

Rhodes

фреймворк для кроссплатформенной
разработки мобильных приложений

Денис Бакунович, <http://atzkey.org>
LVEE 2010

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~15min



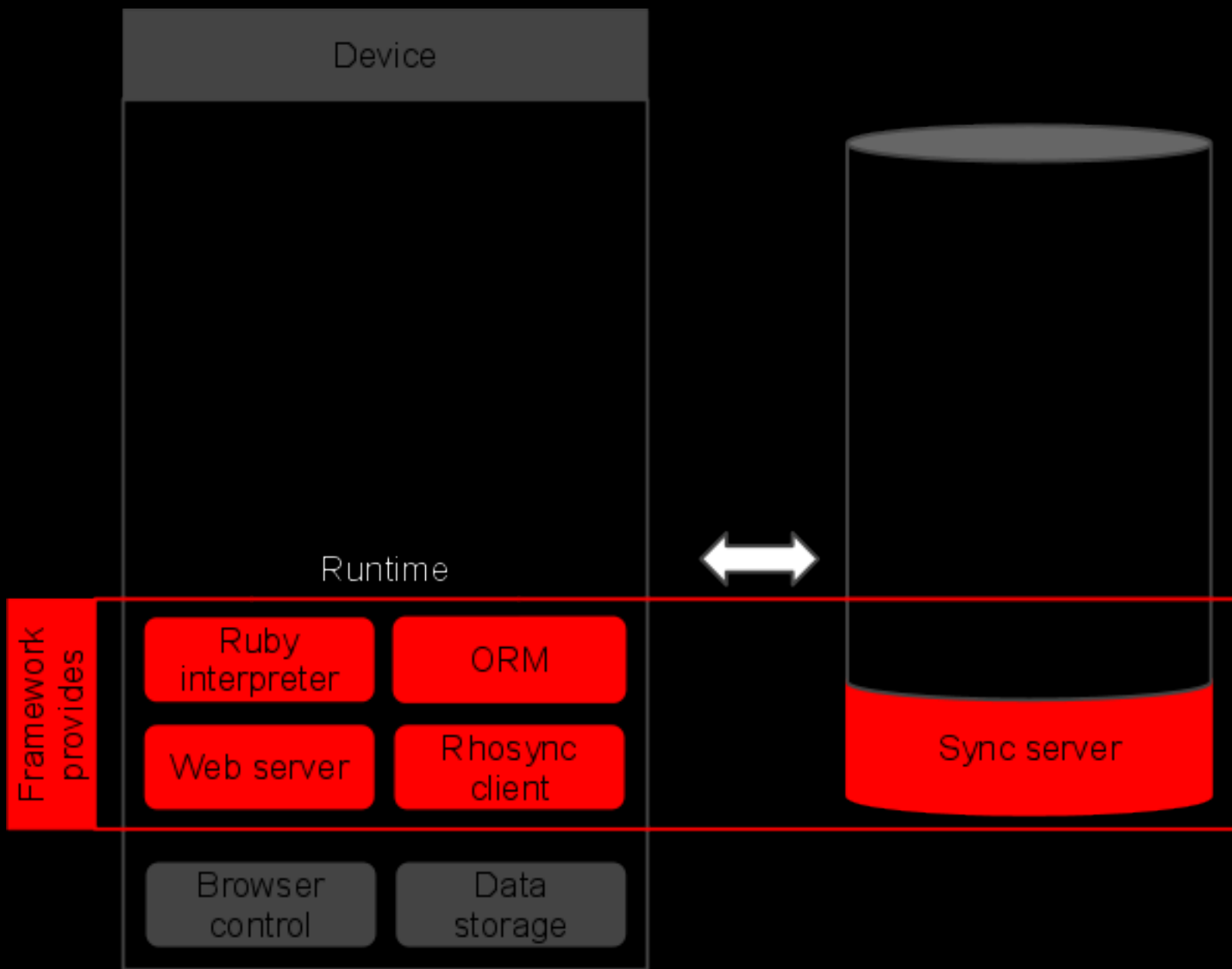
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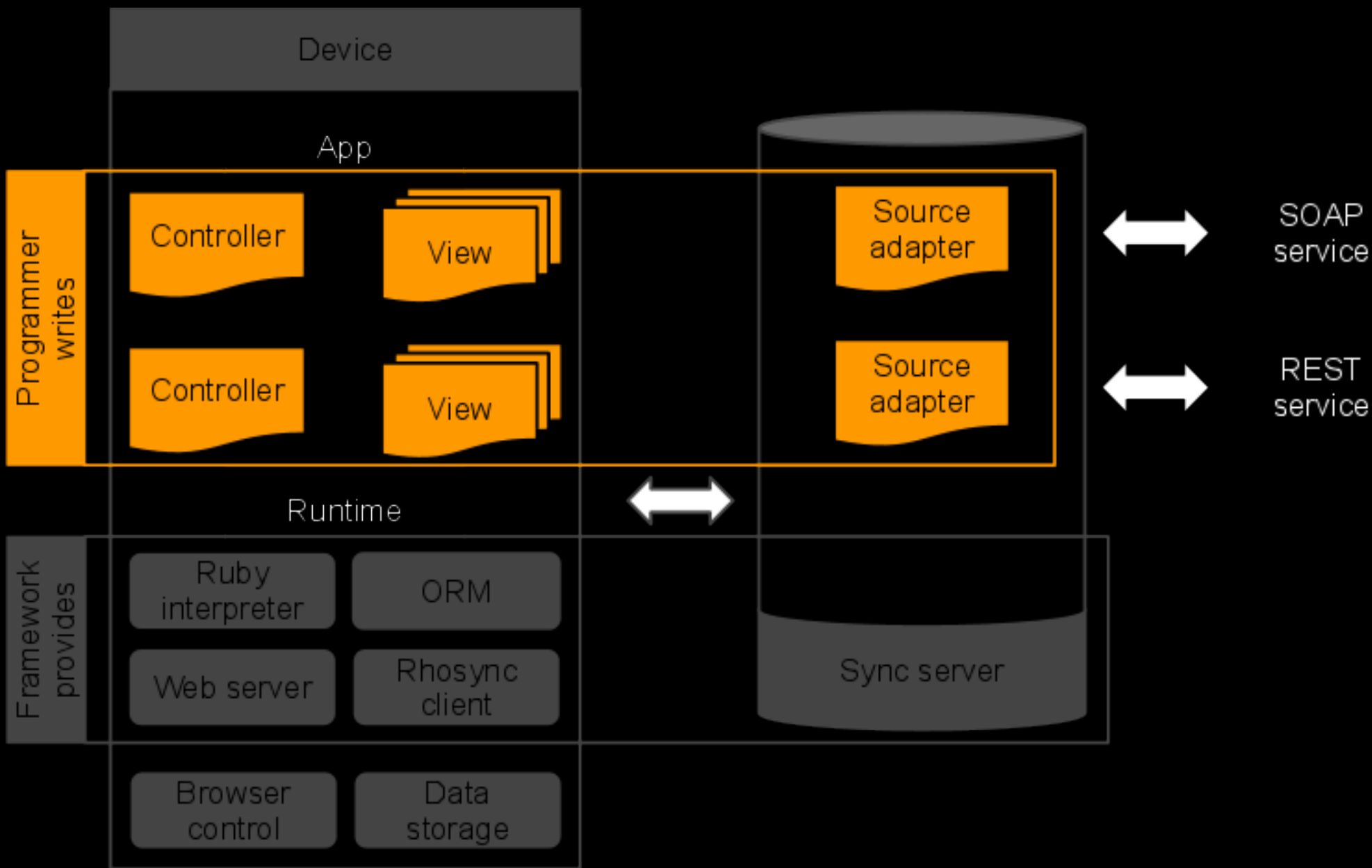
Device

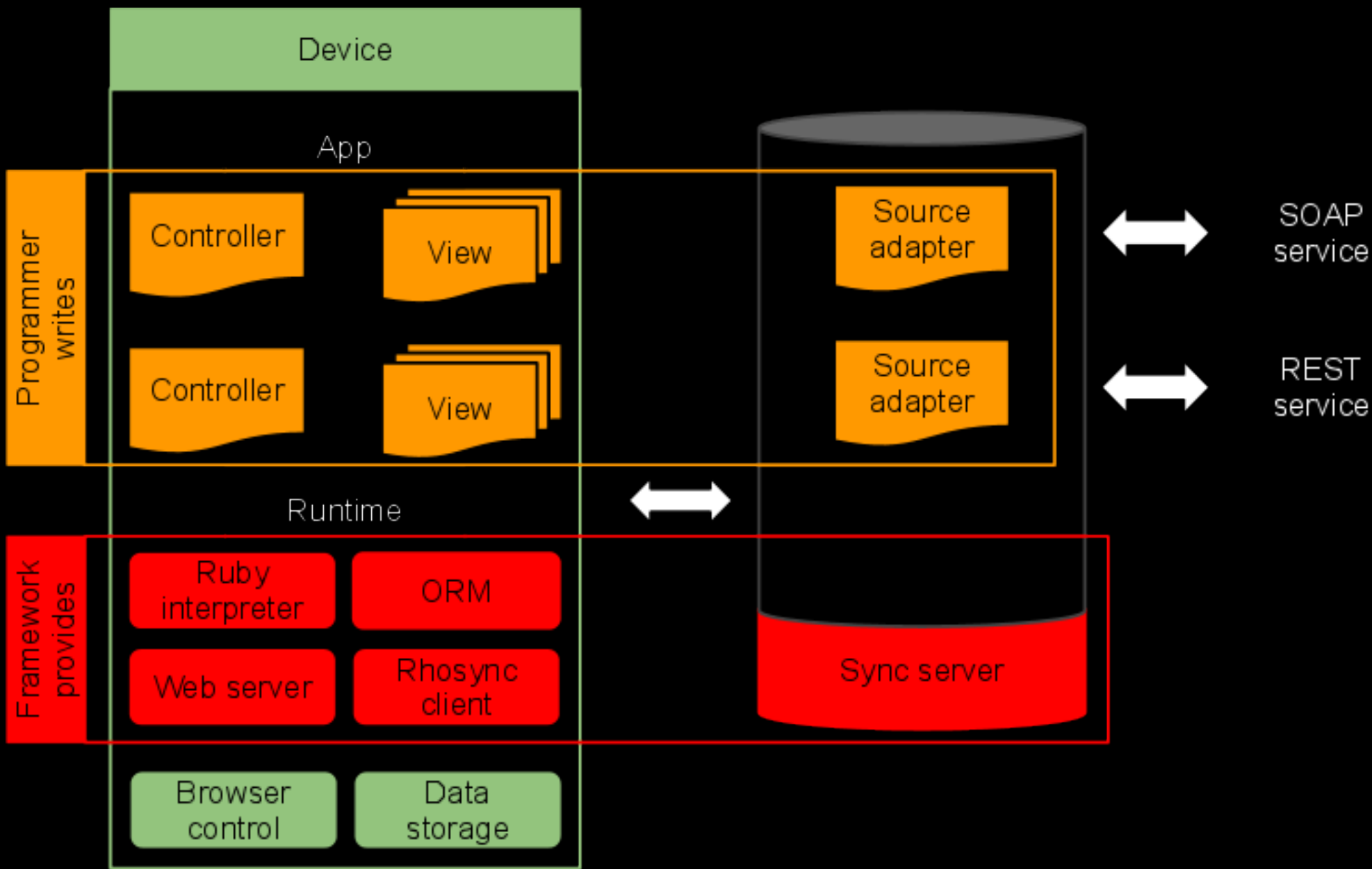
- iPhone
- Android
- Blackberry
- Symbian
- Windows Mobile

Browser
control

Data
storage

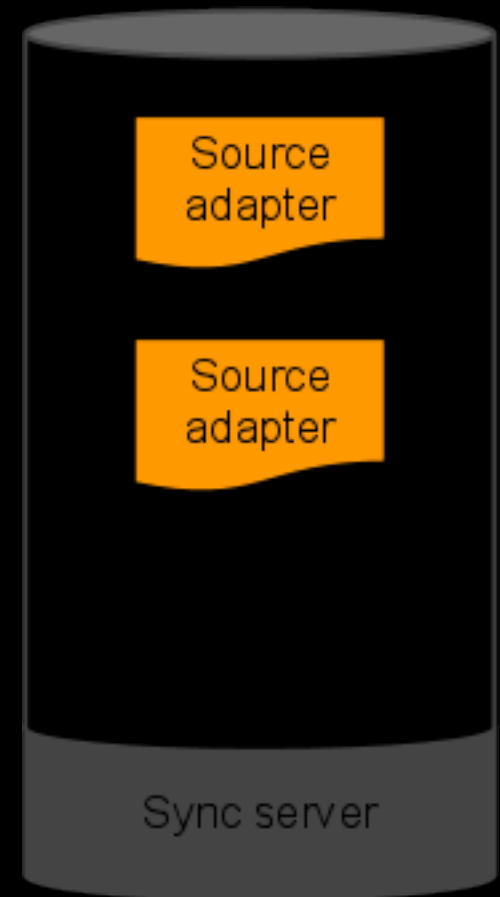




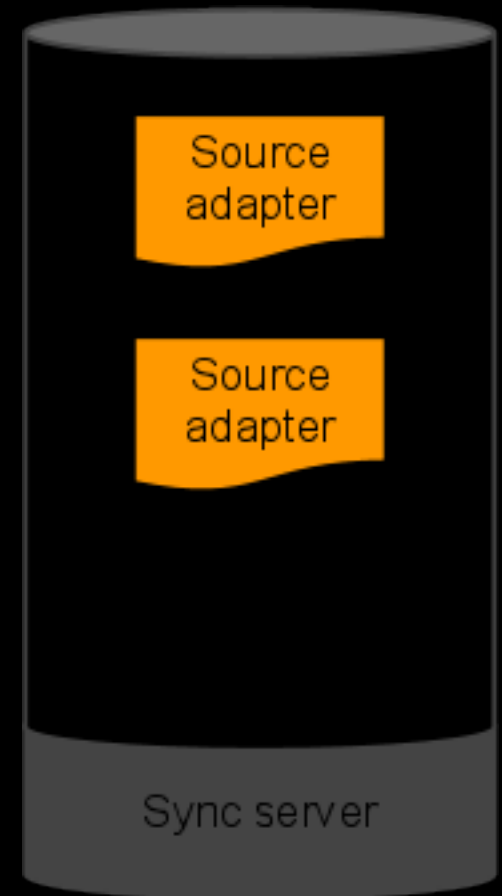


```
% rhosync app myapp-sync
Generating with app generator:
  [ADDED] myapp-sync/config.ru
  [ADDED] myapp-sync/settings/settings.yml
  [ADDED] myapp-sync/settings/license.key
  [ADDED] myapp-sync/application.rb
  [ADDED] myapp-sync/Rakefile
  [ADDED] myapp-sync/spec/spec_helper.rb

% cd myapp-sync
%
```




```
% rhosync source calendar
Generating with source generator:
  [ADDED] sources/calendar.rb
  [ADDED] spec/sources/calendar_spec.rb
```



```
require 'googlecalendar'

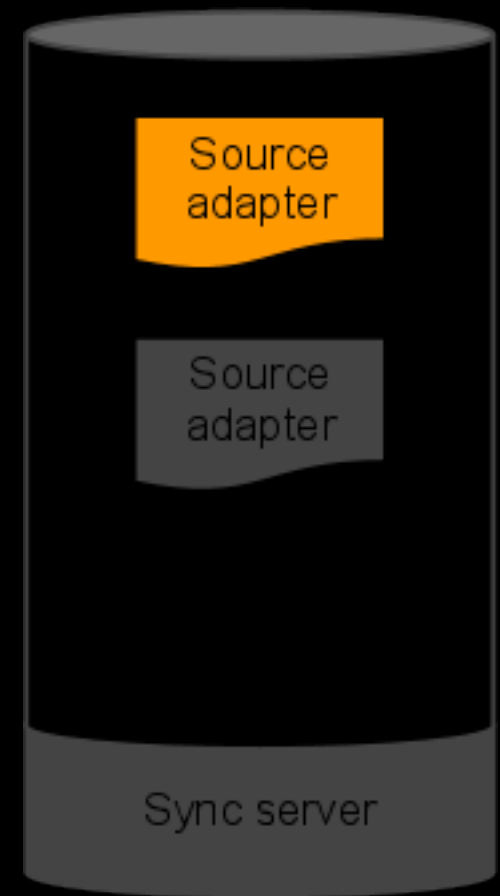
class Calendar < SourceAdapter
  include Googlecalendar

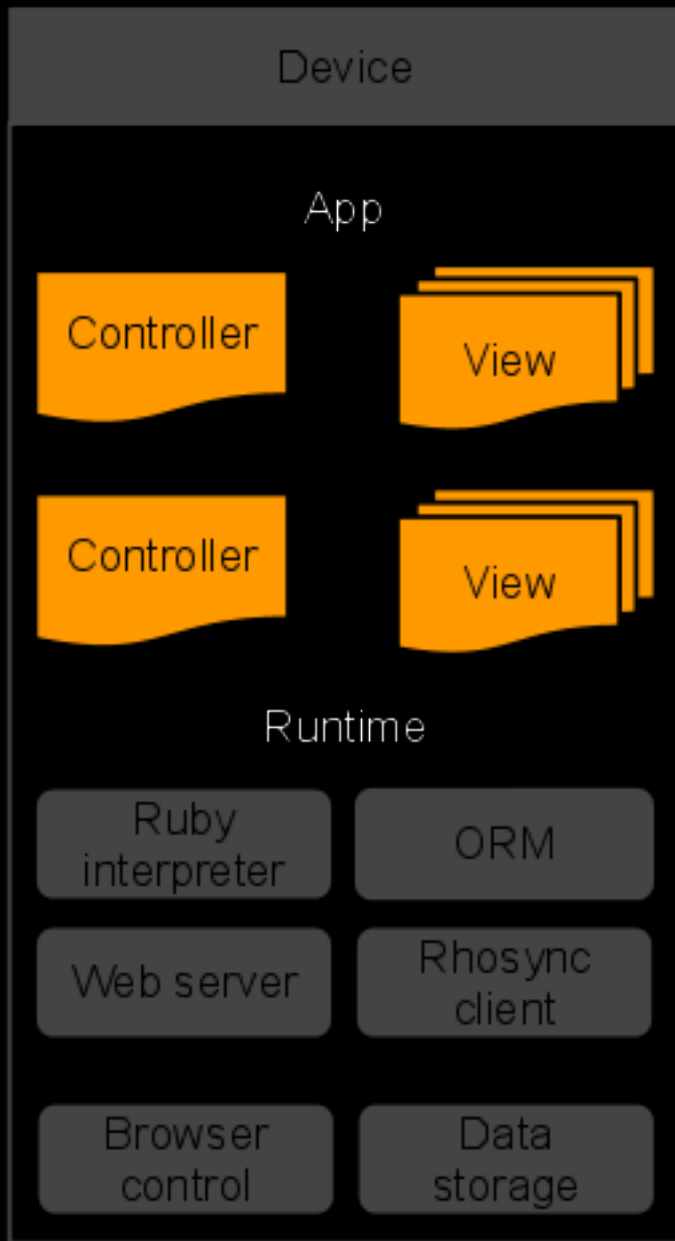
  def initialize(source, credential)
    super(source, credential)
  end

  def login; end
  def logoff; end

  def query(params=nil)
    data = scan @source.url
    @result = parse data
    @result
  end

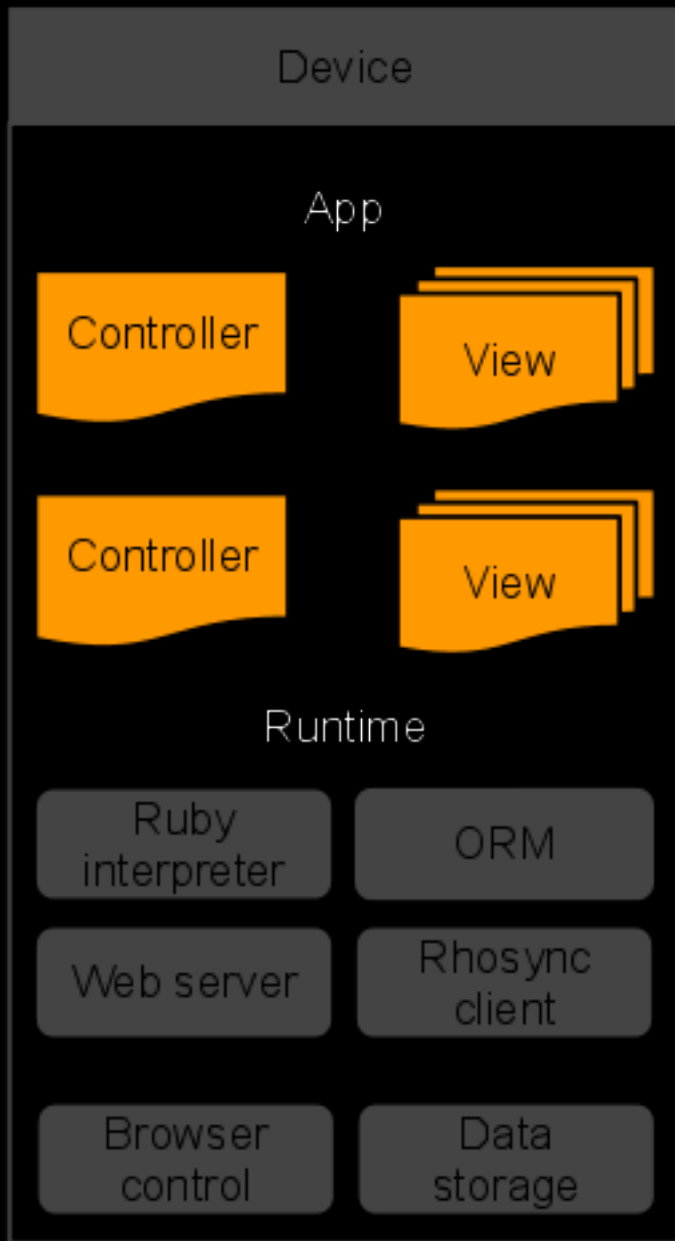
  def sync
    @result.reject! { |id, evt| evt.past? }
    super
  end
end
```





```
% rhogen app myapp
Generating with app generator:
[ADDED] myapp/rhoconfig.txt
[ADDED] myapp/build.yml
[ADDED] myapp/app/application.rb
[ADDED] myapp/app/index.erb
[ADDED] myapp/app/index.bb.erb
[ADDED] myapp/app/layout.erb
[ADDED] myapp/app/loading.html
[ADDED] myapp/Rakefile
[ADDED] myapp/app/helpers
[ADDED] myapp/icon
[ADDED] myapp/app/Settings
[ADDED] myapp/public

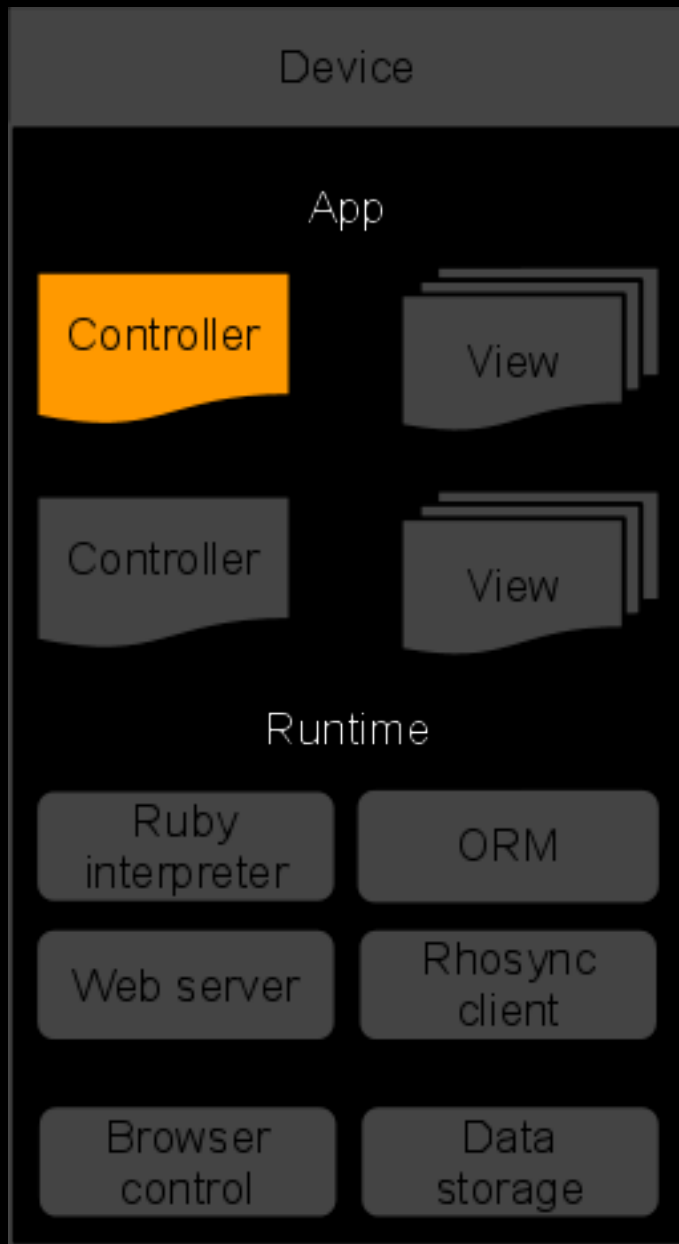
% cd myapp
%
```



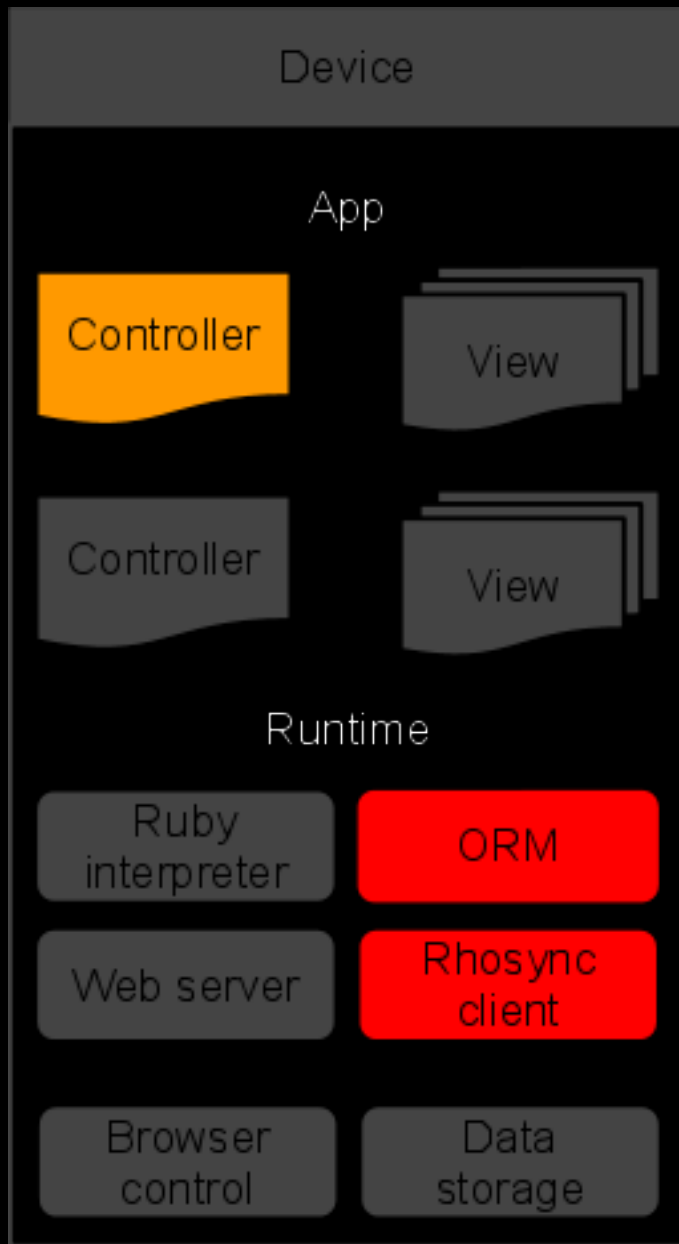
```
% rhogen model calendar title,start_time
Generating with model generator:
```

```
[ADDED] app/Calendar/index.erb
[ADDED] app/Calendar/edit.erb
[ADDED] app/Calendar/new.erb
[ADDED] app/Calendar/show.erb
[ADDED] app/Calendar/index.bb.erb
[ADDED] app/Calendar/edit.bb.erb
[ADDED] app/Calendar/new.bb.erb
[ADDED] app/Calendar/show.bb.erb
[ADDED] app/Calendar/controller.rb
[ADDED] app/Calendar/calendar.rb
[ADDED] app/test/calendar_spec.rb
```

```
%
```



```
require 'rho/rhocontroller'  
require 'helpers/browser_helper'  
  
require 'date'  
  
class CalendarController < Rho::RhoController  
  include BrowserHelper  
  def index  
    unless SyncEngine::logged_in > 0  
      redirect :controller => 'Settings',  
              :action => 'do_login'  
    end  
    @events = Calendar.find(:all)  
    add_objectnotify(@events)  
    render  
  end  
end  
  
def show  
  @calendar = Calendar.find(@params['id'])  
  if @calendar  
    render :action => :show  
  else  
    redirect :action => :index  
  end  
end  
end
```



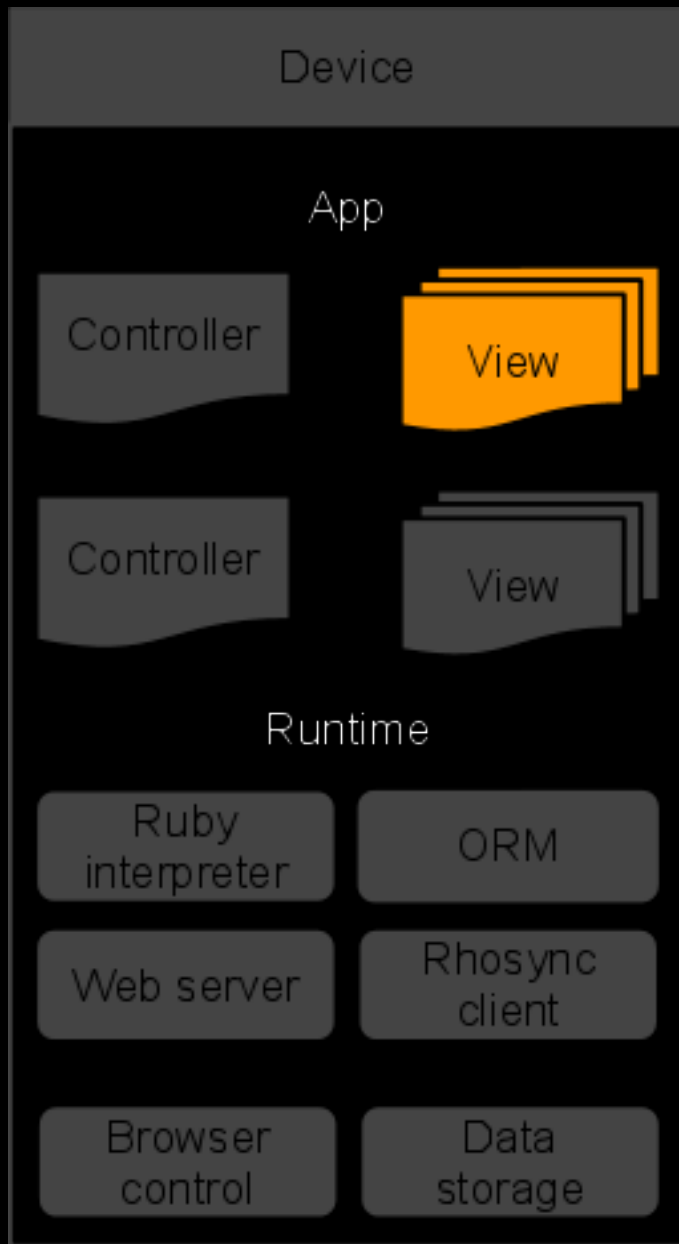
```
require 'date'

class Calendar
  include Rhom::PropertyBag

  enable :sync

  def start_time
    DateTime.parse(self.start_date)
  end

  def end_time
    DateTime.parse(self.end_date)
  end
end
```



```

<div class="toolbar">
  <h1>LVEEi</h1>
</div>
<ul class="edgetoedge">
  <% unless @events.nil? %>

  <li class="sep">Future events</li>
  <% @events.each do |obj| %>
    <li class="arrow">
      <a href="<%= url_for :action => :show,
        :id => obj.object %>">
        <span class="summary">
          <%= obj.summary %>
        </span>

        <span class="time">
          <%= format_time(obj.start_time) %> -
          <%= format_time(obj.end_time) %>
        </span>
      </a>
    </li>
  <% end %>
  <% end %>
</ul>

```

Carrier 2:02 PM

LVEEi

Тестовое текущее событие

Jul 02, 07:40 – Jul 02, 15:00

Текущее событие отображается с полным описанием и полоской на фоне, которая показывает процент завершенности. Для предстоящих событий показывается только заголовок и время, описание вынесено на отдельную страницу.

Future events

Следующее событие >

Jul 02, 15:00 – Jul 02, 16:00

Обед, например >

Jul 02, 15:30 – Jul 02, 16:00

Или доклад какой-нибудь >



Q?