Nitrogen
Web Framework
For Erlang

"Nitrogen is by far one of the most fascinating web frameworks I've ever seen." – Marc Held

"Future = Erlang + Nitrogen"
– Tom Lackner

I've done more quicker with Erlang and Nitrogen than I've done with any other framework I've used, and I've used a lot... Rails, Catalyst, Mason, Django, Zope...
– Jeremy Wall

"I find your use of records inspirational."
– Joel Reymont

http://nitrogenproject.com/ web/cast

The Nitrogen Community

http://groups.google.com/group/nitrogenweb/about

Google

Google Groups

Nitrogen Web Framework for Erlang

Search this group   Search Groups

About this group

Members	154
Description	Nitrogen Web Framework for Erlang.
Public website	http://www.nitrogenproject.com
Language	English
Categories	Computers >Software
	Computers >Programming
Access	Anybody can view group content
	Only members can view group members list
	Anyone can join
	Members can create and edit pages
	Members can upload files
	Only members can post
Group email	nitrogenweb@googlegroups.com
	Send email to the owner
Feeds	Latest 15 messages (RSS) - View all available feeds (RSS and Atom)

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2008												31
2009	119	68	102	214								

Top posters

This month

32 TomMc

Done

git http://github.com/rklophaus/nitrogen/tree/master

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github
SOCIAL CODING

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master | all branches | all tags

rklophaus / **nitrogen**   ♥ watch   ⬇ download
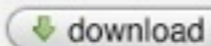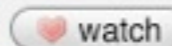
🔍 171   🔺 33   🙂

Description: Nitrogen Web Framework for Erlang

Homepage: http://nitrogenproject.com

Clone URL: git://github.com/rklophaus/nitrogen.git

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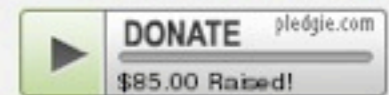
Small tweaks to templateroot support.

rklophaus (author)
April 05, 2009

commit f2962cb7accab788a3d31a0b875641260e38f1dd
tree   f891dc4cfe715bf86a91acf2922c027176b51a90
parent 747eea7382ec7f60f48fdcf0780652b83dadacf0

nitrogen /

name	age	message	history
.gitignore	March 08, 2009	Ignore coverage files. [rklophaus]	
.gitmodules	March 08, 2009	Add coverize submodule, update Makefile accordi... [rklophaus]	
CHANGELOG	April 05, 2009	Small tweaks to templateroot support. [rklophaus]	
Emakefile	February 25, 2009	integrating coverize for coverage analysis [mmullis]	
INSTALL	January 06, 2009	Created Installation Instructions. [JonGretar]	
MIT-LICENSE	January 06, 2009	Updated changelog, copyright dates. [rklophaus]	
Makefile	March 08, 2009	Added commands to init and update the lib/cover... [rklophaus]	
Nitrogen.tmproj	April 05, 2009	Small tweaks to templateroot support. [rklophaus]	

Done

S3 Fox

http://github.com/languages/Erlang

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- engineyard / **natter**
- cliffmoon / **eunit**
- auser / **erlfs**
- jchris / **hovercraft**

Most Forked This Month

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- engineyard / **natter**
- cliffmoon / **eunit**
- auser / **erlfs**
- jchris / **hovercraft**

Most Watched Overall

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- tarcieri / **reia**
- cliffmoon / **dynomite**
- rklophaus / **nitrogen**
- tonyg / **reversehttp**

Most Forked Overall

- rklophaus / **nitrogen**
- halorgium / **couchdb**
- tarcieri / **reia**
- KirinDave / **fuzed**
- cliffmoon / **dynomite**

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- jdavisp3 / **faxien**
- beshrkayali / **nitrogen**
- matpalm / **dets_test**
- ngocdaothanh / **erlvpg**

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- jasondavies / **couchdb**
- StephenBailey / **converse**
- dummies102 / **cherl**
- matpalm / **dets_test**

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nitrogen web OR erlang OR #nitrogen | **Search** | *Advanced Search*

Realtime results for **nitrogen web OR erlang OR #nitrogen**

0.17 seconds

iankits: Testing & check out features of **Nitrogen** Framework for **Erlang**. Bit Excited for it as heard & read a lot about it. :D
3 days ago from *web* · Reply · View Tweet

hortovanyi: @NickHodge spend some time with **Erlang** u will like it - **Nitrogen** uses a paradigm that Softies will be used to http://is.gd/tPj1 (expand)
3 days ago from *twhirl* · Reply · View Tweet · 💬 Show Conversation

DeepFreezZA: Want to get done voting so i can in play with #erlang and **nitrogen** the **web** framework
3 days ago from *mobile web* · Reply · View Tweet

grantmichaels: @janl @jchris very nice. it's almost like **erlang web** stuff is getting less ugly ... i felt similarly when i first looked at **nitrogen** ...
3 days ago from *Tweetie* · Reply · View Tweet

MrJMad: @jlecour pour appli **web** en **erlang**, regarde http://nitrogenproject.com/ que @benoitc m'a fait découvrir. juste excellent ce **nitrogen**
3 days ago from *choqoK* · Reply · View Tweet · 💬 Show Conversation

rklophaus: @dysinger I'm always excited to see what happens when people put #nitrogen through hell. What's the biggest size you've uploaded so far?
8 days ago from *twhirl* · Reply · View Tweet · 💬 Show Conversation

dysinger: @rklophaus #nitrogen dies if you upload 900MB - FYI #erlang
8 days ago from *TweetDeck* · Reply · View Tweet · 💬 Show Conversation

📡 Feed for this query

🐦 Twitter these results

Show tweets **written in**:

Any Language ▲▼

Translate to English

Trending topics:
· NFL Draft
· Swine Flu
· World Malaria Day
· Mexico
· #bcniphilly
· Susan Boyle
· Spurs
· #bcb4
· Spring
· New York

Nifty queries:
· cool filter:links
· "is down"
· movie :)
· "happy hour" near:SF
· #haiku
· "listening to"
· love OR hate
· flight :(

Done

http://twitter.com/nitrogenproject

nginx

power **twitter**

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Nitrogen : Web Framework For Erlang

nitrogenproject

▸ ✓ **Following** – Device updates OFF

New templateroot .app setting, code by Ville Koivula. #nitrogen

RT

9:06 AM Apr 5th from twitterrific

Rusty will be presenting Nitrogen at the Erlang Factory in Palo Alto, CA in late April. See you there? » link to Erlang Factory

☆

↩

processed

8:06 PM Mar 29th from twitterrific

RT

Nitrogen now supports file uploads! Woot! #nitrogen

8:45 PM Mar 28th from twitterrific

RT

Thanks to Tom McNulty for improving Nitrogen's paragraph tag. #nitrogen

7:16 PM Mar 22nd from twitterrific

RT

Thanks to Benjamin Nortier, Nitrogen now supports radio buttons. Woot! #nitrogen

7:14 PM Mar 22nd from twitterrific

RT

'nitrogen create (PROJECT)' now does a recursive copy of the Nitrogen support files. Many thanks to Jay Doanel.

Name Nitrogen Project
Location USA / Iceland / Germany
Web http://www.nitrog...
Bio Take a giant leap.

1
following

57
followers

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☑ only nitrogenproject's updates

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Updates 18

Favorites

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@pt: settings | help

Find: ajax   Next   Previous   ⃝ Highlight all   ☐ Match case

Done   S3 Fox

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Giant Leap
for
Web Development

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http://nitrogenproject.com/web/samples

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Nitrogen Samples

This page clocks in at **38** lines of Nitrogen code.

View source.

Controls and Validation

Simple Controls
In-Place Textbox
Google Charts
Step-by-Step Wizard
Radio Buttons
Validation
File Uploading

User Interface

Effects
Drag and Drop
Sorting
Nested Sorting

Effects, Events, and Ajax

Postbacks
AJAX Replacement
User Notices

Data Binding

Simple (List-Based) Binding
Record-Based Binding
Key/Value Pair Binding
Binding With a Transform Function

Advanced Topics

Counter with Comet
Chatroom with Comet
Multiple Comets with Graceful Exit
Continuations
Set Content Type
HTTP Headers

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http://nitrogenproject.com/web/samples/ajax

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Ajax Example

This is a message...   Go

Update   Insert Top   Insert Bottom

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Magic in an Opaque Box

Bring Web 2.0 to Erlang,
Keep it Magical

Web 2.0 Business Plan Maker (Beta)

Web Applications, not Web Sites

Elements and Actions
(HTML) (Javascript)

```
body() ->
  [
    #panel { id=mypanel },
    #button { id=mybutton, text="Click" }
  ].
```

```
body() ->
  wf:wire(mybutton, [
    #event { type=click, postback=clicked }
  ]),

  Terms = [
    #panel { id=mypanel },
    #button { id=mybutton, text="Click" }
  ].
```

```
body() ->
  [
    #panel { id=mypanel },
    #button { text="Click", actions=[
      #event { type=click, postback=clicked }
    ]}
  ].
```

```
body() ->
  [
   #panel { id=mypanel },
   #button { text="Click", postback=clicked }
  ].
```
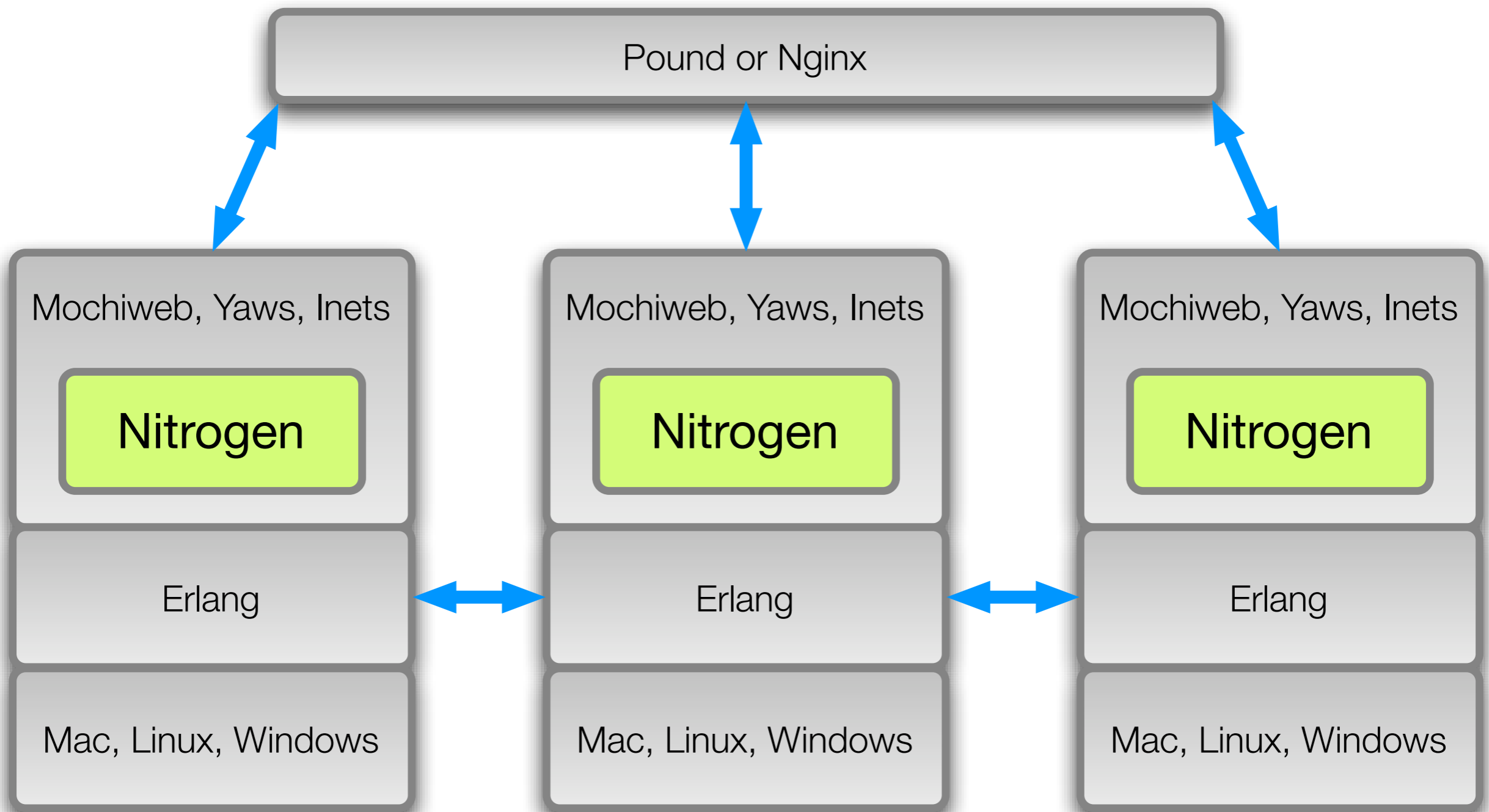
```
body() ->
  [
    #panel { id=mypanel },
    #button { text="Click", actions=[
      #event { type=click, postback=clicked }
    ]}
  ].

event(clicked) ->
  wf:update(mypanel, [
    #span { text="The button was clicked" }
  ]).
```

Developing
The Task List App

What next?

Documentation
Caching
Deployment Tools
Internationalization

Partner with
other projects

How to Contribute

Fork on GitHub
Write Code
Send Pull Request to 'rklophaus'

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Follow @nitrogenproject

Rusty Klophaus
http://rklophaus.com
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