Co nowego w Rails 3?

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CHANGE
AHEAD

Po co nowe Railsy?

RailPictures.Net - Image Copyright © Piotr Przybyla

Przecież wszyscy lubimy stare!

nowe routes

```
resources :post do
  resources :coments
  resources :spams
end

root :to => 'home#index'

match '/login',
  :to => 'sessions#new',
  :as => login
```

unobtusive Javascript

HTML 5

Rails2

```
= remote_form_for @user do
  ...
end
```

Rails3

```
= form_for @user,
  :remote => true do
   ....
end
```

```
<form action=”/smthg”
class=”new_thing”
data-remote=”true”
id=”new_thing” method=”post”>
```

nowe Action Mailer API

```
def new_spam( user )
  mail( :to => user.mail,
  :from => 'reply@example.com',
  :subject => 'Enlarge!')
end
```

UserMailer.new_spam(user).deliver

No more magic!

Bundler

Gemfile

```
source 'http://gemcutter.org'
source 'http://other.com'

gem 'xxx', '0.1.1',
  :require => 'xxx'
gem 'aws-s3',
  :require => 'aws/s3'
```

redesigned ActiveRecord

Moduły:

Walidacja
Serializacja
Callbacks
Translation
State Machine
etc.

```
class Song
  include ActiveModel::Validations

  validates_presence_of :title
end

s = Song.new
s.valid? #false
s.title = 'narhwals'
s.valid? #true
```

```
class Song
  include ActiveModel::Callbacks
  define_model_callbacks :play
end

def play
  _run_play_callback do
    puts 'start playing'
  end
end

_before_play_callback,
_around_play_callback
```

```
before_play :do_this_before
after_play :do_this_after

def do_this_before
  ...
end

def do_this_after
  ...
end
```

Nowe API

```
User.order('users.id DESC').limit(20).includes(:items)
```

```
find
first
all
count
calculate
sum
average
maximum
minimum
update_all
```

Nowe funkcje:

limit
order
include
where
select
joins

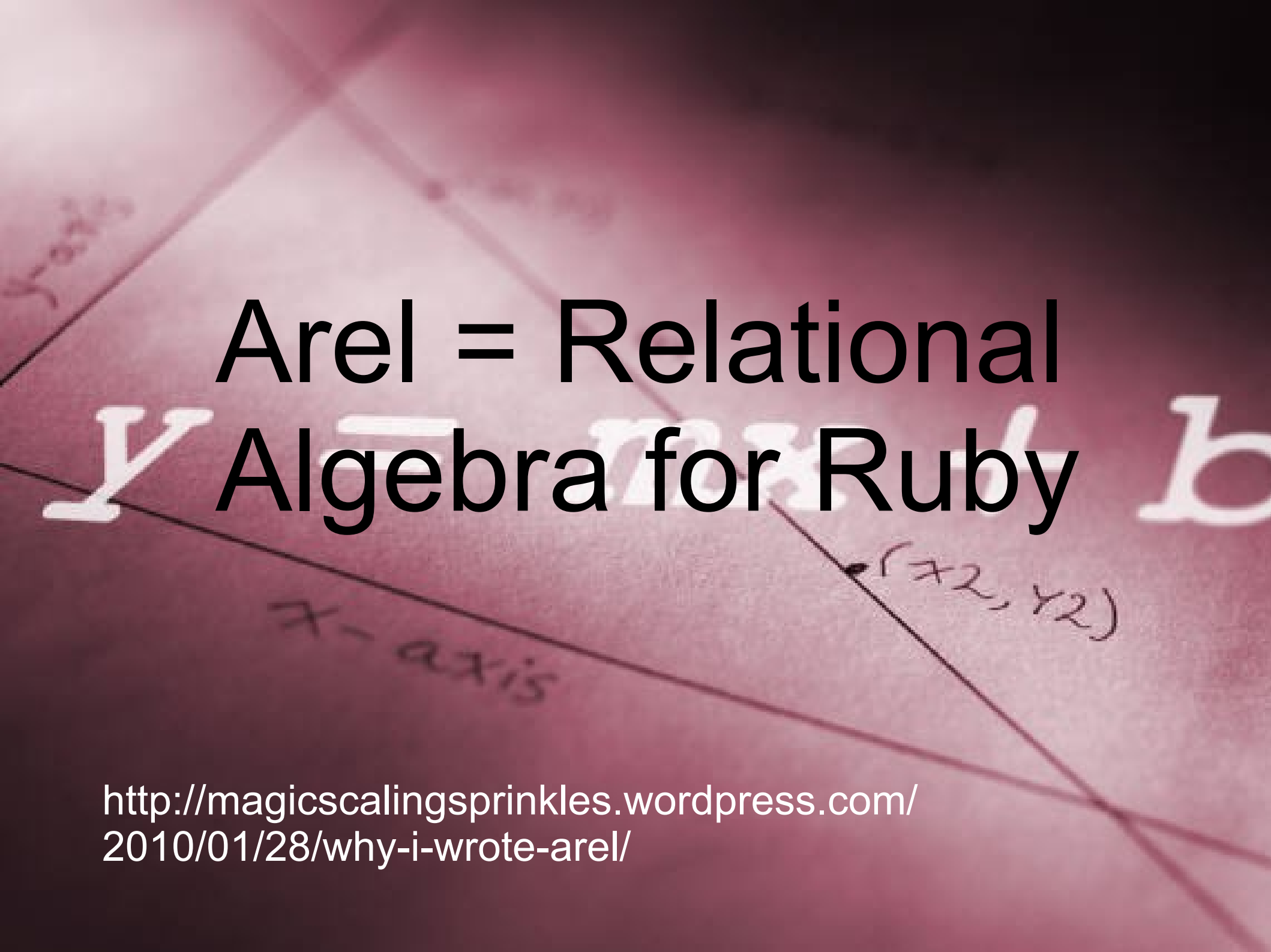
Where

```
Post.find(:all,
  :conditions =>
[:category_id =>
@category.id])
```

```
Post.where(:category_id
=> @category.id)
```

łańcuchy relacji (relations chains)

本公司滚子链可按客户要求批量生产



Arel = Relational Algebra for Ruby

http://magicscalingsprinkles.wordpress.com/2010/01/28/why-i-wrote-arel/

Controller:

```
def index
  @songs = Song.all.limit(10)
end
```

View:

```
- cache do
  - @songs.each do |song|
    =render :partial => 'song',
       :object => song
```

Źródła:

- http://www.railsupgradehandbook.com
- http://guides.rails.info/3_0_release_notes.html
- http://www.engineyard.com/blog/2009/rails-and-merb-merge-the-anniversary-part-1-of-6/