Erlang for the Web

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Erlang USER CONFERENCE

driebit

Let’s build a website

Simple blog

Images

SEO

Letsencrypt

Multilingual

CMS

Simple blog

Search

Images

Access control

SEO

E-mail

Letsencrypt

WebSockets

Multilingual

S3

CMS

Caching

django

zotonic

driebit

CMS
web framework

It’s Erlang!

Natural async

Long-lived processes (WebSockets)

Fault tolerance

In-memory caching

Less waste

And...

Controllerless pages

Dynamic routing

MQTT with UBF

Built-in e-mail

And more...

Principles

Powerful templates

Aggressive caching

Include batteries

```
<h1>{{ id.title }}</h1>

<ul>

{% for article in m.search[{query hasobject=[id, 'author']}] %}
     <li>{{ article.title }}</li>
{% endfor %}

</ul>
```

```
{% live template="user-status.tpl"
        topic="~pagesession/session"
        target="user-status" %}
```

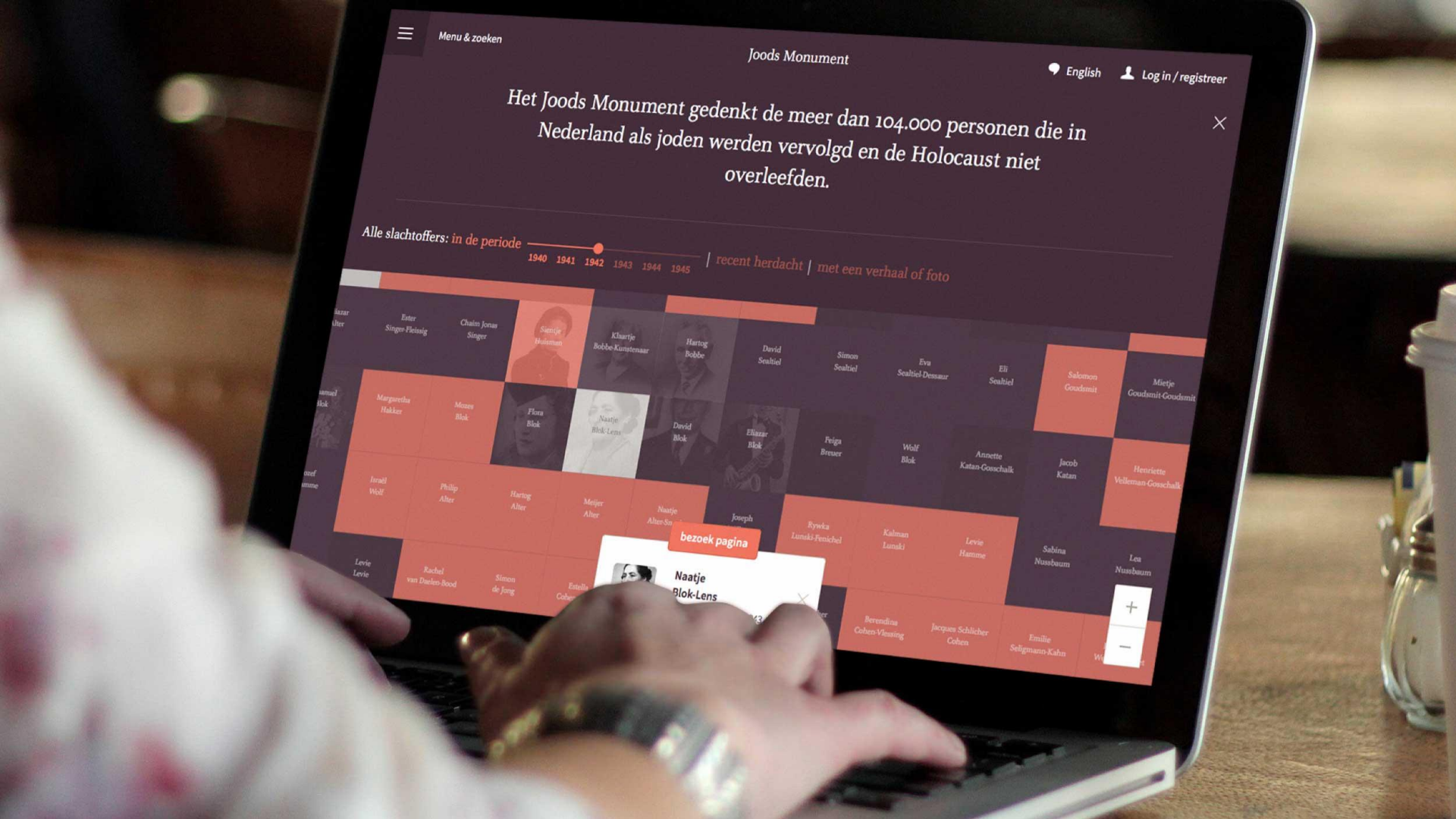
Subscribe to session MQTT topic

user-status.tpl:

Access check

```
{% if m.acl.user %}
     Greetings user {{ m.acl.user.name_first }}!
{% else %}
     Hello anonymous! Why not log in so we can better track you?
{% endif %}
```

Small teams, large impact


Menu & zoeken
Joods Monument
English
Log in / registreer
Het Joods Monument gedenkt de meer dan 104.000 personen die in Nederland als joden werden vervolgd en de Holocaust niet overleefden.
Alle slachtoffers: in de periode
1940 1941 1942 1943 1944 1945
recent herdacht | met een verhaal of foto
bezoek pagina
Naatje
Blok-Lens

channel.me/cobrowsing

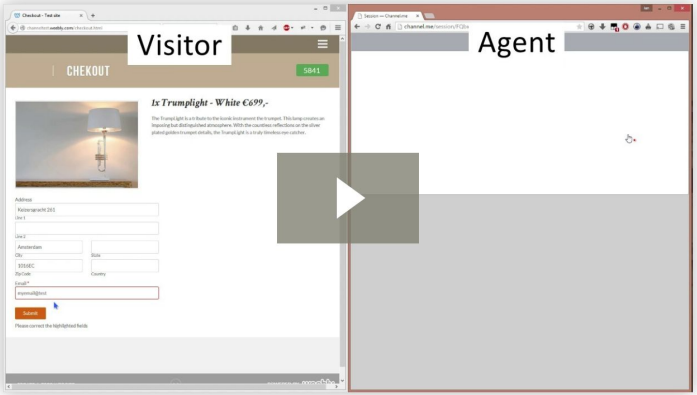
Channel.ME
Cobrowsing & Live Chat Software

Products Roadmap Partners Podcast Support Contact Login

Cobrowsing Pricing What is Cobrowsing Features ICT Impact Request Demo

Cobrowsing for sales and support

Keep phone conversations short and simple, exactly see what your visitor is talking about.



MyCompany.

Administrator of LearningStone | Messages 219 | My Info | Help | Logout

My groups | MyCompany Workspace | Independent Sales group

MyCompany Workspace ★ **Independent Sales group**

Invite | Organize members | Settings

Start | People | My Page | Calendar | News | Discussion | Docs | Gallery | Chat

Sales Training Example (multilingual) | Progress

Sales Training Example (multilingual)

This is an example of a course timeline.

A workspace contains groups which present one or more course timelines. Feel free to copy this example and edit it.
Click on the icon next to the pencil-icon to go to course timeline library of this group.

Goals of the Course

Welcome to the "Advanced Sales Skills" - course!
By attending this program you will be able to implement the complex sales model tool. In addition, course attendees… **Read more »**

Please introduce yourself!

Please go to "my page" and tell us a little bit about yourself! Add a couple of pictures and then look at what the others did on the "People" page!

Share with Independent Sales group on this wall...

Show removed posts

The new training location looks really great!

Angracia Houston 2 months, 4 days ago | Remove

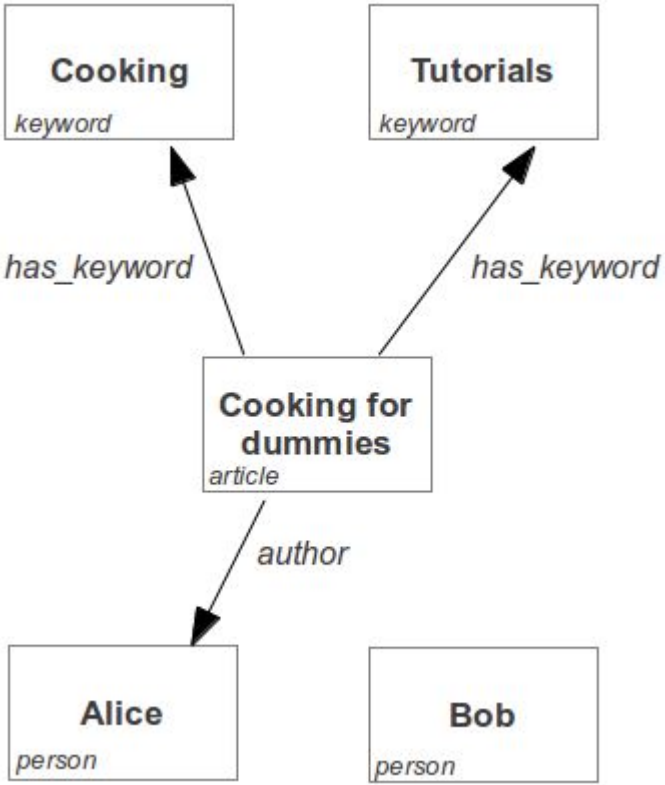
Gorgeous!! is it still being used as a train station as well? Hopefully we'll meet again there next time!
Frank Write 2 months, 4 days ago

Actually the trains do still pass there!
Sjoerd Boersma 2 months, 4 days ago

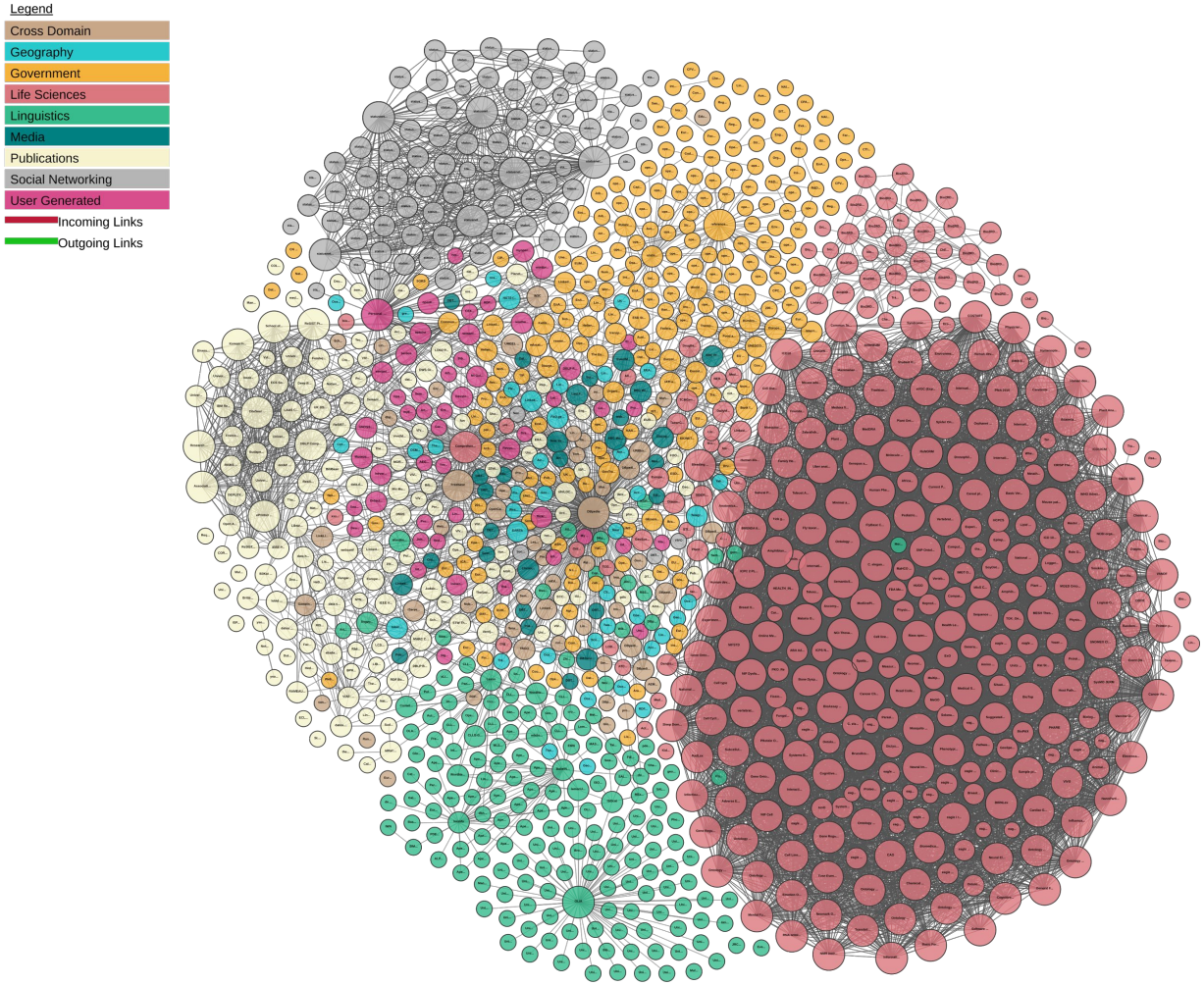
What do you think?

LearningStone

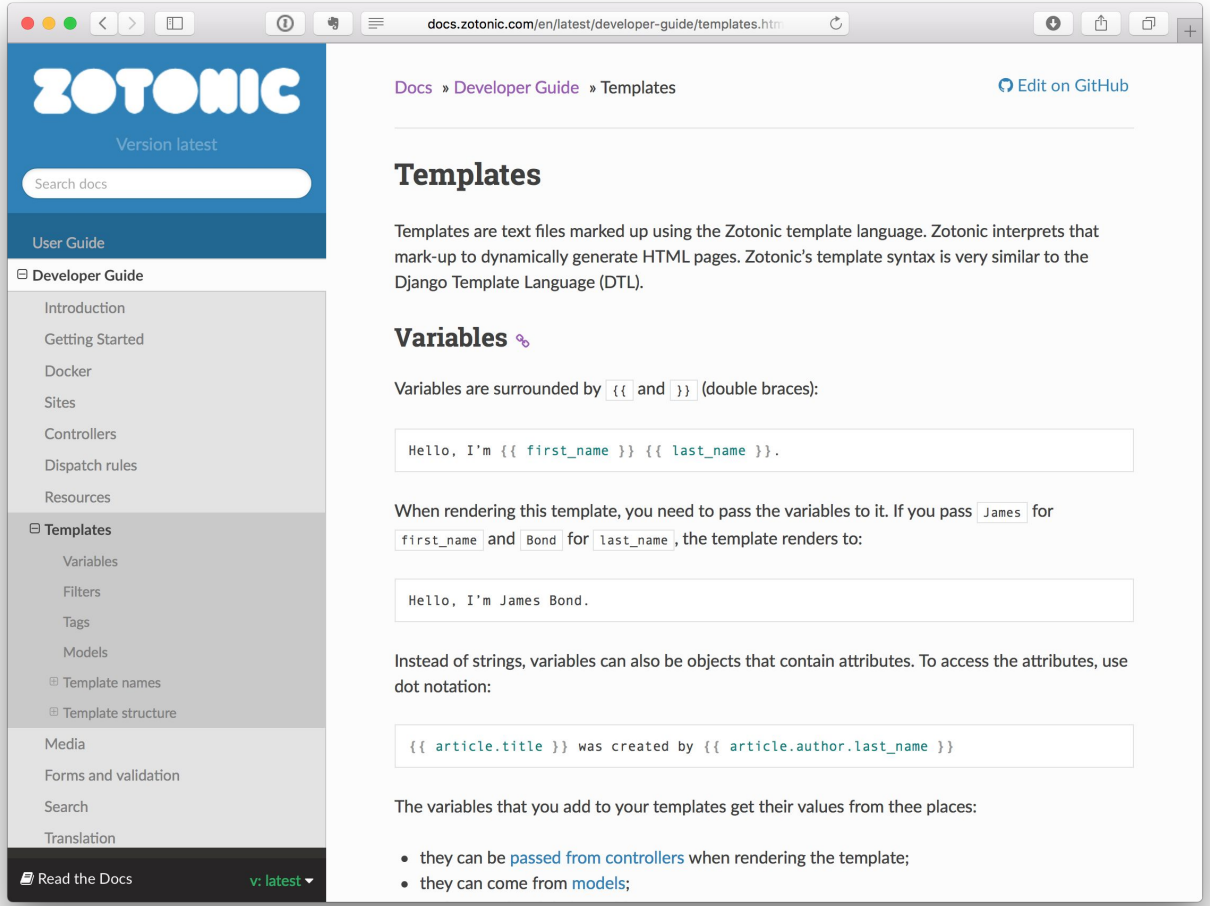
driebit ginger


Cooking
keyword
Tutorials
keyword
has_keyword
has_keyword
Cooking for dummies
article
author
Alice
person
Bob
person

Data vision


Legend
Cross Domain
Geography
Government
Life Sciences
Linguistics
Media
Publications
Social Networking
User Generated
Incoming Links
Outgoing Links

10 POINTS


docs.zotonic.com/en/latest/developer-guide/templates.htm
ZOTONIC
Version latest
Search docs
User Guide
Developer Guide
Introduction
Getting Started
Docker
Sites
Controllers
Dispatch rules
Resources
Templates
Variables
Filters
Tags
Models
Template names
Template structure
Media
Forms and validation
Search
Translation
Read the Docs
v: latest
Docs » Developer Guide » Templates
Edit on GitHub
Templates
Templates are text files marked up using the Zotonic template language. Zotonic interprets that mark-up to dynamically generate HTML pages. Zotonic's template syntax is very similar to the Django Template Language (DTL).
Variables
Variables are surrounded by {{ and }} (double braces):
Hello, I'm {{ first_name }} {{ last_name }}.
When rendering this template, you need to pass the variables to it. If you pass James for first_name and Bond for last_name, the template renders to:
Hello, I'm James Bond.
Instead of strings, variables can also be objects that contain attributes. To access the attributes, use dot notation:
{{ article.title }} was created by {{ article.author.last_name }}
The variables that you add to your templates get their values from thee places:
they can be passed from controllers when rendering the template;
they can come from models;

VINCE
LARRY

```
$ docker run \
    -v `pwd`:/opt/zotonic/user/sites \
    -p 8443:8443 zotonic/zotonic-heavy
```

```
{% for result in m.search[{recommend hasobject=[id, 'author']}] as results %}
```

```
-module(yoursite).
-include_lib("zotonic_core/include/zotonic.hrl").
```

```
observe_search_query(#search_query{search = {recommend, Args}} = Query, Context) ->
    recommend:search(Query, Context);
observe_search_query(_, _) ->
    undefined.
```

next observer, based on prio

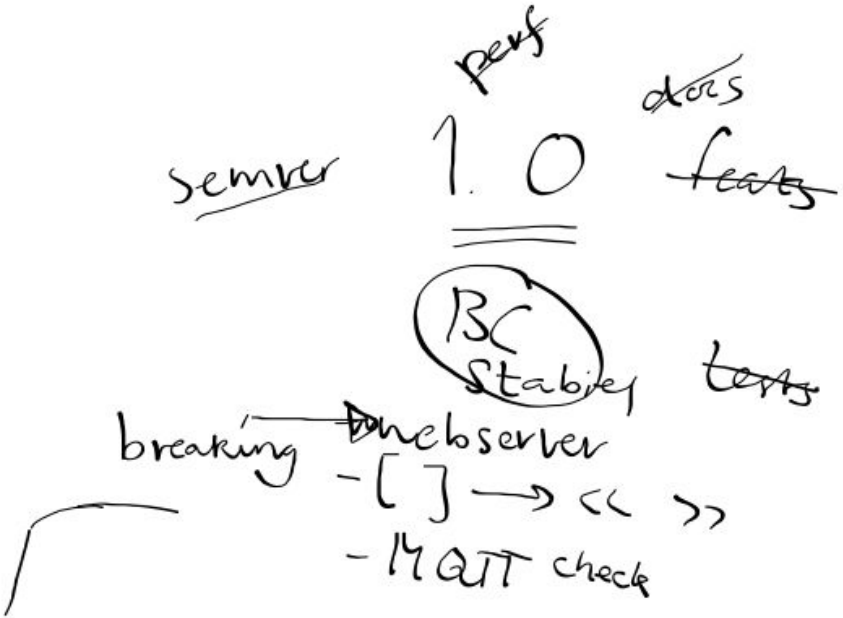
```
-module(yoursite).
-include_lib("zotonic_core/include/zotonic.hrl").

observe_acl_is_allowed(#acl_is_allowed{action = view, object = Id}, Context) ->
    case m_rsc:is_a(Id, recommendation, Context) of
        true ->
            custom_acl:can_view_recommendation(Id, Context);
        false ->
            undefined
    end;
observe_acl_is_allowed(#acl_is_allowed{}, _Context) ->
    undefined.
```

next observer

16 releases

And counting...

1.0


perf
docs
semver
1.0
feats
BC
Stable
tests
breaking
observer
- [ ] → << >>
- MQTT check

We changed a lot

Cowboy

Fixed bottlenecks

The Great Binarification

Dispatch Compiler

Template Compiler

THIS SUMMER

Some history

2009	2010	2011	2014	2017
Zotonic 0.1.0	NPM	Elixir	Hex	Zotonic 1.0
Erlang R13B03				Erlang 20
Rebar				

[WIP] Turn Zotonic components into OTP applications #1717

Edit

Open **ddeboer** wants to merge 14 commits into `master` from `otp`

Conversation 3 | Commits 14 | Files changed 3,430

Changes from **all commits** | 3,430 files | +65,916 −65,543 | Unified | Split | Review changes

The diff you're trying to view is too large. We only load the first 3000 changed files.

ferd commented on Aug 10, 2016 Owner

In fact, I can't publish erlpass to hex because the bcrypt dependencies on there are too old. Can't do it for now.

zotonic / hexpub

Unwatch 6 | Unstar 3 | Fork 0

Code | Issues 0 | Pull requests 0 | Projects 0 | Wiki | Settings | Insights

Automatically publish Erlang packages to Hex.pm

Edit

erlang travis-ci package Manage topics

7 commits | 1 branch | 0 releases | 1 contributor | MIT

Branch: master | New pull request | Create new file | Upload files | Find file | Clone or download

ddeboer Make deploy script single-line, which is required by Travis — Latest commit eec0f8d 5 days ago

LICENSE	Initial commit	5 days ago
README.md	Make deploy script single-line, which is required by Travis	5 days ago
hexpub.sh	Chmod +x hexpub.sh	5 days ago

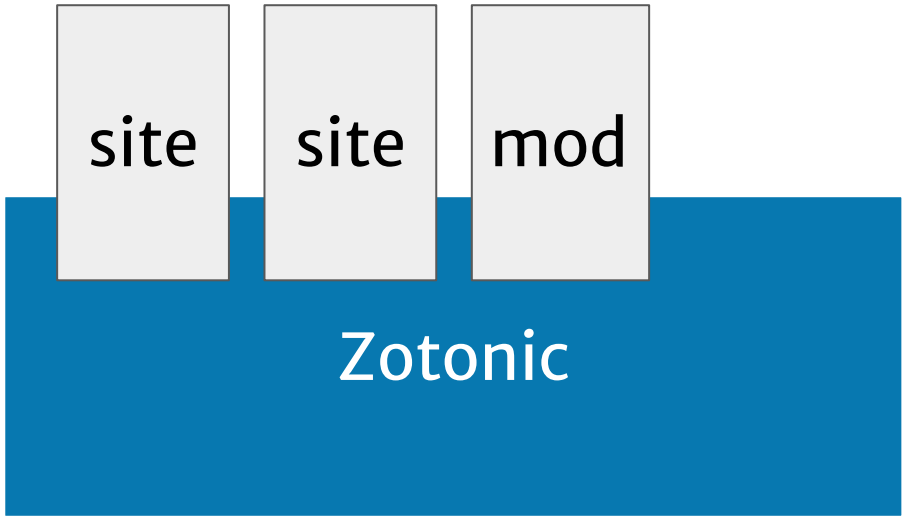
README.md

hexpub: + + = 👍

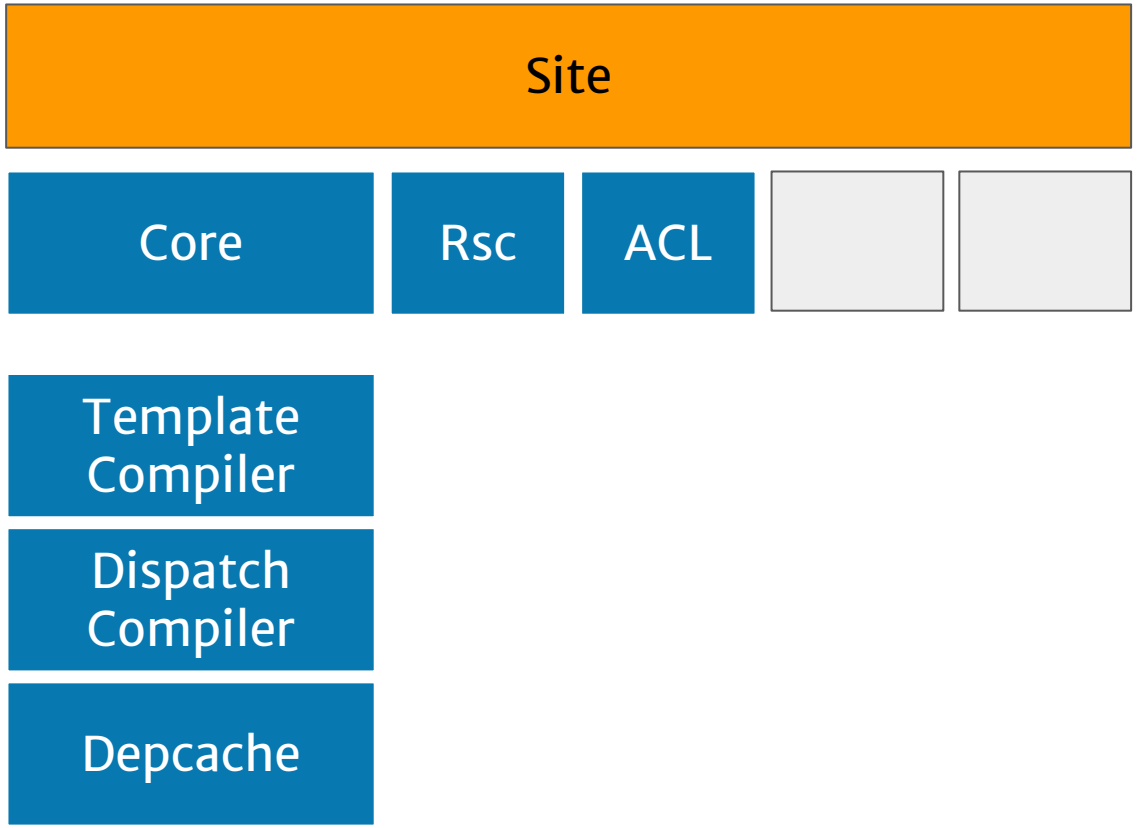
Keeping our packages up to date on Hex.pm is something we all forget too easily. This little script and Travis CI configuration automates publishing when you tag your Git repository.

Because Travis CI has no Hex.pm deployment provider (yet), we'll have to do some more work. This solution is based on an article by Tristan Sloughter.

As application server



As dependency



Thanks!

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zotonic.com