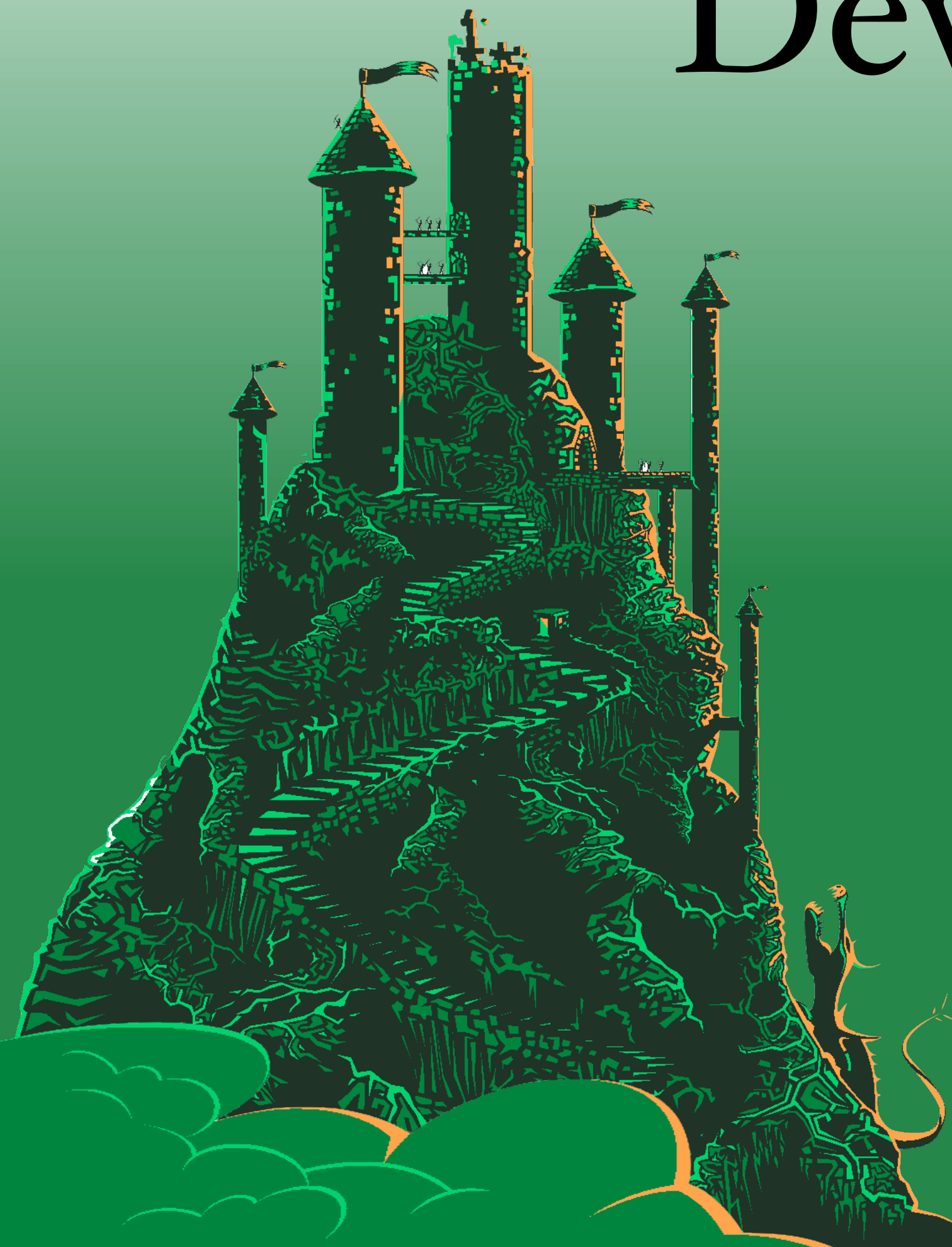


# Develop your Development Automation

@jessitron



goto;  
conference

# The power of local automation



# The power of local automation

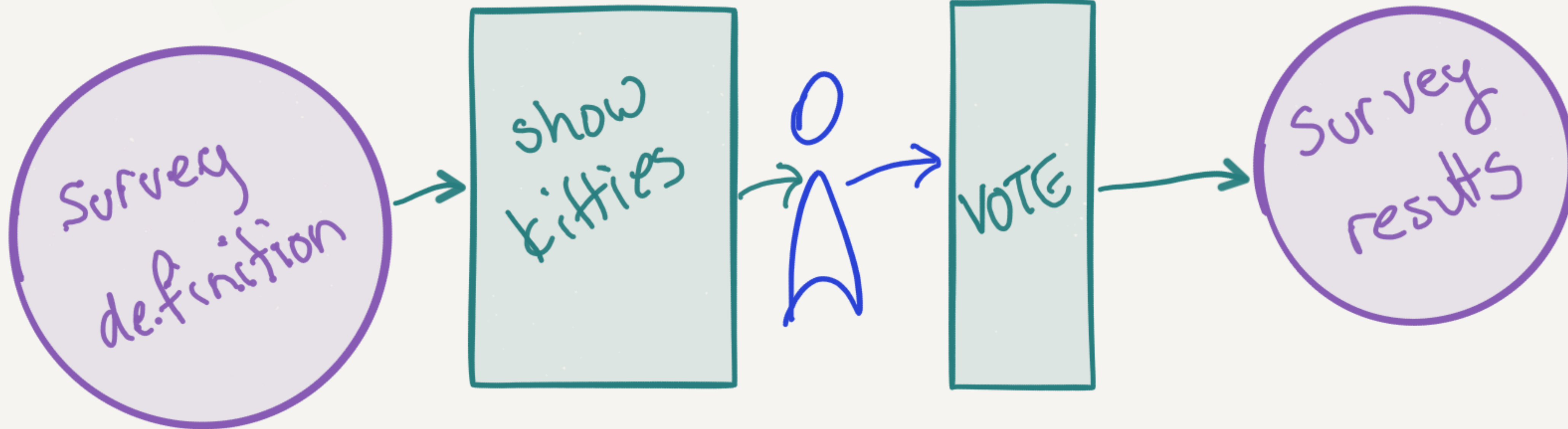


ATOMIST

Spring  
REST  
service

Front End  
survey-elm

Spring  
REST  
service  
london







**jessitron** 🌱 2:03 PM

I want to make more kitties

(someone else): sounds great, I'd like more kitties

anyone else working on this yet

nope



**jessitron** 🌱 2:03 PM

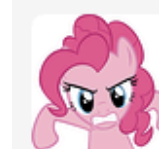
@atomist create issue



5 replies Last reply today at 2:04 PM

## Thread

atomist and you



**jessitron** 🌱 Today at 2:03 PM ☆

in #survey-elm



@atomist create issue

5 replies



**atomist** APP 1 minute ago

jessitron, please enter a **title**, The issue title



**jessitron** 🌱 < 1 minute ago

implement service to supply kitty options



**atomist** APP < 1 minute ago

jessitron, please enter a **body**, The issue body



**jessitron** 🌱 < 1 minute ago

Make the "New Survey" button work. We want more kitties!



**atomist** APP < 1 minute ago

atomist:github-rugs:CreateGitHubIssue

Create an issue on GitHub

### Parameters

**repo**

survey-elm

**title**

implement service to supply kitty options

**body**

Make the "New Survey" button work. We want more kitties!



@jessitron submitted

Today at 2:04 PM



**jessitron** 🌿 2:03 PM

I want to make more kitties

(someone else): sounds great, I'd like more kitties

anyone else working on this yet

nope



**jessitron** 🌿 2:03 PM

@atomist create issue



**5 replies** Last reply today at 2:04 PM



**atomist** APP 2:04 PM

New issue **#5: implement service to supply kitty options**



@jessitron

Make the "New Survey" button work. We want more kitties!



satellite-of-love/survey-elm | Today at 2:04 PM

Assign

Label

Close

Comment





**atomist** APP 2:04 PM

Updated issue [#5: implement service to supply kitty options](#)



@jessitron



**in-progress**

Make the "New Survey" button work. We want more kitties!



satellite-of-love/survey-elm | Today at 2:10 PM

Assign

Label

Close

Comment



(edited)



**jessitron** 🌿 2:09 PM

@atomist start work --issue 5



**atomist** APP 2:10 PM

Starting work by @jessitron (id is U1JV26JDN, github login jessitron) on survey-elm#5

Added in-progress label

Assigned jessitron



satellite-of-love

jessitron

All Threads

CHANNELS

# atomist-config

# atomist-k8-specs

# general

# kitty-survey

# kittytime

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

# workflow-rugs

#survey-elm

4 | 0 | https://satellite-of-lov...

Yester

there are no repos linked to this chan

jessitron 11:08 PM

@atomist repos

atomist APP 11:08 PM

there are no repos linked to this chan

Toda

jessitron 12:53 AM

@atomist let's go

6 replies Last reply today at 12:54

atomist APP 12:54 AM

Creating a new repo called kittytime

+ Message #survey-elm

Thread

atomist and you

atomist APP < 1 minute ago

jessitron, please enter a projectName, project na

jessitron < 1 minute ago

kittytime

atomist APP < 1 minute ago

satellite-of-love:rest-service-generator:Init

generate and spin up a new REST service

Parameters

You can change any parameter by typing: set [parameter] [value]

projectName

kittytime

description

Mystery Project

Would you like to submit these parameters?

Submit

Cancel

You can also type 'submit' to confirm parameters or 'cancel' to cancel the command

jessitron < 1 minute ago

set description to "provide survey options"

1

atomist APP < 1 minute ago

satellite-of-love:rest-service-generator:Init

generate and spin up a new REST service

Parameters



satellite-of-love ▾



● jessitron 

🗨 All Threads

CHANNELS



# atomist-config

# atomist-k8-specs

# **general**

# kitty-survey

# **kittytime**

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

#kittytime

☆ | 👤 2 | 📌 0 | *Add a topic*



🔍 Search

Today



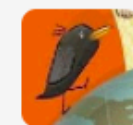
**jessitron**  12:54 AM

*joined #kittytime, and invited @atomist*



**atomist** APP 12:54 AM ☆

1 new commit to [satellite-of-love/kittytime/master](#)



@jessitron

**80e8111**

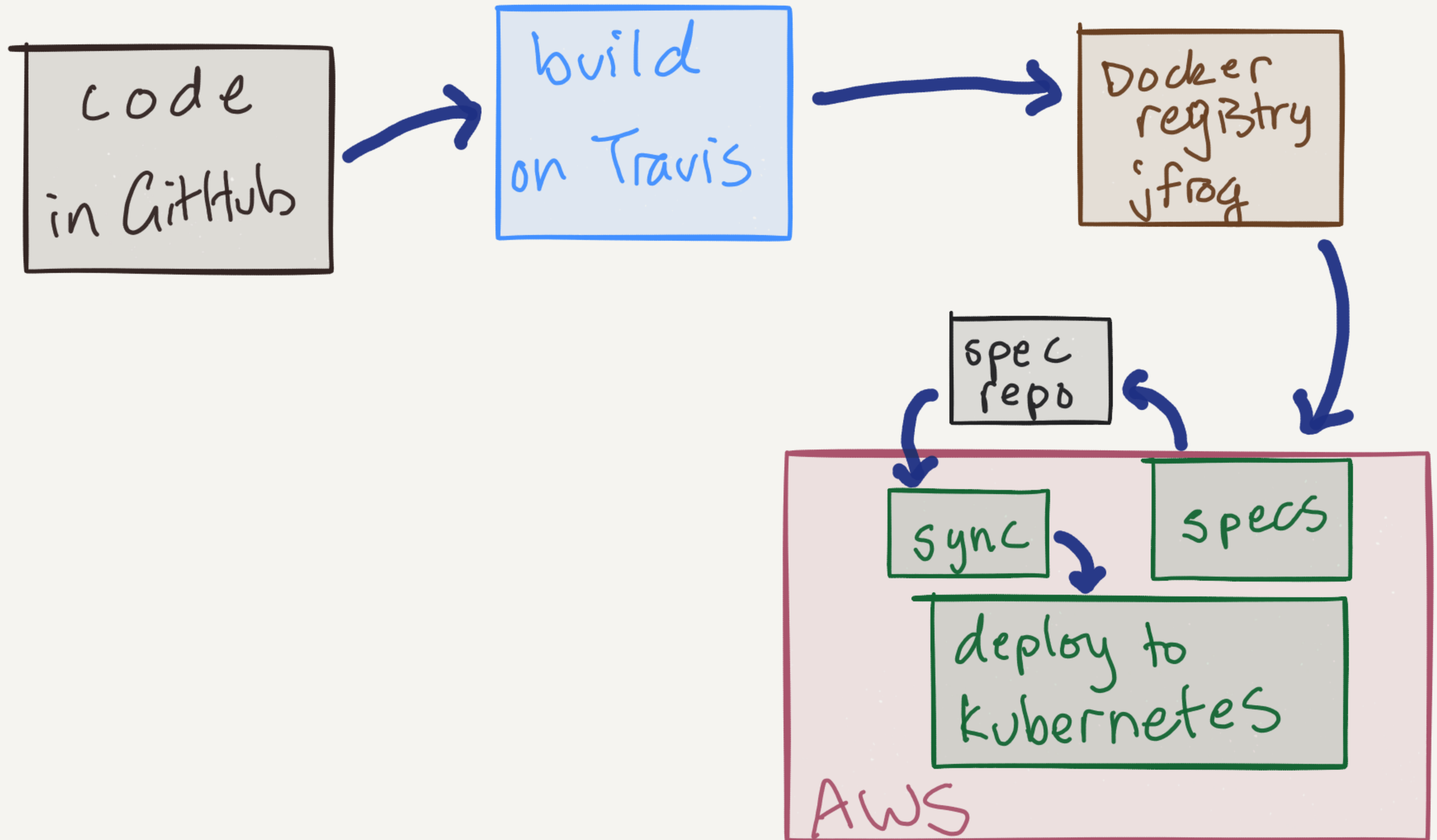
initial commit by Atomist

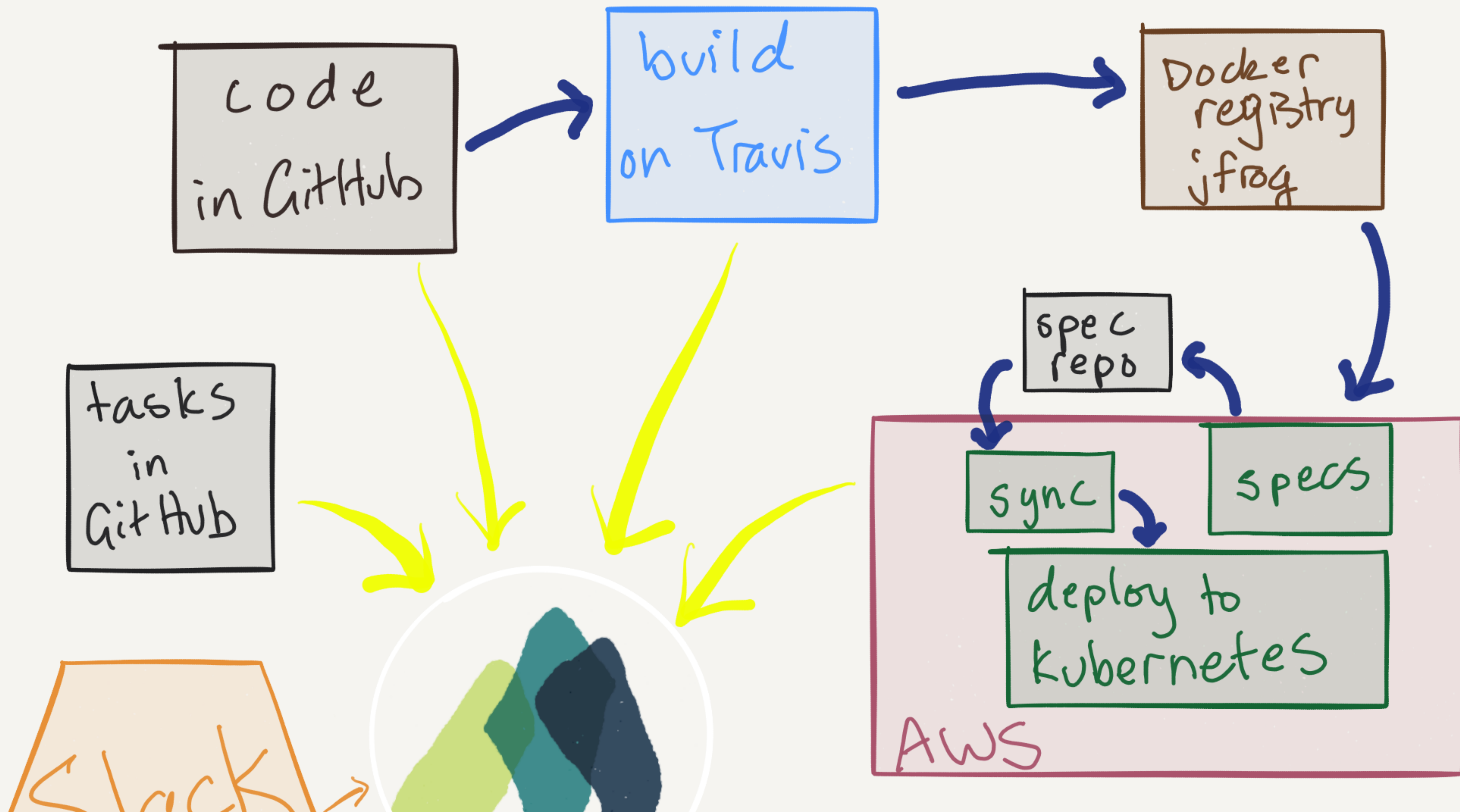


GitHub

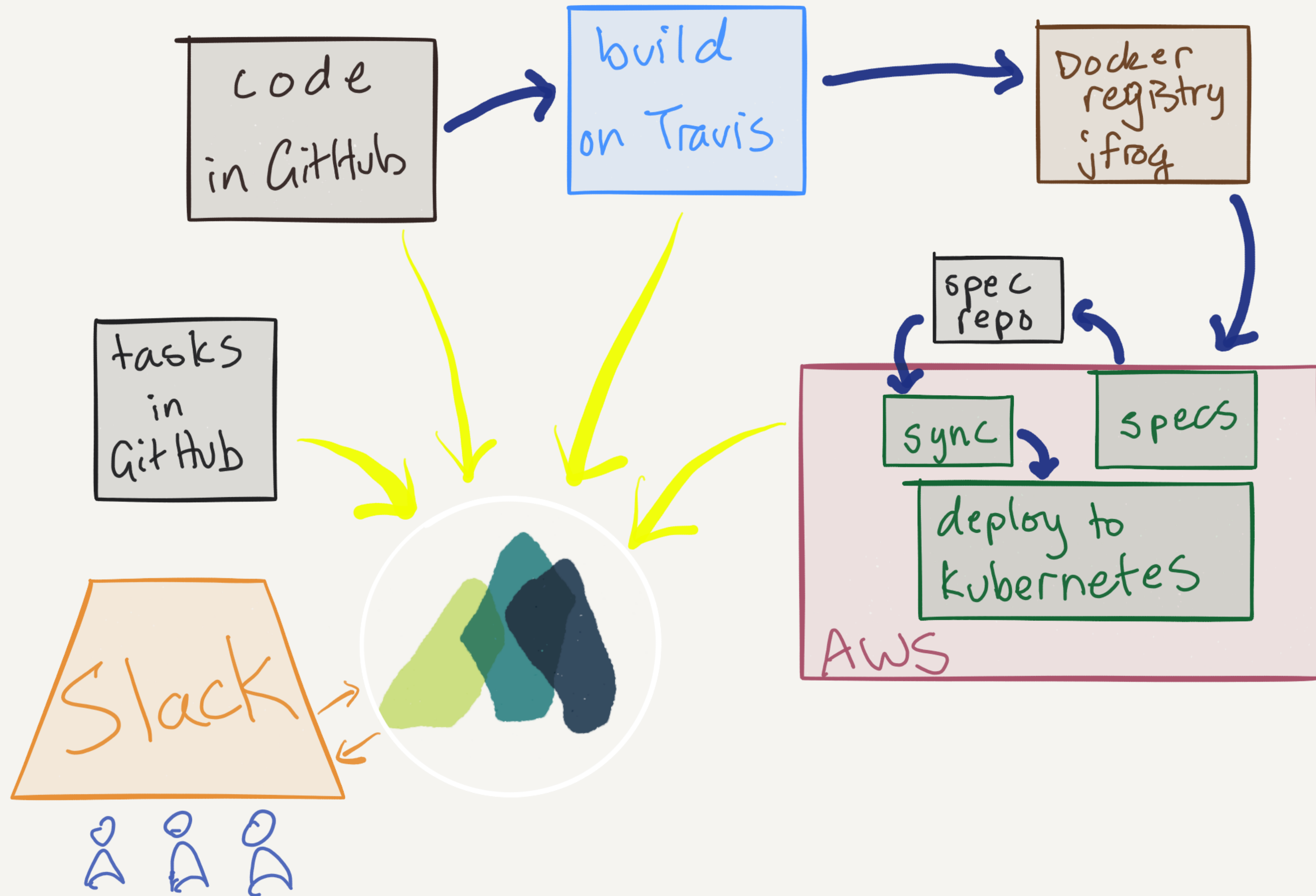
[satellite-of-love/kittytime](#)

kittytime - "provide survey options"











satellite-of-love ▾



● jessitron 

≡ All Threads

CHANNELS



# atomist-config

# **atomist-k8-specs**

1

# general

# kitty-survey

# **kittytime**

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

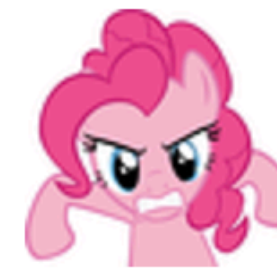
#kittytime

☆ | 👤 2 | ⚡ 0 | *Add a topic*



🔍 Search

Today



**jessitron**  12:59 AM

@atomist spin me up



**atomist** APP 12:59 AM ☆

Oh goodie, I am going to make kittytime have a Travis build and a deployment spec

There are 5 steps to enabling a Travis build:

1: Enabled build for kittytime on [travis-ci.org](https://travis-ci.org)

2: Encrypted Github Token for travis

3: Encrypted Docker registry token for travis

4: Encrypted Docker token for Travis

5: Added Travis build files to the repository. Please accept my PR!



🗨 All Threads

## CHANNELS

# atomist-config

# **atomist-k8-specs**

1

# general

# kitty-survey

# kittytime

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

# workflow-rugs

DIRECT MESSAGES

There are 5 steps to enabling a Travis bu...

Today

1: Enabled build for kittytime on [travis-ci.org](https://travis-ci.org)

2: Encrypted Github Token for travis

3: Encrypted Docker registry token for travis

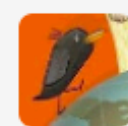
4: Encrypted Docker token for Travis

5: Added Travis build files to the repository. Please accept my PR!

12:59



1 new commit to [satellite-of-love/kittytime/atomist-preparetravis](https://github.com/satellite-of-love/kittytime/commit/d2af855)



@jessitron

[d2af855](https://github.com/satellite-of-love/kittytime/commit/d2af855)

set up a satellite-of-love REST service on Travis



Build #1 started on travis

(edited)

I made a PR to [atomist-k8-specs](https://github.com/atomist-k8-specs). Merge this to get deployments



GitHub

[satellite-of-love/atomist-k8-specs](https://github.com/satellite-of-love/atomist-k8-specs)

atomist-k8-specs - deployment specs



satellite-of-love

jessitron

All Threads

CHANNELS

# atomist-config

# atomist-k8-specs

# general

# kitty-survey

# kittytime

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

# workflow-rugs

DIRECT MESSAGES

slackbot

#atomist-k8-specs

4 | Add a topic



Search



Today

satellite-of-love/atomist-k8-specs

atomist-k8-specs - deployment specs

new message



atomist APP 12:59 AM

@jessitron wants to merge 1 commit from spin-up-kittytime to satellite-of-love

satellite-of-love/atomist-k8-specs

#31 Deploy new service kittytime at /kittytime

Once you merge this, kittytime will deploy at its next successful Travis build

Today at 12:59 AM

Merge



@jessitron

c95d58e Add deploy spec for service kittytime



GitHub

jessitron (Jessica Kerr)

jessitron has 98 repositories available. Follow their code on GitHub.



1 new commit to satellite-of-love/atomist-k8-specs/spin-up-kittytime



Message #atomist-k8-specs



satellite-of-love

jessitron

All Threads

CHANNELS

# atomist-config

# **atomist-k8-specs**

# general

# kitty-survey

# **kittytime**

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

# workflow-rugs

#kittytime

2

0

Add a topic

Search

Today

1:00

@jessitron wants to merge 1 commit from [atomist-preparetravisbuildfiles-14973947](#) master

satellite-of-love/kittytime

#1 set up a satellite-of-love REST service on Travis

Created by Atomist Editor [PrepareTravisBuildFiles](#)

---

kind: "operation"

client: "com.atomist:rug"

Show more...

Today at 12:59 AM

@jessitron

[d2af855](#) set up a satellite-of-love REST service on Travis

Build #2 started on travis

(edited)



satellite-of-love

jessitron

All Threads

CHANNELS

# atomist-config

# atomist-k8-specs

# general

# kitty-survey

# kittytime

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

# workflow-rugs

DIRECT MESSAGES

slackbot

#kittytime

☆ | 2 | 0 | Add a topic

Today

1:00 ☆

@jessitron merged 1 commit from [atomist-preparetravisbuildfiles-1497394790762](#) to m

satellite-of-love/kittytime

#1 set up a satellite-of-love REST service on Travis

Created by Atomist Editor [PrepareTravisBuildFiles](#)

```
---
kind: "operation"
client: "com.atomist:rug"
```

Show more...

Today at 1:16 AM

(edited).



atomist APP 1:16 AM

2 new commits to [satellite-of-love/kittytime/master](#)



@jessitron

[f0f6fd9](#) Merge pull request #1 from satellite-of-love/atomist-preparetravisbuildfiles-1497394790762

[d2af855](#) set up a satellite-of-love REST service on Travis



Build #4 started on travis

- # atomist-config
- # **atomist-k8-specs**
- # general
- # kitty-survey
- # **kittytime**
- # lizardspit
- # london
- # rest-service-generato
- # survey-elm
- # survey-source
- # welcome
- # workflow-rugs

Today

Show more...

Today at 1:16 AM

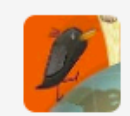
(edited)



**atomist** APP 1:16 AM ☆

2 new commits to [satellite-of-love/kittytime/master](#)

×



@jessitron

- f0f6fd9

Merge pull request #1 from satellite-of-love/atomist-k8-specs
- d2af855

set up a satellite-of-love REST service on Travis

✓ Build #4 passed on travis

Tag 1.0.0-20170613231713 created

Release

Pod started kittytime-366936686-ip09w

Today at 1:22 AM

(edited)

```
[master] kittytime $ curl https://survey.atomist.com/kittytime  
Hello REST Microservice World[master] kittytime $ █
```



satellite-of-love ▾



● jessitron 🍃

🗨 All Threads

CHANNELS



# atomist-config

# **atomist-k8-specs**

# general

# kitty-survey

# **kittytime**

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

# welcome

# workflow-rugs

#kittytime

☆ | 👤 2 | 📌 0 | *Add a topic*



🔍 Search

Today

[10161a9](#) Merge pull request

[d2af855](#) set up a satellite-of-love REST service on Travis



Build #4 passed on travis



Tag 1.0.0-20170613231713 created

Release



Pod started kittytime-366936686-ip09w

Today at 1:22 AM

(edited)



**jessitron** 🍃 1:24 AM

@atomist add endpoint



7 replies

Last reply today at 1:24 AM

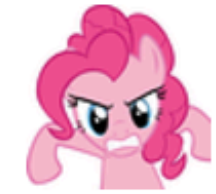


Message #kittytime



## Thread

atomist and you



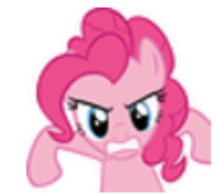
**jessitron** 🌱 Today at 1:24 AM  
in #kittytime

@atomist add endpoint

7 replies



**atomist** APP < 1 minute ago  
**jessitron**, please enter a **returnedClass**, type the endpoint will return



**jessitron** 🌱 < 1 minute ago  
Survey



**atomist** APP < 1 minute ago  
**jessitron**, please enter a **fieldName**, name of a field in your pojo, blank for none (or not a new pojo)



**jessitron** 🌱 < 1 minute ago  
seed



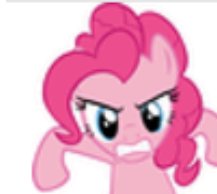
**atomist** APP < 1 minute ago  
**jessitron**, please enter a **fieldType**, type of that field in your pojo, blank for none (or not a new pojo)



**jessitron** 🌱 < 1 minute ago  
int

## Thread

atomist and you



**jessitron** 🌱 < 1 minute ago  
int



**atomist** APP < 1 minute ago ☆



satellite-of-love:rest-service-generator:AddRestEndpointPlease  
run an editor to add a REST endpoint to this project

### Parameters

You can change any parameter by typing: set [parameter] [value]

| repo      | returnedClass |
|-----------|---------------|
| kittytime | Survey        |
| fieldName | fieldType     |
| seed      | int           |

Would you like to submit these parameters?

Submit

Cancel

You can also type 'submit' to confirm parameters or 'cancel' to cancel this command

New Threads

CHANNELS

+

- # atomist-config
- # **atomist-k8-specs**
- # **general**
- # kitty-survey
- # **kittytime**
- # lizardspit
- # london
- # rest-service-generato
- # survey-elm
- # survey-source
- # welcome
- # workflow-rugs

DIRECT MESSAGES

+

#kittytime

☆ | 👤 2 | ⚡ 0 | Add a topic

Today



**atomist** APP 1:26 AM

I made a PR. Check out add-Survey-endpoint to work on it

1:26 ☆ @jessitron wants to merge 1 commit from [add-Survey-endpoint](#) to [master](#)

🔗 satellite-of-love/kittytime

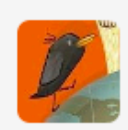
#2 Add a new endpoint to return a Survey

Created by Atomist Editor `AddRestEndpoint`

```
---
kind: "operation"
client: "com.atomist:rug"
```

Show more...

Today at 1:26 AM



@jessitron

`5d77581` Add a new endpoint to return a Survey

×



Build #7 started on travis





# # atomist-config

# # atomist-k8-specs

## # general

# # kitty-survey

# # kittytime

# # lizardspit

# # london

# # rest-service-generator

# # survey-elm

## # survey-source

# # welcome

# # workflow-rugs



2



## Add a topic



 Search

# Today



I made a PR. Check out add-Survey-endpoints to work on it



@jessitron wants to merge 2 commits from `add-Survey-endpoint` to `master`

×



satellite-of-love/kittytime

## #2 Add a new endpoint to return a Survey

Created by Atomist Editor [AddRestEndpoint](#)

— — —

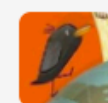
```
kind: "operation"
```

```
client: "com.atomist:rug"
```

Show more...

Today at 1:26 AM

## Merge

 @jessitron

6ec8eb1 impl

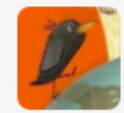
## e41879e Add a new endpoint to return a Survey

(edited)



1:43 ☆ 3 new commits to [satellite-of-love/kittytime/master](#)

×



@jessitron

cee704c

Merge pull request #2 from satellite-of-love/add-S...

e41879e

Add a new endpoint to return a Survey

6ec8eb1

impl



Build #13 passed on travis



Tag 1.0.0-20170613234418 created

Release



Pod started kittytime-1006109299-pyecg

Today at 1:47 AM

(edited)

```
[add-Survey-endpoint] kittytime $ curl -q https://survey.atomist.com/kittytime/survey?seed=1 | jq
```

| % Total<br>Time | % Received<br>Current | % Xferd | Average Speed<br>Dload | Speed<br>Upload | Time<br>Total | Time<br>Spent | T<br>L   |
|-----------------|-----------------------|---------|------------------------|-----------------|---------------|---------------|----------|
| 0               | 0                     | 0       | 0                      | 0               | 0             | --:--:--      | --:--:-- |
| 100             | 438                   | 100     | 438                    | 0               | 0             | 1024          | 0        |
| --:--           | 1025                  |         |                        |                 |               |               |          |

```
{
  "surveyName": "Survey 1",
  "seed": 1,
  "options": [
    {
      "imageLocation": "http://www.publicdomainpictures.net/pictures/60000/velka/green-eyed-kitty.jpg",
      "text": "green-eyed kitty",
      "place": 1
    }
  ]
}
```



Survey 9

# Choose a Kitty

seed:9



Vote

New Survey



"Civilization advances by extending  
the number of operations we can  
perform without thinking about them."

- Alfred North Whitehead

Why?

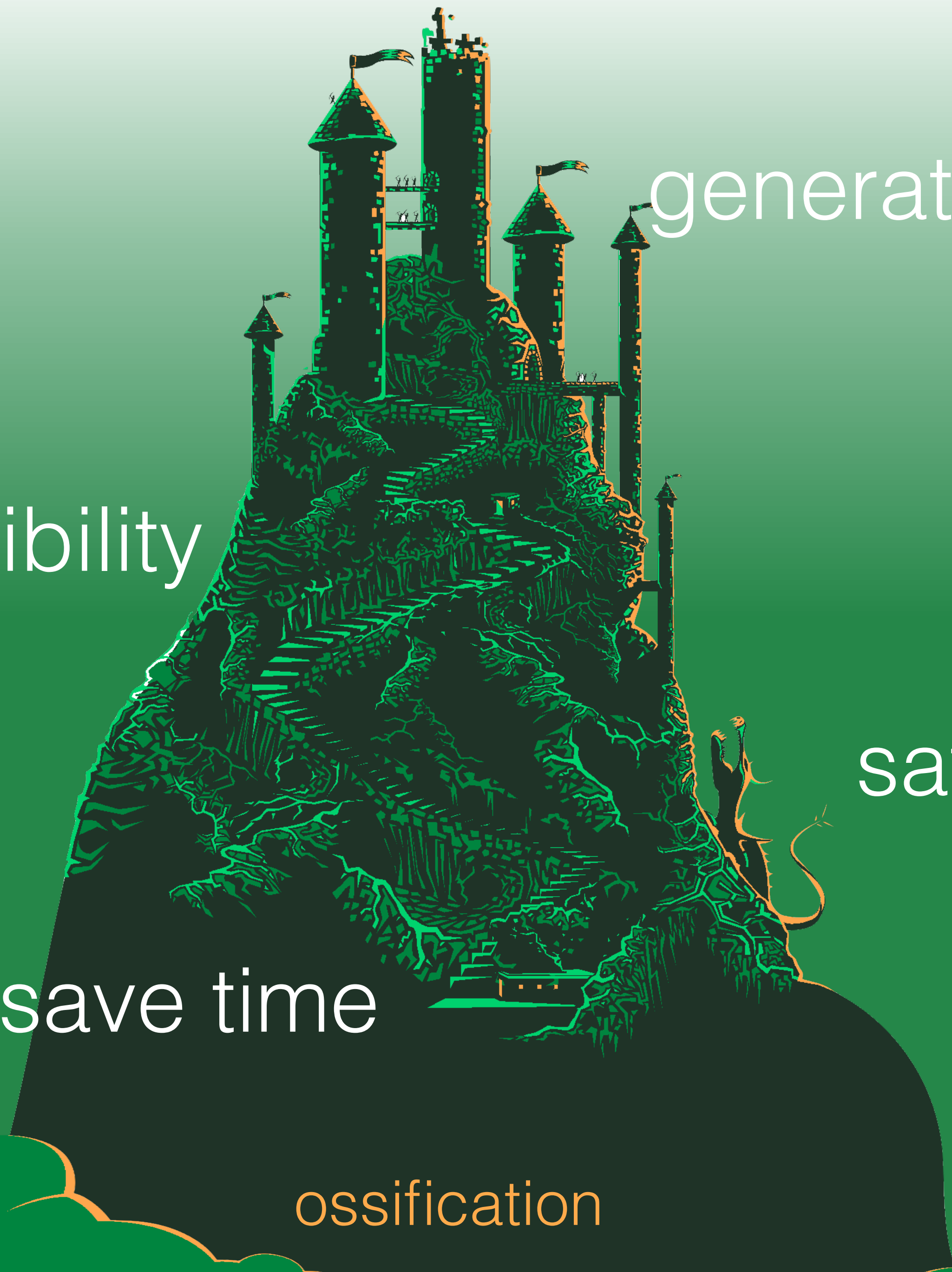
legibility

generativity

safety

save time

ossification





A stylized illustration of a mountain landscape. The mountains are rendered in various shades of green and blue, with jagged, angular peaks. A small, dark cabin with three orange windows sits on a flat patch of ground in the lower right. A person in a blue jacket and yellow hat stands near the cabin. The foreground features stylized green bushes and a blue sky with a few white clouds.

save time



safety

from disasters  
of all sizes



# legibility

understanding  
that rolls up





satellite-of-love ▾



jessitron 

All Threads

CHANNELS



# atomist-config

# **atomist-k8-specs**

# general

# kitty-survey

# kittytime

# lizardspit

# london

# rest-service-generato

# survey-elm

# survey-source

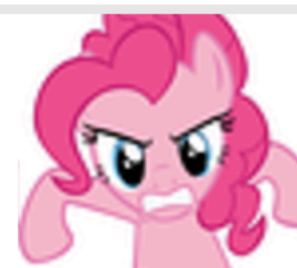
#survey-source




Search

☆ | 👤 3 | ⚡ 0 | Add a top...

Today



**jessitron**  2:04 AM

@atomist report library use



**atomist** APP 2:04 AM

Checked 7 projects. Found 7 dependent on  
com.jessitron/survey-source

"0.1.0"

satellite-of-love/kittytime

satellite-of-love/lizardspit

"0.3.2"

satellite-of-love/london



Message #survey-source

# legibility

understanding  
that rolls up







# generativity

your team's output  
with you  
vs without you



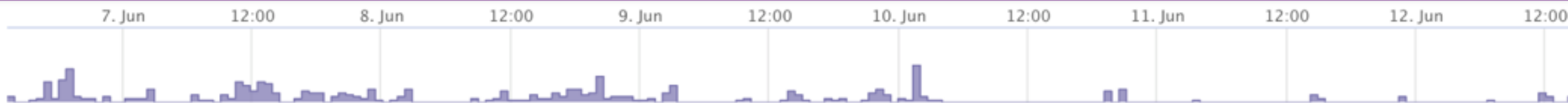
[Search](#)[Queries](#)[Dashboards](#)[Parsers](#)[Settings](#)[github](#)[Docs](#)[Save Query](#)

```
0 atomist | type=PushEvent | regex("(?<org>.*)/.*", field=repo.name)
1 | split(payload.commits)
2 | groupby(payload.commits.author.name, function=[count(distinct=true, payload.commits.sha), collect(org)])
3 | sort()
```

Table



559 Matches Found, 3.45GB/s, 100% done



| payload.commits.author.name | _count | @timestamp              | org  |
|-----------------------------|--------|-------------------------|--|
| Jessica Kerr                | 99     | 2017-06-06 22:38:11.000 | atomisthq satellite-of-love atomist                            |
| David Dooling               | 87     | 2017-06-06 13:52:12.000 | atomist atomisthq atomist-seeds ddgenome spring-team atomisthq |
| Christian Dupuis            | 78     | 2017-06-06 17:03:50.000 | atomisthq democritus-team atomist atomisthq atomist-seeds      |
| Russ Miles                  | 68     | 2017-06-06 17:35:20.000 | democritus-team atomisthq                                      |
| Lars Pastewka               | 26     | 2017-06-06 18:50:07.000 | Atomistica   |
| Rod Johnson                 | 22     | 2017-06-07 19:26:08.000 | atomisthq  |
| johnsonr                    | 20     | 2017-06-07 02:00:00.000 | atomisthq spring-team  |
| James Carnegie              | 15     | 2017-06-07 10:29:14.000 | atomist atomisthq  |

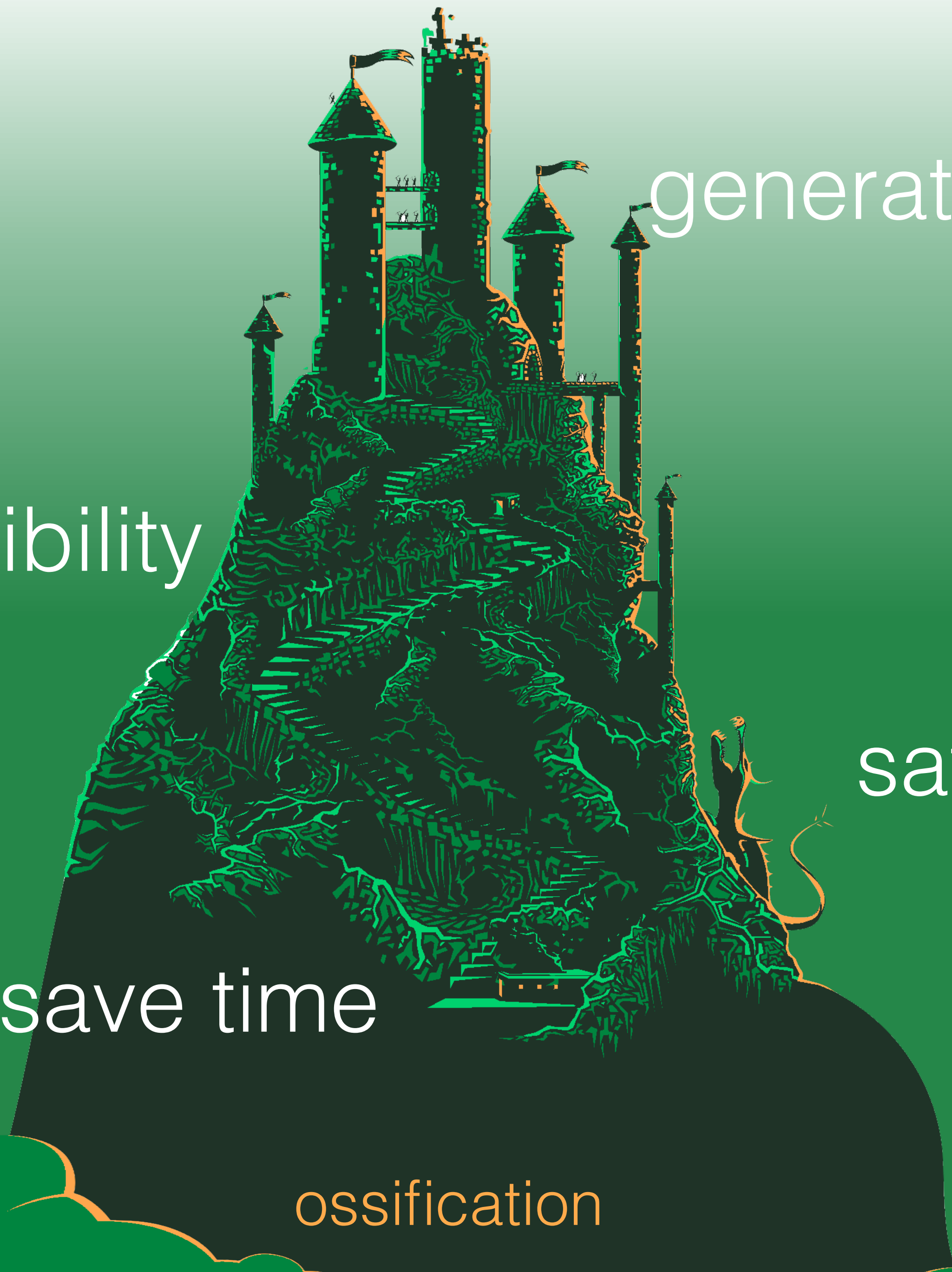
legibility

generativity

safety

save time

ossification





A stylized illustration of a mountain landscape. The mountains are rendered in a geometric, low-poly style with various shades of green and blue. A small, simple building with a red roof and three windows sits on a flat patch of ground in the middle of the valley. To the right, a large, green dragon with a long, flowing mane and a long tail is perched on a rocky outcrop. The dragon's head is turned towards the left, and its mouth is slightly open. The background is a solid light blue. The overall style is modern and artistic.

save time

safety

ossification



When?

weekends

when you make a mistake *again*



in a timebox

when you learn how to do a thing

when you think,  
“I’d do the thing, but it’s not worth the work”



when they tell you to report your activity  
in yet another system  
and you think about quitting

when you want someone else to do a thing

satellite-of-love

jessitron

New Threads

CHANNELS

# atomist-config

# atomist-k8-specs

# general

# kitty-survey

# kittytime

# lizardspit

# london

# rest-service-gener...

# survey-elm

# survey-source

# welcome

# workflow-rugs

DIRECT MESSAGES

slackbot

#general

☆ | 13 | 1 | Company-wide announcements and...

Today

Build event received 242638238, travis, failed, kittytime

jessitron

2:07 AM

@atomist org-wide edit

27 replies

Last reply today at 2:07 AM

atomist

APP

2:07 AM

Running RestrictCORS on atomist-config

Running RestrictCORS on survey-elm

Running RestrictCORS on survey-source

Running RestrictCORS on atomist-k8-specs

Running RestrictCORS on kittytime

Running RestrictCORS on kitty-survey

Running RestrictCORS on rest-service-generator

Running RestrictCORS on workflow-rugs

Running RestrictCORS on berlin

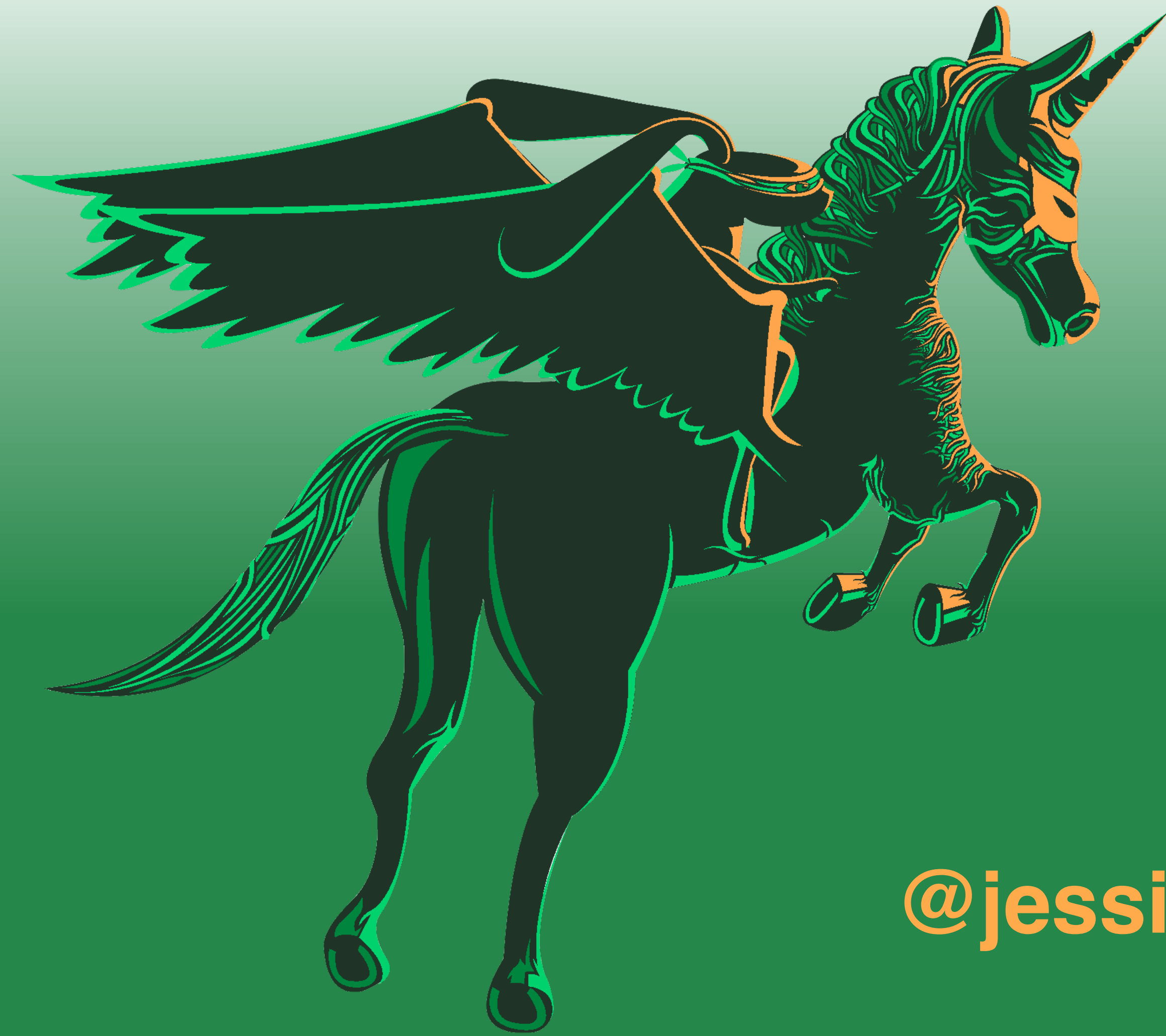
Running RestrictCORS on lizardspit

Running RestrictCORS on london





when the problem you're solving  
is too easy



local automation

@jessitron

Seeing Like a State  
James C. Scott

Engineering a Safer World  
Nancy Leveson



graphics from [codemania.io](http://codemania.io)

**@jessitron**

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[the-composition.com](http://the-composition.com)



**ATOMIST**

ATOMIST IS IN PRE-RELEASE

REQUEST EARLY ACCESS