

Reid Morrison

@reidmorrison



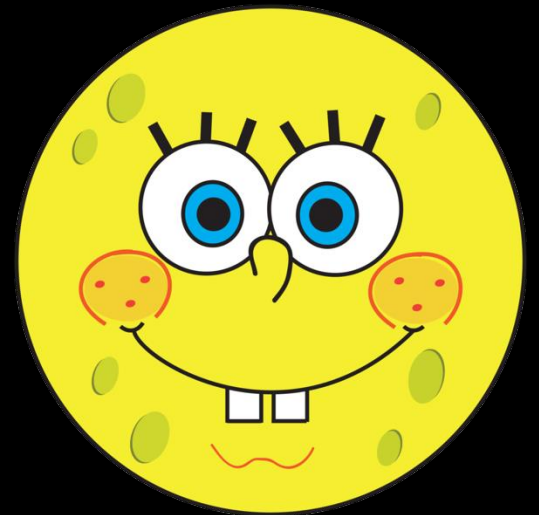
Active Record

```
class User
  # first_name      String
  # last_name       String
  # date_of_birth   Date
  # ranking          Integer

  validates_presence_of :first_name, :last_name, :date_of_birth
  validates :ranking, inclusion: 1..100
  before_destroy :remove_posts
end
```

```
user = User.create!(
  first_name: 'Reid',
  last_name: 'Morrison',
  date_of_birth: 21.years.ago
)
```

```
User.find(21)
User.where(last_name: 'Morrison').first
```



Not allowed to use Active Record

```
ActiveRecord::Base.connection.select_one('select * from users where id=21')
```

```
{  
  "first_name"    => "Reid",  
  "last_name"     => "Morrison",  
  "date_of_birth" => 1996-04-26  
}
```



Active Job

```
class ReportingJob < ActiveJob::Base
  def perform(hash)
    start_date = hash[:start_date]
    end_date   = hash.fetch(:end_date, Date.today)

    Reporting.generate_report(start_date, end_date)
  end
end
```

```
# Hash
arguments = {
  startdate: 30.days.ago,
  enddate:   5.days.ago
}
```

```
ReportingJob.perform_later(arguments)
```

```
# Validations?
# Spelling errors:
#   `enddate` => `end_date`
```

Active Job – Next Generation

```
class ReportingJob < RocketJob::Job
  field :start_date, type: Date
  field :end_date,   type: Date, default: Date.today

  validates_presence_of :start_date, :end_date

  def perform
    Reporting.generate_report(start_date, end_date)
  end
end
```

```
job = ReportingJob.create!(
  start_date: 30.days.ago,
  enddate:    5.days.ago
)
```

```
job.reload.output
```



RocketJob.io