

# **The Ruby workflow**

or: Less workflow, more Ruby.

# Who am I?

Clemens Helm @clemenshelm

- Codeship mate
- Web & Rails
- Screencaster
- Vienna office

# Why am I talking?

- Proposal @ Euruko
- Works great @ Codeship
- 10 deploys per (good) day

# The workflow


1. Develop
2. Pull request
3. Go live

# Develop


- Git feature branches
- Tiny features
- Behavior-driven development
- Continuous Integration

# Continuous Integration











Tests on every push to GitHub

 CODESHIP

Choose a project...


 Clemens Helm

Want to talk to us? Just [send us a message!](#)

|     |  |
|-----|--|
| all |  <b>cloudcit: refactored tests and fixed deployments js to not remove deploym...</b> 6 minutes ago running... >     |
| 6   | bundle install --without production 0 min 8 sec ✓  |
| 7   | bundle exec rake db:schema:load parallel:prepare 1 min 52 sec ✓  |
| 8   | bundle exec rake parallel:spec 3 min 26 sec all  |
| ✓   |  <b>cloudcit: changed rails commands and put autofocus on language dropdown</b> 27 minutes ago 18 min 41 sec >      |
| ✓   |  <b>cloudcit: added sleep because of failing cassette</b> about 2 hours ago 18 min 10 sec >                         |
| ✓   |  <b>cloudcit: rewrite test to use stubs</b> about 14 hours ago 18 min 24 sec >                                      |
| !   |  <b>cloudcit: needed to add a sleep for cassette to be closed</b> about 15 hours ago 16 min 45 sec >                |
| ✓   |  <b>cloudcit: Fixing small syntax and step renaming issues from pull request</b> about 15 hours ago 18 min 32 sec > |
| ✓   |  <b>cloudcit: changed how project update event is called order of attributes</b> about 15 hours ago 21 min 28 sec > |
| !   |  <b>cloudcit: changed one other call to the event due to wrong name</b> about 15 hours ago 21 min 31 sec >          |
| !   |  <b>cloudcit: fixed wrong event name</b> about 16 hours ago 11 min 12 sec >  |
| ✓   |  <b>cloudcit: updated test to include project as event attribute</b> about 17 hours ago 23 min 19 sec >           |



# Pull request

Request merge into master branch





clemenshelm opened this pull request 21 hours ago

**Fixed that followed projects were taken into account for the concurrent ...**

AlexTi is assigned  No milestone 


...build limit.

**✓ Good to merge — Build succeeded (Details)**







2 participants  


**Open**

+ 85 additions  
- 3 deletions



clemenshelm added some commits 21 hours ago

-  clemenshelm Fixed that followed projects were taken into account for the concurre...  [2021082](#)
-  clemenshelm Semantic corrections.  [828a0f5](#)
-  clemenshelm Fixed that builds should be waiting at build limit already.  [07f5f67](#)






AlexTi started a discussion in the diff 18 hours ago

features/letting\_builds\_wait.feature [View full changes](#)




```
... @@ -0,0 +1,18 @@
1 +Feature: Letting builds wait
2 + In order to trigger more builds than my allowed concurrent builds
3 + As a user
4 + I want additional builds to wait until the concurrent builds have finished running
5 +
6 + Background:
7 +   Given I am signed in as "herbert@awesomestartup.com"
8 +
9 + @vcr
10 + Scenario: Don't consider builds from projects that I follow for concurrent build limit
11 +   Given I've got a project named "The Flintstones"
12 +   And I am team member of the project "The Teletubbies"
13 +   And there are as many builds as my build limit testing for project "The Teletubbies"
```

2

 AlexTi 18 hours ago  

vorschlag:

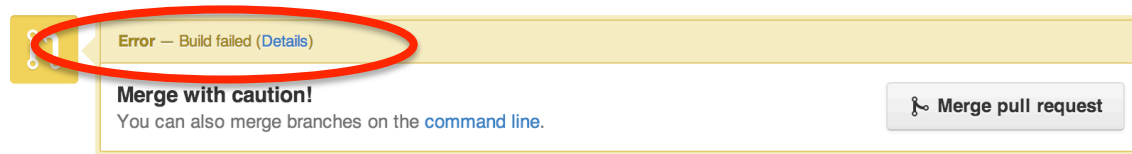
"I have reached the build limit for concurrently running builds for project ..."

 clemenshelm 2 hours ago  

Hmm... das sagt aber net das gleiche aus. Ich bessere es mal aus auf

my testing builds of project ... have reached the maximum number of concurrent builds


Add a line note



A yellow banner with a red circle around the error icon and text. The icon is a yellow square with a white exclamation mark. The text reads "Error — Build failed (Details)". Below this, the banner says "Merge with caution!" and "You can also merge branches on the [command line](#)". On the right side of the banner is a button that says "Merge pull request" with a branch icon.

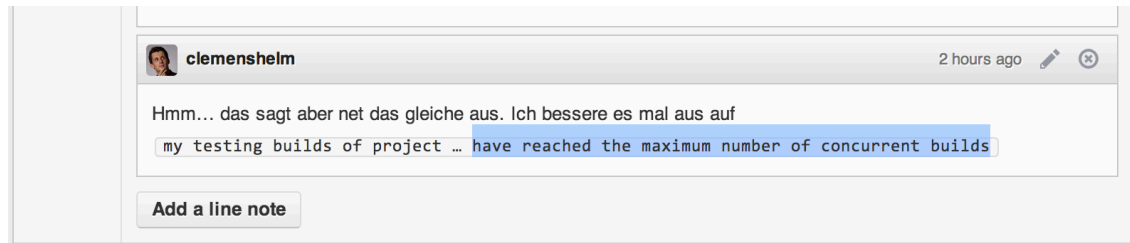
Error — Build failed ([Details](#))

**Merge with caution!**  
You can also merge branches on the [command line](#).


 Merge pull request

**Ooops...**






You can add more commits to this pull request by pushing to the **bug/incorrectly-waiting-build** branch on **flomotlik/cloudcit**



**Good to merge** — Build succeeded ([Details](#))



**This pull request can be automatically merged.**  
You can also merge branches on the [command line](#).








## Continuous Deployment

Implicitly after merge.

# Continuous Deployment

|    |   |   |
|----|---|---|
| ✓  |  <b>cloudcit:</b> Merge pull request #365 from flomotlik/bug/design-form-bug Bug/desi...<br>clemenshelm master e9f5ae5f about 21 hours ago 31 min 21 sec |  |
| 1  | Exporting Environment   | 0 min 4 sec ✓   |
| 2  | git clone --branch master --depth 50 git@github.com:flomotlik/cloudcit.git clone  | 0 min 7 sec ✓   |
| 3  | cd clone  | 0 min 2 sec ✓   |
| 4  | git checkout -qf e9f5ae5f35c6e96b217f93af86a0457261de7841   | 0 min 2 sec ✓   |
| 5  | rvm use 1.9.3   | 0 min 2 sec ✓   |
| 6  | bundle install --without production   | 0 min 8 sec ✓   |
| 7  | bundle exec rake db:schema:load parallel:prepare  | 2 min 16 sec ✓  |
| 8  | bundle exec rake parallel:spec  | 7 min 36 sec ✓  |
| 9  | bundle exec rake parallel:features  | 9 min 23 sec ✓  |
| 10 | bundle exec guard-jasmine --server_timeout 180  | 1 min 21 sec ✓  |
| 11 | bundle exec rake coveralls:push   | 0 min 57 sec ✓  |
| 12 | check_access_to_heroku_app codeship-staging   | 0 min 2 sec ✓   |
| 13 | git remote add heroku_codeship-staging git@heroku.com:codeship-staging.git  | 0 min 2 sec ✓   |
| 14 | git push heroku_codeship-staging \$COMMIT_ID:master -f  | 4 min 40 sec ✓  |
| 15 | heroku_run rake db:migrate codeship-staging   | 0 min 27 sec ✓  |
| 16 | heroku restart --app codeship-staging   | 0 min 9 sec ✓   |
| 17 | curl -sSfL --retry 3 -k https://staging.codeship.io > /dev/null   | 0 min 4 sec ✓   |
| 18 | check_access_to_heroku_app codeship   | 0 min 2 sec ✓   |
| 19 | git remote add heroku_codeship git@heroku.com:codeship.git  | 0 min 2 sec ✓   |
| 20 | git push heroku_codeship \$COMMIT_ID:master   | 3 min 50 sec ✓  |
| 21 | curl -sSfL --retry 3 https://www.codeship.io > /dev/null  | 0 min 2 sec ✓   |

# Continuous Deployment

|    |  |              |   |
|----|--|--------------|---|
| ✓  | <div><div></div><div><div>cloudcit: Merge pull request #365 from flomotlik/bug/design-form-bug Bug/desi...</div><div>about 21 hours ago</div></div></div> <div><div> clemenshelm</div><div><div> master</div><div><div> e9f5ae5f</div><div>31 min 21 sec</div></div></div><div></div></div> |              |   |
| 1  | Exporting Environment  | 0 min 4 sec  | ✓ |
| 2  | git clone --branch master --depth 50 git@github.com:flomotlik/cloudcit.git clone   | 0 min 7 sec  | ✓ |
| 3  | cd clone   | 0 min 2 sec  | ✓ |
| 4  | git checkout -qf e9f5ae5f35c6e96b217f93af86a0457261de7841  | 0 min 2 sec  | ✓ |
| 5  | rvm use 1.9.3  | 0 min 2 sec  | ✓ |
| 6  | bundle install --without production  | 0 min 8 sec  | ✓ |
| 7  | bundle exec rake db:schema:load parallel:prepare   | 2 min 16 sec | ✓ |
| 8  | bundle exec rake parallel:spec   | 7 min 36 sec | ✓ |
| 9  | bundle exec rake parallel:features   | 9 min 23 sec | ✓ |
| 10 | bundle exec guard-jasmine --server_timeout 180   | 1 min 21 sec | ✓ |
| 11 | bundle exec rake coveralls:push  | 0 min 57 sec | ✓ |
| 12 | check_access_to_heroku_app codeship-staging  | 0 min 2 sec  | ✓ |
| 13 | git remote add heroku_codeship-staging git@heroku.com:codeship-staging.git   | 0 min 2 sec  | ✓ |
| 14 | git push heroku_codeship-staging \$COMMIT_ID:master -f   | 4 min 40 sec | ✓ |
| 15 | heroku_run rake db:migrate codeship-staging  | 0 min 27 sec | ✓ |
| 16 | heroku restart --app codeship-staging  | 0 min 9 sec  | ✓ |
| 17 | curl -sSfL --retry 3 -k https://staging.codeship.io > /dev/null  | 0 min 4 sec  | ✓ |
| 18 | check_access_to_heroku_app codeship  | 0 min 2 sec  | ✓ |
| 19 | git remote add heroku_codeship git@heroku.com:codeship.git   | 0 min 2 sec  | ✓ |
| 20 | git push heroku_codeship \$COMMIT_ID:master  | 3 min 50 sec | ✓ |
| 21 | curl -sSfL --retry 3 https://www.codeship.io > /dev/null   | 0 min 2 sec  | ✓ |

# **(Dis)advantages**

- + Only hours from idea to shipping it
- + Everybody can contribute
- + Code quality
- + Shared knowledge
- + Deployment just happens
- Pull request cycle

**Your 2 cents.**

# By the way...

- Rails girls & boys...
- Ruby DevOps...
- Frontend hackers...

... come on join the  
Codeship crew!

