Armin Ronacher

@mitsuhiko

Flask / Sentry / Lektor
Find the Slides at
lucumr.pocoo.org/talks
reach out to me!
I want to talk :)
TypeError: Cannot read property 'componentWillReceiveProps' of null

Details
- Tags: browser = Chrome 50.0, device = Other, environment = prod, level = error, logger = javascript, os = Mac OS X 10.11.4, release = a89626174115214fcf1e8d29bfc7018a287bfc64, sentry_version = 1c5ae57c8a9c1dec5ebc83331d8e6572879ea2ad, url = https://app.getsentry.com/make-me-up-co/

User
- user: id:43428
TypeError
Cannot read property 'id' of undefined

/app/views/projectDetails.jsx in Constructor.onProjectChange at line 90:59

85.  onProjectChange(projectIds) {
86.   if (!this.state.project) return;
87.   if (!projectIds.has(this.state.project.id)) return;
88. 
89.   this.setState({
90.     project: [...ProjectStore.getById(this.state.Project.id)]
91.   });
92. },
93. 
94.  identifyProject() {
95.   let {params} = this.props;

Called from: ~/reflux-core/lib/PublisherMethods.js in EventEmitter.eventHandler

/app/stores/projectStore.jsx in Store.loadInitialData at line 25:9

/app/views/organizationDetails.jsx in Request.success at line 100:21

/app/api.jsx in Object.success at line 61:20

Called from: ~/jquery/dist/jquery.js in fire
84.114.93.8

iPod Touch 6G
arm64

iOS
Version: 10.1.1

TAGS

device iPod Touch 6G device.family iPod level fatal os iOS 10.1.1 os.name iOS release 1.0

Thread #0 (most recent call first)

id Ø name n/a was.active no crashed yes

EXC_BREAKPOINT
fatal error: Index out of range
Index out of range

mach.exception EXC_BREAKPOINT

SentryDemo 0x00071c7c main (AppDelegate.swift:13)

Called from: UIKit UIApplicationMain

SentryDemo 0x00070a4c @objc SentryDemo:ViewController:CrashIt (protocol<>) -> () (ViewController.swift)

SentryDemo 0x00070940 SentryDemo:ViewController:CrashIt (protocol<>) -> () (ViewController.swift:25)
ProviderNotRegistered

google

```
sentry/auth-manager.py in get at line 23

20.     try:
21.         cls = self._values[key]
22.     except KeyError:
23.         raise ProviderNotRegistered(key)
24.     return cls(key=key, **kwargs)
25.
26. def exists(self, key):

key       u'google'

kwargs    {
            u'domain': u'getsentry.com'
        }
```

```
sentry/models/authprovider.py in get_provider at line 47

sentry/web/frontend/auth_organization_login.py in handle_sso at line 95

sentry/web/frontend/auth_organization_login.py in handle at line 135

Called from: django/db/transaction.py in inner

sentry/web/frontend/base.py in dispatch at line 186

Called from: django/utils/decorators.py in bound_func
```
<table>
<thead>
<tr>
<th>Event Type</th>
<th>Action</th>
<th>Description</th>
<th>Timestamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>xhr</td>
<td>GET</td>
<td>/api/0/subscriptions/make-me-up-co/ [200]</td>
<td>21:39:46</td>
</tr>
<tr>
<td>sentry</td>
<td>TypeError: Cannot read property '_currentElement' of null</td>
<td>21:39:46</td>
<td></td>
</tr>
<tr>
<td>ui.click</td>
<td>div.col-md-2.org-sidebar &gt; div &gt; ul.nav.nav-stacked &gt; li &gt; a</td>
<td>21:39:51</td>
<td></td>
</tr>
<tr>
<td>navigation</td>
<td>to</td>
<td>/organizations/make-me-up-co/teams/</td>
<td>21:39:51</td>
</tr>
<tr>
<td></td>
<td>from</td>
<td>/make-me-up-co/</td>
<td>21:39:51</td>
</tr>
<tr>
<td>sentry</td>
<td>TypeError: Cannot read property '_currentElement' of null</td>
<td>21:39:51</td>
<td></td>
</tr>
<tr>
<td>ui.click</td>
<td>span.pull-right.org-selector.dropdown &gt; a.dropdown-toggle &gt; span</td>
<td>21:39:54</td>
<td></td>
</tr>
<tr>
<td>ui.click</td>
<td>ul.dropdown-menu-right.dropdown-menu &gt; li.active &gt; a</td>
<td>21:39:56</td>
<td></td>
</tr>
<tr>
<td>navigation</td>
<td>to</td>
<td>/make-me-up-co/</td>
<td>21:39:56</td>
</tr>
<tr>
<td></td>
<td>from</td>
<td>/organizations/make-me-up-co/teams/</td>
<td>21:39:56</td>
</tr>
<tr>
<td>error</td>
<td>TypeError: Cannot read property 'componentWillReceiveProps' of null</td>
<td>21:39:57</td>
<td></td>
</tr>
</tbody>
</table>
THE TWO PRODUCTS
sentry vs 'getsentry'
sentry

open source repo
on-premise
monthly releases
'getsentry' billing & quotas depends on sentry hourly deploys
GROWING THE TEAM
2.5 to 25

more process
keep processes light
keep developers happy
2 locations

process in code
natural for us because of
the Open Source nature
THE GOALS
deploy in seconds
be unable to screw up
and if you do: instant rollbacks
tag a release once a month
WORKFLOW
commit
review
integration
deploy
requires good test coverage
requires good local setup
makes it easier for newcomers
COMMITTING
lint on commit!

mitsuhiko at herzog in ~/Development/sentry on git:master+
workon sentry
$ git ci -am 'Performance improvements to the data scrubber.'
src/sentry/utils/data_scrubber.py:147:1: F401 'unused' imported but unused
On Prem: 1 Release / Month
Hosted: 5 Deployments / Day
April 9, 2016 – May 9, 2016

Overview

111 Active Pull Requests
104 Merged Pull Requests
7 Proposed Pull Requests
46 Closed Issues
31 New Issues

Excluding merges, 13 authors have pushed 213 commits to master and 247 commits to all branches. On master, 251 files have changed and there have been 8,385 additions and 1,681 deletions.

Published 8.3.2 28 days ago
Published 8.2.5 12 days ago
Published 8.3.3 12 days ago
Published 8.4.0 7 days ago

4 Releases published by 1 person

104 Pull requests merged by 12 people
master is stable
1. branch off master
2. pull request
3. merge
all the pull requests

fix letter avatars in email #3059

Merged

macqueen commented 22 days ago

@getsentry/ui

fix letter avatars in email

mattrobonil commented 22 days ago

It’d be worthwhile to probably add some tests for this template tag next. I wouldn’t hold up this fix for it though.

Question: if it’s simple to use HTML, is there a reason we want to use SVG elsewhere and not just use HTML all the time?

Fix the listing issue and it looks good to me.

add tests for html version of letter avatar
!! AVOID DOWNTIME !!
postgres <3

transactional ddl, concurrent indexes, cheap alter table add nullable columns
bidirectional compatibility
separation of state and connections
CONTINUOUS TESTING
sentry

travis-ci.org

test all the code
getsentry

travis-ci.com

test code relevant for us
FREIGHT

wait for travis ➤ build ➤ ship
bidirectional communication with the main slack channel
dev never matches prod :(
thus: **fast rollbacks!**

(backwards + forwards compatibility)
large systems are organisms
not all things will run the same code at the same time
data schema ~ code behavior
break up larger features
feature flag it!
(we shipped some code to on-prem we backed out)
REPO STRUCTURE
move towards "monorepos"
(but within what is possible with our tools)
{not as mono as we would like}
MOVING PARTS
keep **dev** basic: fewer parts
do not diverge dev from prod too much
virtual machines and docker are not an acceptable dev environment
REPRODUCIBLE BUILDS
pip freeze / yarn
nothing is more frustrating than a failed deploy because a dependency of a dependency of a dependency of a dependency pushed out a broken release
build once > ship to many
BINARY DEPS
OS X & “manylinux”
C/C++/Rust Modules for Python
Build in Docker on old CentOS
Debian / RHEL / Ubuntu
MONITOR FAILURES
associate failures to users
map support requests to failures
use sentry :-}
FRIENDLY ROBOTS
replace yourself!
bots and webhooks
github hooks
notify to communication hub

21:44  jtcunning and seeing as how we have 500k+ pulls, we're probably part of that list
21:44  Freight  BOT  [getsentry/production] Successfully deployed #2060 (e9e7e4c) after 1082.96s
21:44  matt  Yeah, I have no way to gauge that scale.
21:45  🌟  Like, that seems like a super crazy amount, haha
testing danger.systems
BETTER CLIMATE
the more robots,
the better the integration,
the smaller the fear of doing damage
If you can launch a feature on your first day of work that's motivating
also: happy customers
reach out to me!
I want to talk :)