

SHORTCUT



Rails without Active Record - a car without wheels?

Marius Mårnes Mathiesen, Shortcut AS



The case



Eiendom

Jobb

Motor

Båt

Reise

Bruktmarked

Sett inn annonse

Min tinde

Eiendomsmarkedet

leilighet gamle oslo 3 soverom

Søk i eiendom

Listevisning

Kartvisning

Min tinde (0)

Antall pr. side:

10

Sorter listen etter:

Pris (stigende)

Annonsetype

Bolig til leie	(24)
Bolig til salgs	(252)
Fritidsbolig til leie	(1)
Fritidsbolig til salgs	(4)
Nye boliger	(3)
Næringsseiendom til salgs	(1)

Sted

Boligtype

Soverom

Publisert

Pris

Boligareal



Leilighet, Gamle Oslo

Tøyenbekken 6, 0190, OSLO

Pris:	kr. 3 350 000,-
Areal:	87 m ²
Soverom:	3
Byggeår:	2006
Publisert:	22.02.2008



Legg i min tinde



Leilighet, Gamle Oslo

Jens Bjelkesgate 47 B, 0578, OSLO

Pris:	kr. 2 250 000,-
Areal:	73 m ²
Soverom:	1
Byggeår:	1899
Publisert:	30.03.2008

Annonser

Drømmer du om din egen feriebolig i utlandet?

Villa på Algarve kysten, leilighet med havutsikt i Spania eller kanskje et beach house i Thailand? Gjør et kupp og realisér dine drømmer nå. Søk etter din feriebolig her.

Interaktive verktøy

Design din egen garasje terrasse eller baderom her!

Se byggevarer

Se oppussingstips

Gi verdens fattigste barn et verdig liv

For bare kr 249 per mnd. kan du bli fadder for en gutt eller jente og sørge for at et av verdens fattigste barn får et verdig liv. Les mer om Plan Norge her.

(Re)launched
April 1st

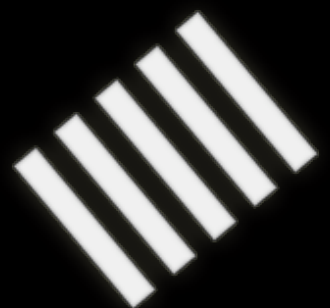


8 Ruby developers

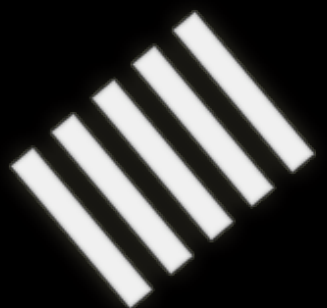




**3(4) x 3
week sprints**



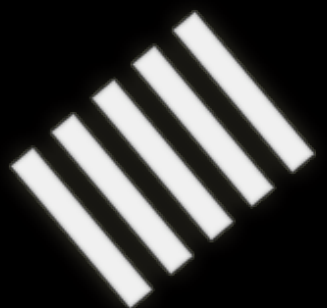
used to be
50.000 LOC



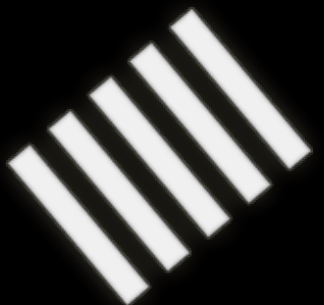
More like
20.000 now



Enterprise search engine from **Fast**



(no pun intended)



Listevisning

Kartvisning

Min tinde (0)

Antall pr.side:

10

Sorter listen etter:

Pris (synkende)

Dine valg: (22)

- Oslo/Gamle Oslo
- Leilighet
- 2.0 - 2.5 mill

Soverom ▼

- Ukjent (8)
- 1 soverom (4)
- 2 soverom (8)
- 3-4 soverom (2)

Publisert ▶

Pris ▶

Boligareal ▶

Visning ▶

Nøkkelord ▶



Leilighet, Gamle Oslo
Jens Bjelkesgate 47 B, 057

Pris: kr. 2 250 000
Areal: 73 m²
Soverom: 1
Byggeår: 1899
Publisert: 30.03.2008

TERRA



Leilighet, Gamle Oslo
St. Halvardsgt. 25 A, 0192,

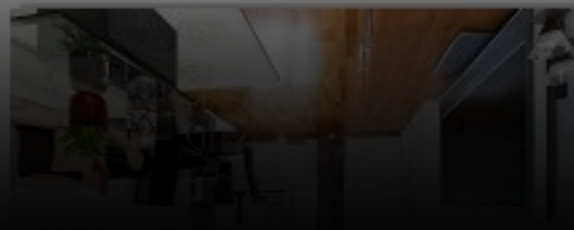
Pris: kr. 2 080 000
Areal: 63 m²
Soverom: 2
Byggeår: 1951
Publisert: 17.03.2008

VESTVENDT

Nøkkelord ▶

Visning ▶

Boligareal ▶



VESTVENDT

Publisert: 17.03.2008
Byggeår: 1899
Soverom: 1
Areal: 73 m²

Listevisning

Kartvisning

Min tinde (0)

Antall pr. side:

10

Sorter listen etter:

Pris (synkende)

Dine valg: (22)

- Oslo/Gamle Oslo
- Leilighet
- 2.0 - 2.5 mill

Soverom

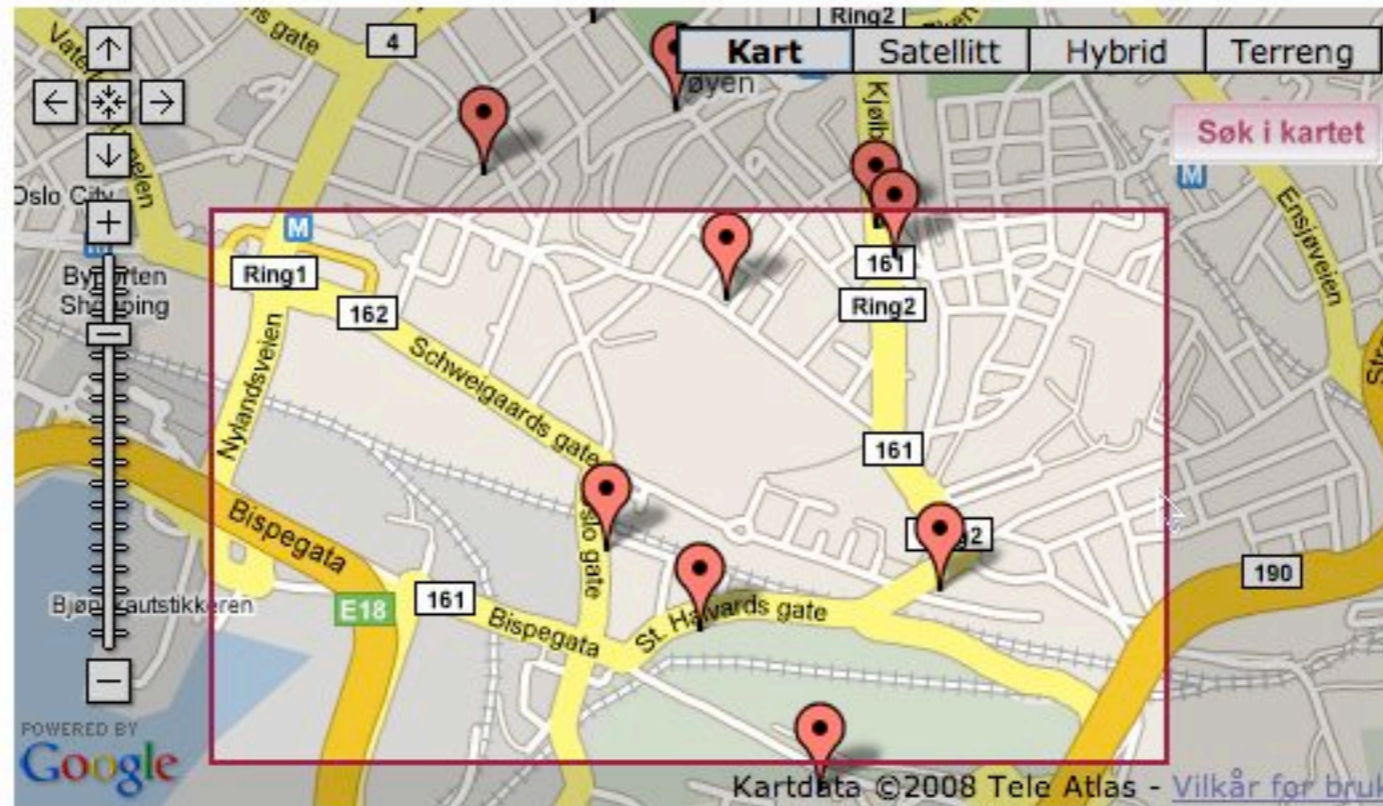
- Ukjent (8)
- 1 soverom (4)
- 2 soverom (8)
- 3-4 soverom (2)

Publisert

Pris

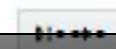
Boligareal

Visning



1-10 av 22 treff.

1 2 3
4 5 6



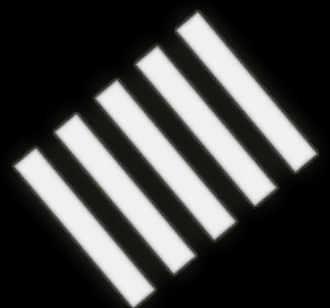
1-10 av 22 treff.

Kartdata ©2008 Tele Atlas - Vilkår for bruk

**About 100.000 unique
visitors/wk**



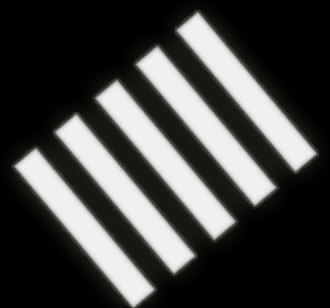
280.000 prospect views
the first day



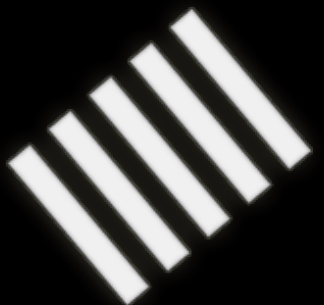
Our database



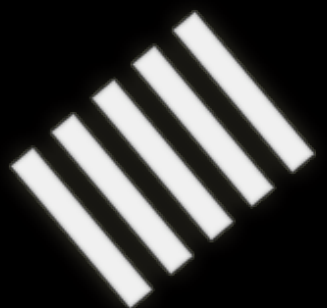
```
- <originalQuery httpParam="querystring=&offset=0&vertical=tinde-motor" >
  <attribute key="querystring"/>
  <attribute key="sortorder"/>
  <attribute key="navigators"/>
  <attribute key="offset">0</attribute>
  <attribute key="sortby"/>
  <attribute key="vertical">tinde-motor</attribute>
</originalQuery>
- <resultSegment name="tinde-motor" status="COMPLETED" originalQuery="querystring=&offset=0&vertical=tinde
- <resultPage>
  - <queryTransformations>
    <queryTransformation name="noHits" action="SUGGEST" type="RESET_HITS" messageId="0" offsetSta
    label="" httpParam="querystring=&offset=0&vertical=tinde-motor"/>
    <queryTransformation name="sortByPriceAsc" action="SUGGEST" type="MODIFIED_SORTING" custom
    pageNumber="0" offsetEnd="10" label="" httpParam="querystring=&offset=0&sortby=%2Biprice&vertical=
    <queryTransformation name="sortByPriceDesc" action="SUGGEST" type="MODIFIED_SORTING" custom
    pageNumber="0" offsetEnd="10" label="" httpParam="querystring=&offset=0&sortby=-iprice&vertical=tinde
    <queryTransformation name="sortByYearDesc" action="SUGGEST" type="MODIFIED_SORTING" custom
    pageNumber="0" offsetEnd="10" label="" httpParam="querystring=&offset=0&sortby=-igeneric1&vertical=
```



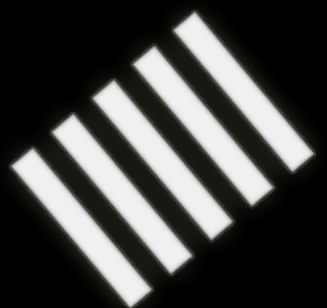
[recap]



ActionPack



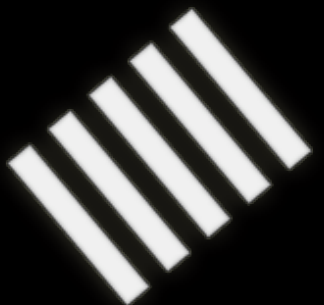
ActionMailer



ActiveRecord



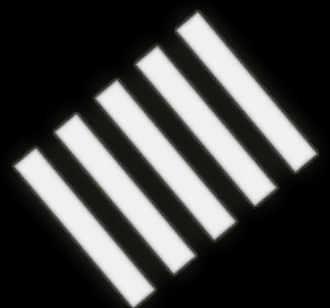
ActiveResource



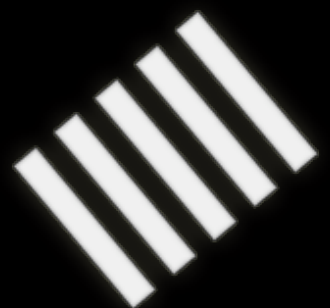
**ActiveResource is a
really great idea**



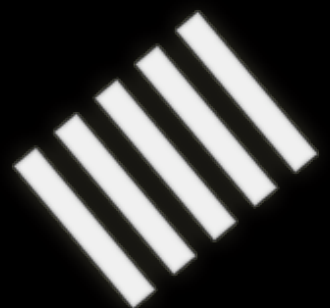
**... but not always
possible...**



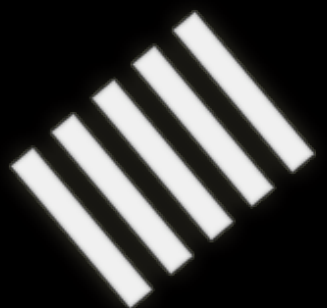
**Which part of Rails
convinced you?**



**I bet it wasn't
ActionMailer**



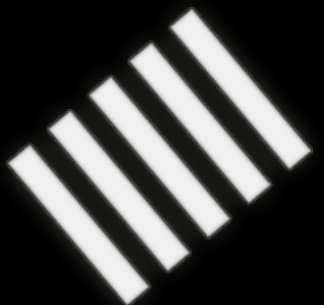
ActiveRecord



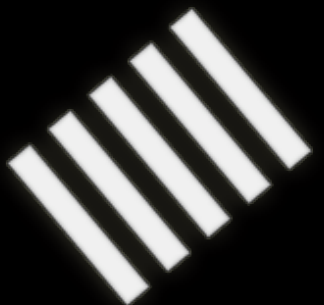
```
me = Person.find(:first)
my_family = Person.find_by_last_name(me.last_name)
```



```
class Article < ActiveRecord::Base
  belongs_to :blog
  has_many :comments
end
```



```
ItIs(:no).conincidence.that.rubyists.care do |about|  
  the(Color::THEME).of their_editors  
end
```



ALL YOU NEED IS
LOVE THE BEATLES



thi



When what we fell in love
with was this...

```
class Article < ActiveRecord::Base  
  belongs_to :blog  
  has_many :comments  
end
```

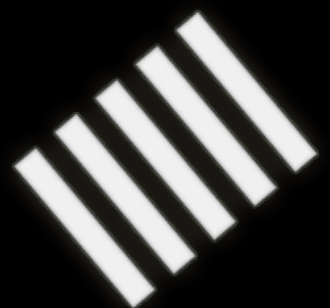
...how did we end up with this?

```
class Car
  def initialize
    url = URI.parse("http://somewhere.com/cgi-bin/api/some/urls_really_are_long?with&a&lot&of&parameters")
    http = Net::HTTP.start(url.host,url.port)
    res = http.head(url.path)
    req = Net::HTTP.Get.new(url.path + (url.query.blank? ? "" : "?" + url.query))
    req.basic_auth(user,pass)
    response = http.request(req)
    data = response.body
    xml_document = XML::Api.parse(data)
    # First name
    first_name = xml_document.xpath("//some/ridiculously/long[complex='true']/xpath").content.split(" ").first
    # Last name
    last_name = xml_document.xpath("//some/ridiculously/long[complex='true']/xpath").content.split(" ").last
  end
end
```

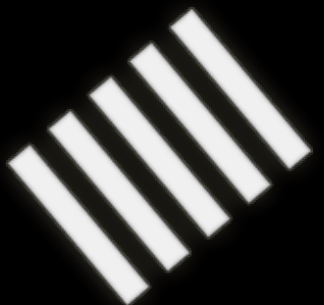



celonville

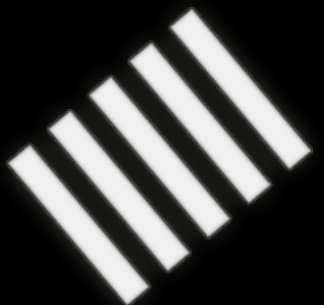
I'm not
smart enough



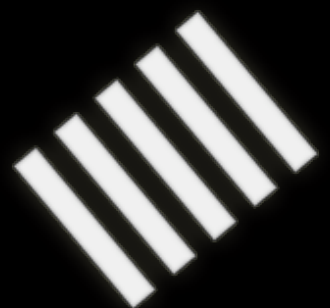
**I don't know Ruby well
enough**



**There isn't time to do it
better**



My situation
is special



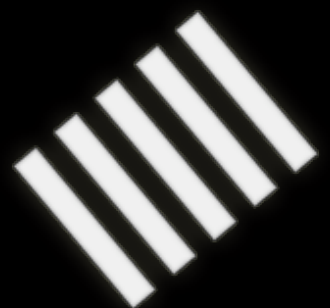
Next time



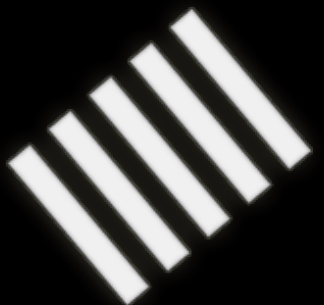


Bullshit

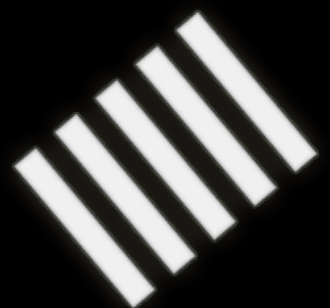
**DHH was 24 when he
wrote Rails**



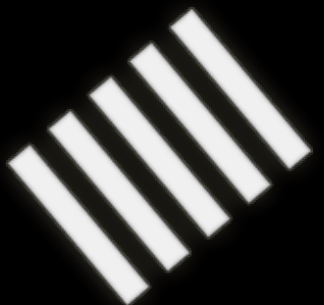
He learned Ruby
in the process



You know what you
want **your code** to look
like



```
recent_cars = Car.find(:all, :conditions => :updated_at > 2.days.ago)
```

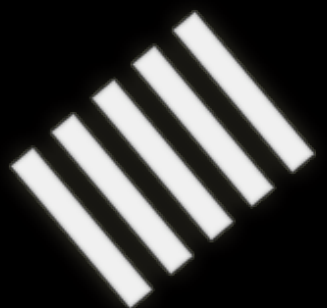


and still

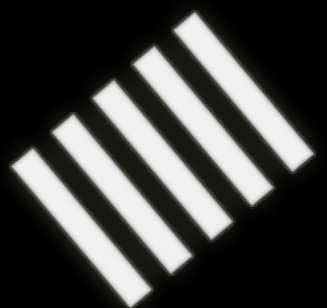


```
url = "http://some.host.com/api/cars/all_cars.cgi?updated_since=20070109&limit=10&count=10"
#<?xml version="1.0" encoding="utf-8">
#<cars>
#  <car>
#    <make>Audi</make>
#    <model>A3</model>
#  </car>
#  <car>
#    <make>Volkswagen</make>
#    <model>Golf</model>
#  </car>
#</cars>
```

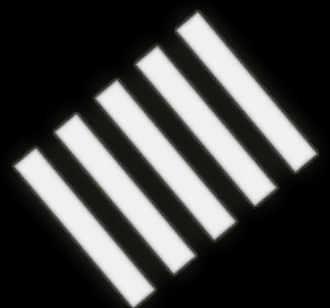
```
xml_data = XMLParser.new(open(url).read)
make = xml_data.find("/cars/car/make").content
model = xml_data.find("/cars/car/model").content
```



There's HTTP



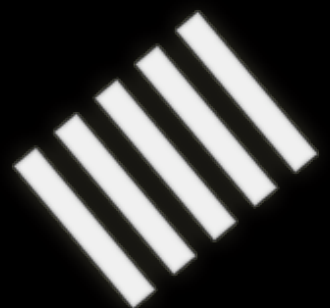
And XML



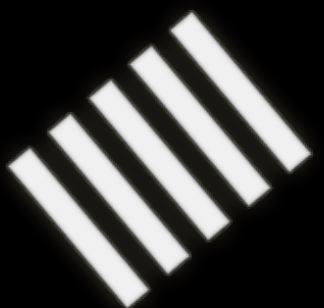
Malformed XML



The APIs really aren't
RESTful

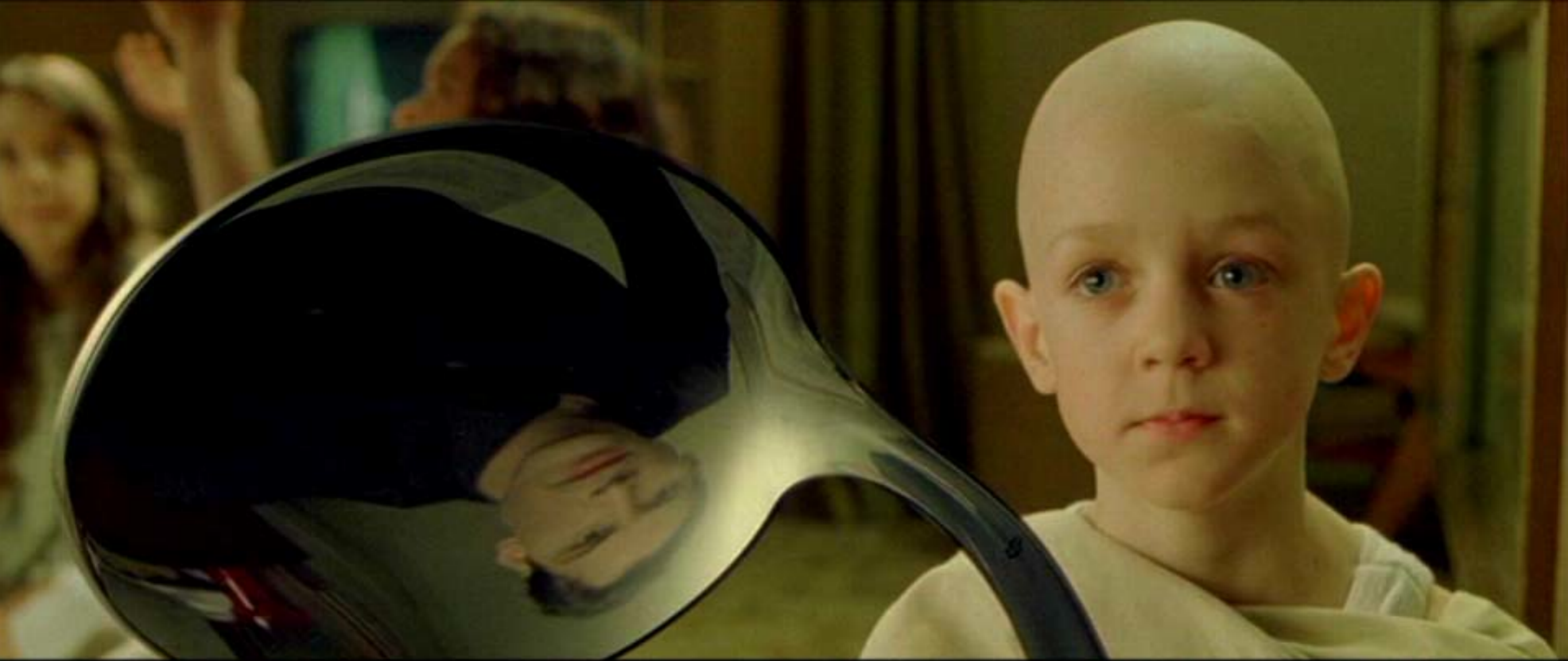


There's authentication



And firewalls





There is no spoon



programmed in.

Sean Russell, author of REXML



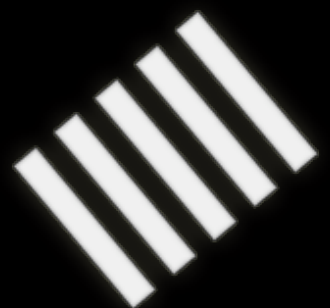
**Pretend
there is
no XML,
no HTTP,
no firewall.**

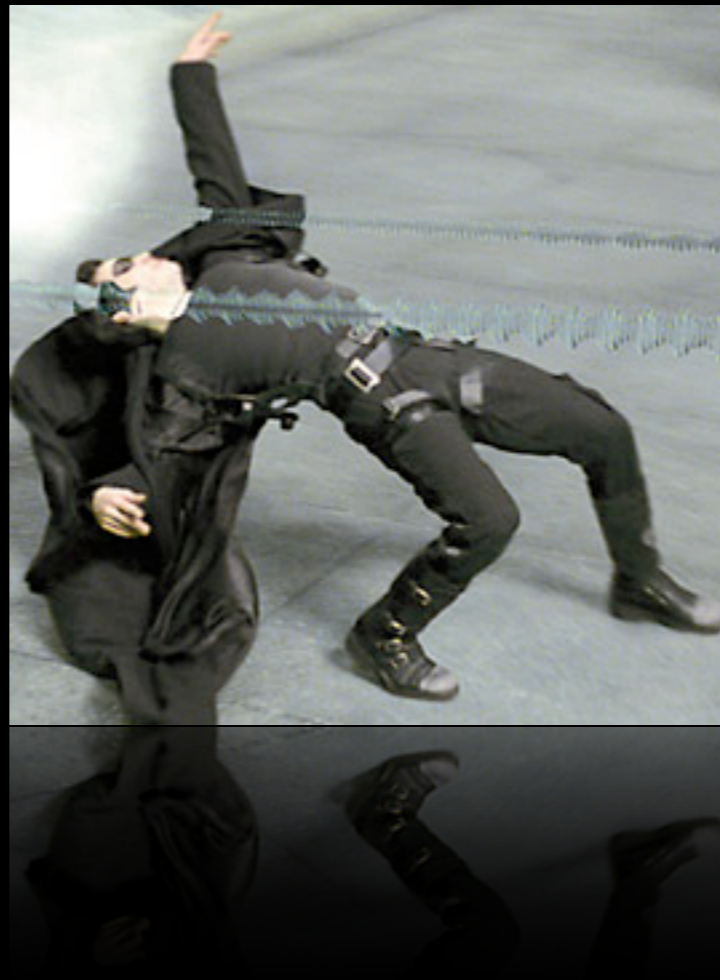


Just you.



And Ruby



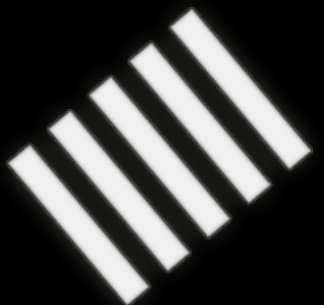


```
recent_cars = Car.find(:all, :conditions => :updated_at > 2.days.ago)
```

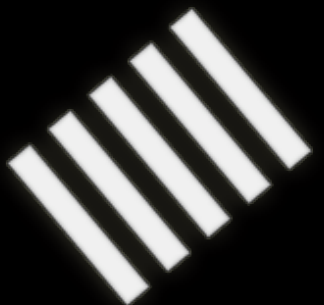
```
class CarsController < ApplicationController
  def index
    @cars = Car.find(:all)
  end
  def create
    @car = Car.create!(params[:car])
  end
  def update
    @car = Car.find(params[:id])
    @car.update_attributes(params[:car])
  end
end
```

```
class Car < AbsolutelyNotActiveRecord::Base
  before_save :update_registration
  validates_presence_of :make, :model
end
```

**Don't think about XML
until you have to**



</talk>



<code>





?