

Backbone – jak zmusić Haml do współpracy



Tak naprawdę

Zadziała z każdym innym frameworkiem .js







Czego potrzebujemy?




```
# Gemfile  
gem 'rails'
```







```
# Gemfile  
gem 'rails' # ;-)  
gem 'haml'
```







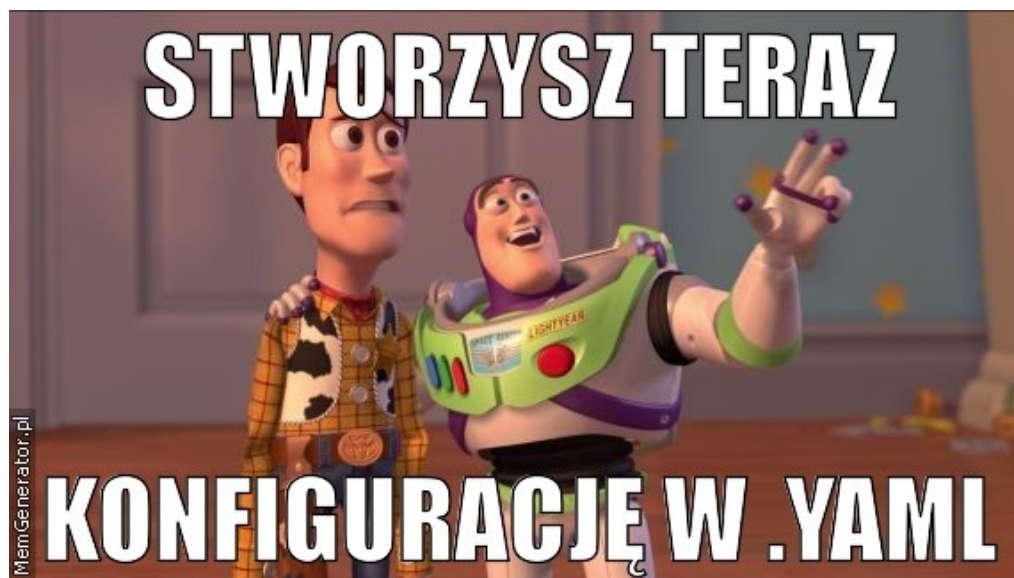
"git://github.com/software-project/jammit.git"

```
# Gemfile  
gem 'rails' # ;-)  
gem 'haml'  
gem "jammit"
```



Do jammita potrzebna jest
konfiguracja







```
assets: on  
javascript_compressor: yui  
package_assets: off  
template_function: _.template
```



Fork jammity używa
underscore template'ów







**Musimy jeszcze rozszerzyc
nasz helper**



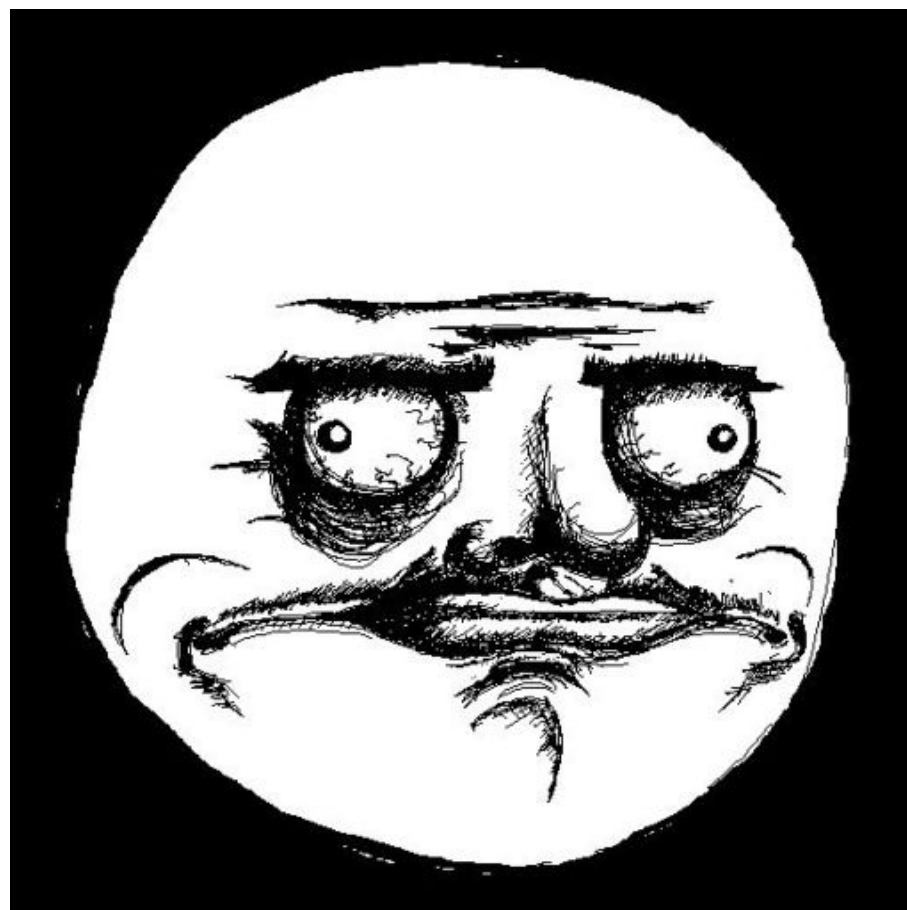
```
def jst_templates(dir = Rails.root.to_s)
  result = []
  Find.find(dir + "/app/views/") do |partial|
    if partial =~ /\.jst\.haml/
      result << partial.gsub(/\/_/, "/")
                        .gsub(/(.*)\.app\views\./, '')
                        .gsub('.haml', '')
    end
  end
  result
end
```




```
def template_tag template
text = (render :partial => template)
new_line = ""
body = text.gsub(/<script>(.*?)<\script>/, "")

text.scan(/<script>(.*?)<\script>/){|s| new_line = s.join("\n")}
"window.JST['#{template.gsub("/", "_").gsub(".", "_")}'] =
_.template('#{body.gsub(/\r?\n/, "\n").gsub("'",
'\'''\''').html_safe}'); \n#{new_line.gsub("var ", "")}'.html_safe
end
```







Następnie wsadzamy nasze
widoki w widok








```
# app/views/layout/application.html.haml

= %q{<script type='text/javascript'>
  (function(){
    window.JST = window.JST || {};}.html_safe

- jst_templates.each do |template|
  = raw template_tag template

= "})(); </script>".html_safe
```



Otrzymamy



```
<script type='text/javascript'>  
  (function(){  
    window.JST = window.JST || {};  
  })();  
</script>
```



Czas na hamlowo
javascriptowe hello world ;-)




```
# _example.jst.haml  
.hello  
  .world  
    = link_to "hello world", '#'
```



```
<script type='text/javascript'>
(function(){
window.JST = window.JST || {};
window.JST['users_example_jst'] =
_.template(
"<div class='hello'>
<div class='world'>
<a href='#'>hello world</a>
</div></div>"
);
})();
</script>
```



Co możemy użyć?

formtastic

simple form

helpery

haml



Jak to połączyć z javascript?



each



```
:each
  collection: tabs
  item: tab
.test.div_class
  %p
    Paragraph text:
    :js # tagowanie w <% %>
      = tab.get('body')
:endforeach
```



if



```
:if  
  condition  
  .class  
    %p  
    Other haml content goes here.  
:end
```



else



```
:if  
  condition  
Other haml tags goes here  
:else  
Other haml tags goes here  
:end
```



wstawianie wartości



```
:js  
  = model.get( 'value' )
```



Przykład



```
:if
  collection.length > 0
.user-list
  :each
    collection: collection
    item: user
  .user
    :js
      = user.get('username')
  :endeach
:else
.user-list
  .user
    = t(:sorry_no_users)
:end
```







Problemy

Mieszanie hamla z javascript (pod tagiem :js znika magia)

Używanie `_.template` w parametrach haml

```
.class{"data-user-id" => js("model.get('user_id')")}
```

Nieraz tagi trzeba dodać ręcznie bo nie tryka ;-)

Ogólnie problemy są do rozwiązania

Fork fork fork -- commit commit commit



