

Ruby on Rails

Don't miss the train!

Stijn Mathysen

Agenda

- Ruby on Rails basis
- Live coding

Ruby on Rails

Wat is het niet?

Ruby on Rails

Ruby	Rails
Taal	Framework
PHP	CakePHP
PHP	CodeIgniter
Javascript	Prototype
Javascript	jQuery
Java	Struts
Python	Django

Yukihiro Matsumoto

- “Matz”
- Ruby
- Perl, Smalltalk, Eiffel, Ada, and Lisp
- 1995



Dave Thomas

- Pragmatic Programmers
- Pickaxe
 - 1st edition (2000)
 - 2nd edition (2004)
 - 3rd edition (2008)

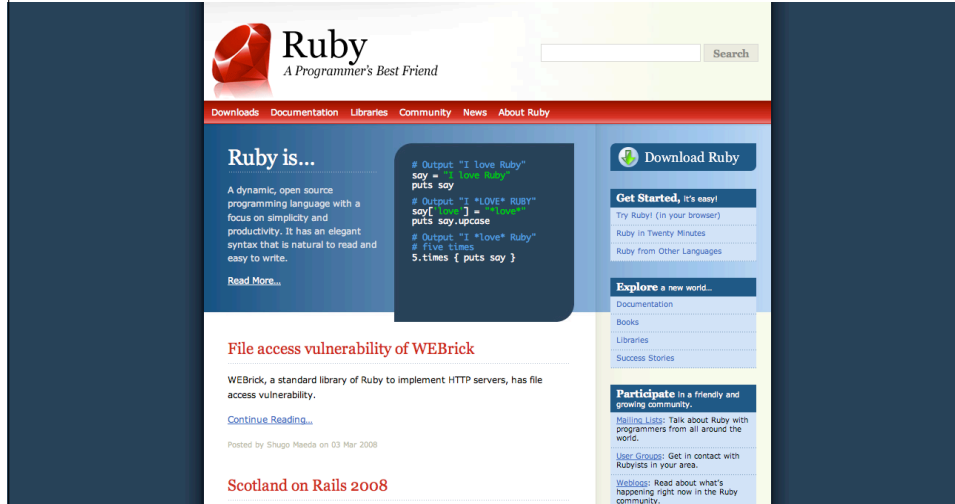


David Heinemeier Hansson

- “DHH”
- Basecamp
- Rails
- 2004



Ruby




The screenshot shows the Ruby website homepage. At the top, there is a large 'Ruby' logo with the tagline 'A Programmer's Best Friend'. Below the logo is a search bar and a navigation menu with links for Downloads, Documentation, Libraries, Community, News, and About Ruby. The main content area is divided into several sections: 'Ruby is...' with a description and a 'Read More...' link; a code block showing Ruby code and its output; 'Download Ruby' with a 'Get Started, it's easy!' section; 'Explore a new world...' with links to Documentation, Books, Libraries, and Success Stories; and 'Participate in a friendly and growing community' with links to Mailing Lists, User Groups, and Weblogs. A featured article titled 'File access vulnerability of WEBrick' is also visible, along with a link to 'Scotland on Rails 2008'.

Ruby

- Platform onafhankelijk
- Object georiënteerd
- Plugins (gems)
- Flexibel

Rails

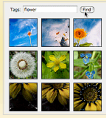



Overview | [Screenscasts](#) | [Download](#) | [Documentation](#) | [Weblog](#) | [Community](#) | [Source](#)



Web development that doesn't hurt

Ruby on Rails[®] is an open-source web framework that's optimized for programmer happiness and sustainable productivity. It lets you write beautiful code by favoring convention over configuration.

[Rails 2.0.2: Some new defaults and a few fixes](#), [Rails 2.0: It's done!](#), [Rails 1.2.6: Maintenance](#)

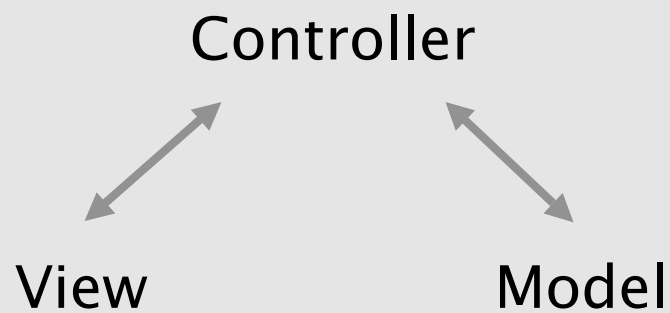
<h3>Get Excited</h3>  <p><small>Screenscasts & presentations</small></p>	<h3>Get Started</h3>  <p><small>Released December 17, 2007</small></p>	<h3>Get Better</h3>  <p><small>API, Books, tutorials, samples</small></p>	<h3>Get Involved</h3>  <p><small>Join the community</small></p>
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"Before Ruby on Rails, web programming required a lot of verbiage, steps and time. Now, web designers and software engineers can develop a website much faster and more simply, enabling them to be more productive and effective in their work."
-Bruce Perens, Open Source Luminary
[Read more quotes](#)

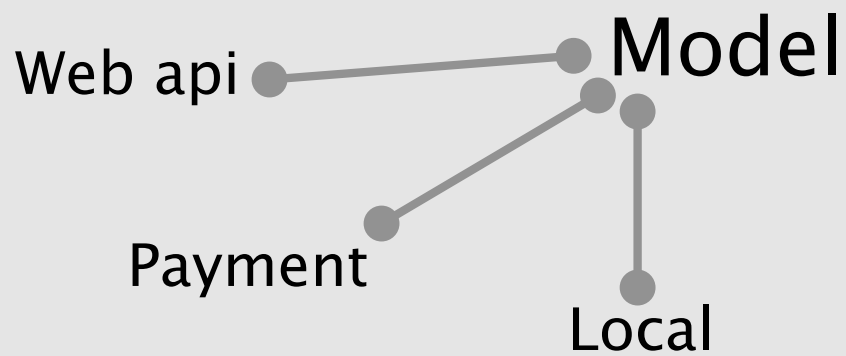
Rails

- Organisation
- Good practices
- Tools
- Community
- Magic

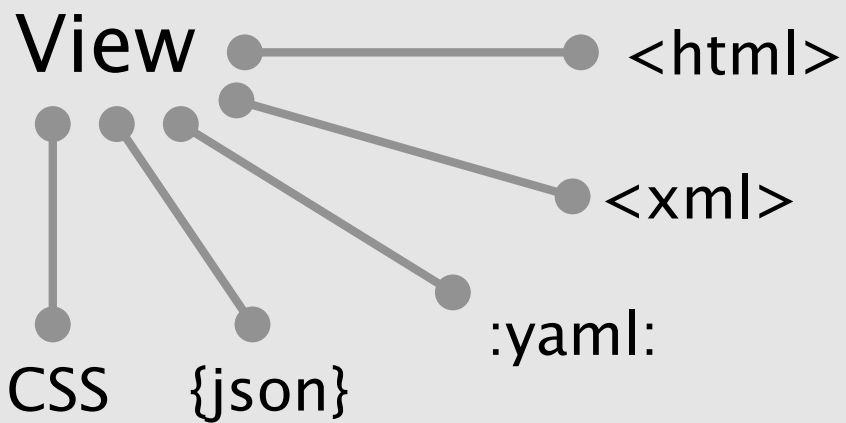
MVC Architecture



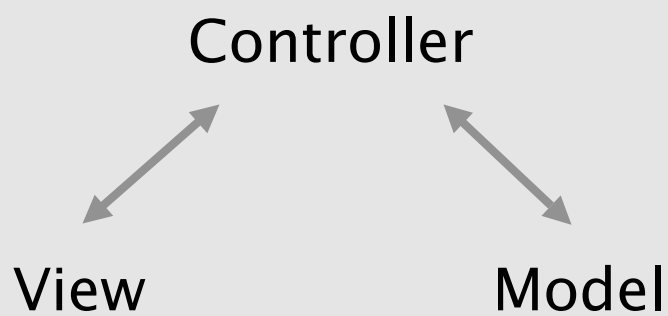
MVC Architecture



MVC Architecture



MVC Architecture

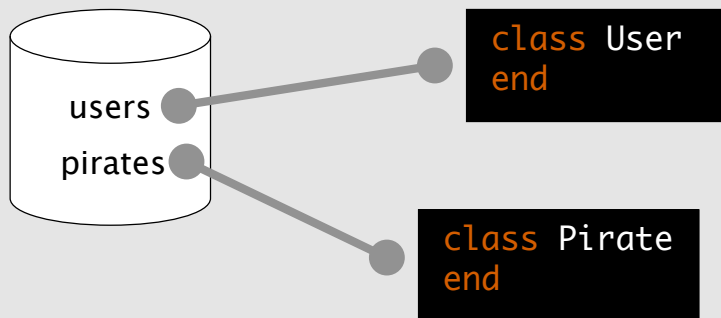


Routing

http://localhost:3000/demo/hello/1



Object Relational Mapping



REST

method	verb	path	action
<i>plural_path</i>	GET	/projects	index
<i>singular_path(id)</i>	GET	/projects/1	show
<i>new_singular_path</i>	GET	/projects/new	new
<i>plural_path</i>	POST	/projects	create
<i>edit_singular_path(id)</i>	GET	/projects/1/edit	edit
<i>singular_path(id)</i>	PUT	/projects/1	update
<i>singular_path(id)</i>	DELETE	/projects/1	delete

Deployment

- Development, Test, Production
- Capistrano
- Webserver <=> mongrel <=> rails
- mod_rubinius
- mod_rails

Bronmateriaal

- <http://www.ruby-lang.org>
- <http://www.rubyonrails.com>
- <http://www.peepcode.com>
- <http://2008.rubyenrails.nl>
- <http://railscasts.com/>



Q & A

Dank!

Stijn Mathysen

stijn@skylight.be

GSM: +32 (0)496 23 66 23

Whiteboard