
- Landing pages
- APIs
- Delivery mechanism
- "Ruby for the Web, Simply"

Who is using Sinatra?



**Demo**

[www.sinatrarb.com](http://www.sinatrarb.com)



**Pytania?**



**Dziękuję za uwagę :) )**