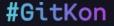
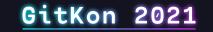
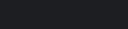
# The "Visual Git" Road to Technical Leadership



Mathieu Ha Sum @mathieuhasum

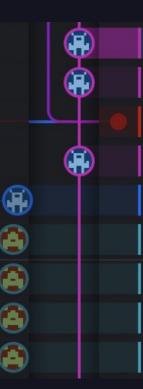






dev 🖵

WEBPL-1312 🔷 🗔



#### 窘 Fix typo in Readme

🚹 Use v6 PDF viewer

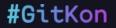
Merge branch 'WEBPL-1312' into 'dev'

- Remove IE polyfills
- Add dividers for Users actions
- 🎌 Update dashboard ITs
- Fix redirect issue for individual users
- Add styling changes for dashboard banner
- 🚼 Add banner for the dasboard

#### #GitKon

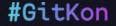
GitKon 2021















#### > git commit -m ":bug: Fix number object"

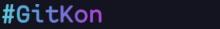
24 Aug, 2021 2 commits



Disable video for cleanup Mathieu Ha Sum authored 9 minutes ago



Fix number object Mathieu Ha Sum authored 34 minutes ago



#### GitKon 2021

**@mathieuhasum** 

(**¤**)

(\$)



### https://gitmoji.dev/

Search your gitmoji...

Ħ



:art:

Improve structure / format of the code.



.....

:zap: Improve performance.



:fire:

Remove code or files.



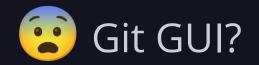
·hua

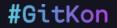




·ambulance

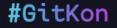








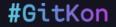




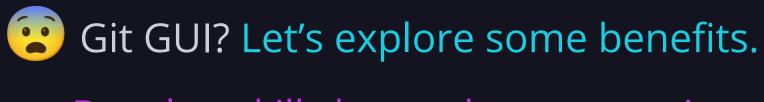




## Develop skills beyond programming

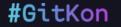






## Develop skills beyond programming

• Leadership



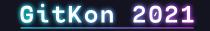




## Develop skills beyond programming

- Leadership
- Monitoring

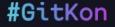






## Develop skills beyond programming

- Leadership
- Monitoring
- Management







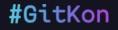
## Develop skills beyond programming

- Leadership
- Monitoring
- Management
- And more...

#### #GitKon



• Software Engineer





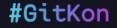
- Software Engineer
- Engineering degree (CentraleSupélec)
- Msc in Management (ESCP Business School)





- Software Engineer
- Engineering degree (CentraleSupélec)
- Msc in Management (ESCP Business School)

"Entrepreneurship is creating meaningful work for yourself and others..."





- Software Engineer
- Engineering degree (CentraleSupélec)
- Msc in Management (ESCP Business School)

"Entrepreneurship is creating meaningful work for yourself and others..."

• Let's connect!



#GitKon

GitKon 2021

## We're hiring!



- Wonderful team
- Meaningful products
- 2M+ users
- 🔹 🚦 Geneva, Switzerland

alohi.com/careers

ALOHI





#### #GitKon

GitKon 2021

## **GUI vs CLI**

#GitKon



## **GUI or CLI?**

• Survey on 370 users

Statistics for "Mid experienced Git users" Source: Hultstrand, S., & Olofsson, R. (2015). Git - CLI or GUI : Which is most widely used and why?

#### #GitKon



## **GUI or CLI?**

• Survey on 370 users

• CLI

- Advanced users
- o "Control"



Statistics for "Mid experienced Git users" Source: Hultstrand, S., & Olofsson, R. (2015). Git - CLI or GUI : Which is most widely used and why?

#### #GitKon



## **GUI or CLI?**

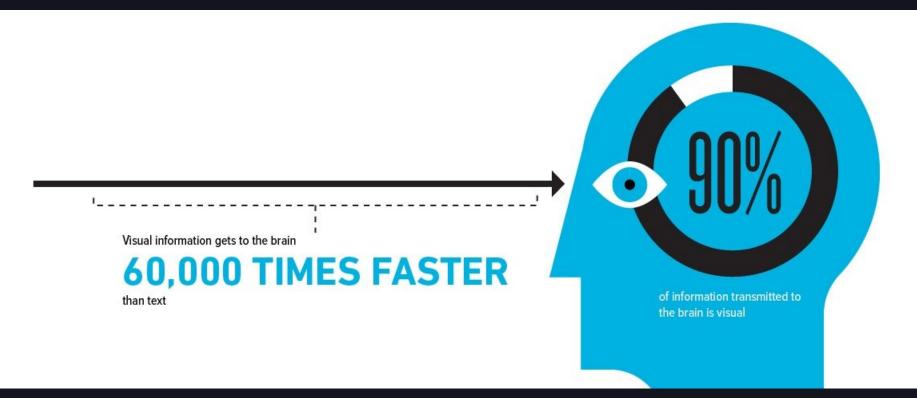
- Survey on 370 users
- CLI
  - Advanced users
  - "Control"
- GUI
  - Novice users
  - "Simple", "Easy"



Statistics for "Mid experienced Git users" Source: Hultstrand, S., & Olofsson, R. (2015). Git - CLI or GUI : Which is most widely used and why?

#### #GitKon

#### GitKon 2021



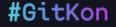
Source: killervisualstrategies.com/blog/how-our-brains-are-hardwired-for-visual-content.html

#### #GitKon

#### GitKon 2021

## The value in the gaps

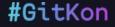
• Embrace your own uniqueness





## The value in the gaps

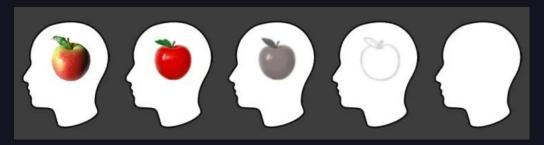
- Embrace your own uniqueness
- Embrace the uniqueness of others





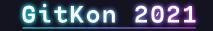
## The value in the gaps

- Embrace your own uniqueness
- Embrace the uniqueness of others



"Aphantasia"

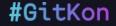
#GitKon



# **5 steps** to technical leadership

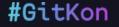






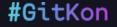


• Switch your mindset

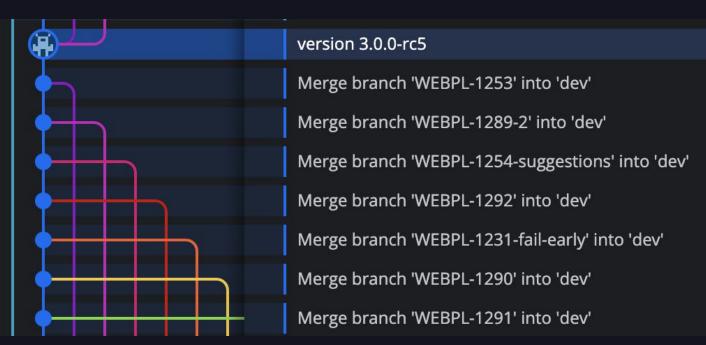




- Switch your mindset
- Explore the overview 💮







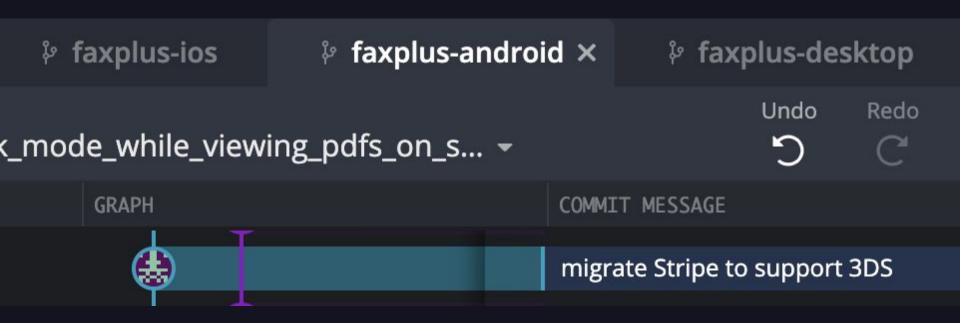
What is happening around me?

# Change the `parseQueryString` function to return a `Map` rather than an Object (issue 13829)

Even though the code as-is \*should\* be safe, given that we're using an Object with a `null` prototype, it cannot hurt to change this to a Map to prevent any

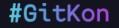
Jonas Jenwald authored 7/31/2021 @ 10:15 PM parent: 222c9e

Which code patterns are used?



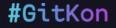
Watch other platforms

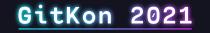
- Switch your mindset
- Explore the overview 🎧
- Find ideas 🎲



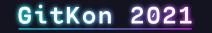


- Switch your mindset
- Explore the overview 💮
- Find ideas 🎲
  - Use emojis in commit messages





- Switch your mindset
- Explore the overview 💮
- Find ideas 🎲
  - Use emojis in commit messages
  - Squash commits for better history



#### Step 1 Work "on" the system

- Switch your mindset
- Explore the overview 😱
- Find ideas 🎲
  - Use emojis in commit messages
  - Squash commits for better history
  - Align tags format among projects

GitKon 2021

#### Step 1 Work "on" the system

- Switch your mindset
- Explore the overview 💮
- Find ideas 🎲
  - Use emojis in commit messages
  - Squash commits for better history
  - Align tags format among projects

GitKon 2021

**Omathieuhasum** 

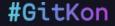
• Clean stale branches

### Step 1 Work "on" the system

- Switch your mindset
- Explore the overview 💮
- Find ideas 🎲
  - Use emojis in commit messages
  - Squash commits for better history
  - Align tags format among projects
  - Clean stale branches
  - more ...

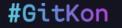


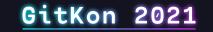
GitKon 2021



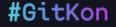


• Be agile



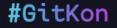


- Be agile
- Streamline git flows 😱



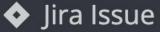


- Be agile
- Streamline git flows 🕼
- Leverage "visual" git









#### SWEBPL-695

#### Code - Slow re-compiling since React-scripts 4.0.0

Closed Created by Mathieu Ha Sum 10 months ago

#### Description

#### Integrate with task management

D

Pipeline Needs Jobs 3 Tests 0

 Test
 External

 Solution
 Solution

 Solution
 Solution

#### Automate flows



**Cypress** APP 1:19 PM Run #255 of the **FAX IO** project has failed

1 test failed Remove users.json from repo Mathieu Ha Sum | WEBPL-1231-2 | GitLab 24533

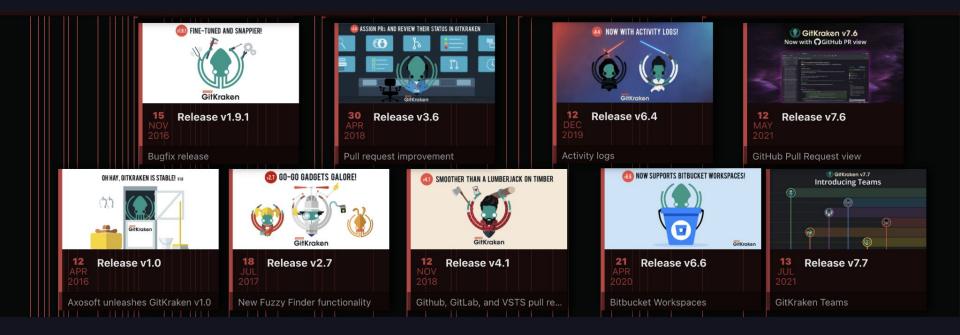


**Cypress** APP 4:52 PM Run #396 of the **FAX IO** project has passed

87 tests passed in 15:43 Merge branch 'dev' into rc

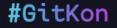
#### Streamline collaboration

$\stackrel{:}{=}$ 165 lines (105 s	loc) 15.5 KB	Raw	Blame	PS	<b>[</b> ]	Ē	0	បំ
Changelo	og							
2.2.1 (2021-	01-21)							
Changed								
	Automatic changelog github.com/frinyvonnick/gitmo							



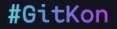
And more

- Be agile
- Streamline git flows 🕼
- Leverage "visual" git





- Be agile
- Streamline git flows 🕼
- Leverage "visual" git
  - Think about non-technical team members



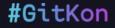


- Be agile
- Streamline git flows 🕼
- Leverage "visual" git
  - Think about non-technical team members
  - Think about CI/CD

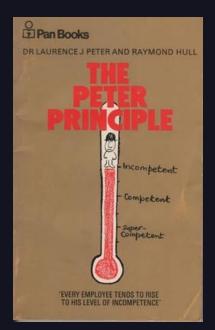


- Be agile
- Streamline git flows 🕼
- Leverage "visual" git 💮
  - Think about non-technical team members
  - Think about CI/CD
  - Think about integrations









#### Peter Principle Laurence J. Peter



GitKon 2021



# You don't become the Hokage to be acknowledged by everyone.

Source: Masashi Kishimoto, "Naruto"

#GitKon





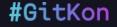
You don't become the Hokage to be acknowledged by everyone. The one who is acknowledged by everyone becomes the Hokage.

Source: Masashi Kishimoto, "Naruto"

#GitKon

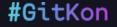
GitKon 2021

- Peter Principle
- "Itachi Principle"





- Peter Principle
- "Itachi Principle"
- Care about people

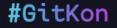






Provide support

- Peter Principle
- "Itachi Principle"
- Care about people
- Don't try to be the smartest





150		- />
151		- )}
	36	+ {
	37	+ {
	38	<pre>+ table: <companytable></companytable>,</pre>
	39	<pre>+ daily: <companydailygraph></companydailygraph>,</pre>
	40	<pre>+ cumulative: <companycumulativegraph></companycumulativegraph>,</pre>
	41	+ }[activeGraphType]

Maintainer

 $\bigcirc$ 

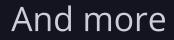
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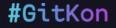


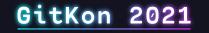
Mathieu Ha Sum @m.hasum · 5 days ago

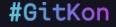
Lol very nice pattern!!



- Peter Principle
- "Itachi Principle"
- Care about people
- Don't try to be the smartest

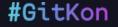


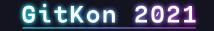






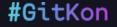
• The manager's playbook





• The manager's playbook

f github.com/ksindi/managers-playbook

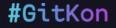




• The manager's playbook

f github.com/ksindi/managers-playbook

**Predictability:** create routine, set expectations, normalize change.





• The manager's playbook

f github.com/ksindi/managers-playbook

**Predictability:** create routine, set expectations, normalize change. **Ownership:** offer options, clarify ownership, give more responsibilities.





• The manager's playbook

f github.com/ksindi/managers-playbook

Predictability: create routine, set expectations, normalize change.
 Ownership: offer options, clarify ownership, give more responsibilities.
 Purpose: clarify the big picture value and importance of their tasks.



• The manager's playbook

f github.com/ksindi/managers-playbook

Predictability: create routine, set expectations, normalize change.
 Ownership: offer options, clarify ownership, give more responsibilities.
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GitKon 2021

• The manager's playbook

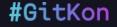
github.com/ksindi/managers-playbook

Predictability: create routine, set expectations, normalize change.
Ownership: offer options, clarify ownership, give more responsibilities.
Purpose: clarify the big picture value and importance of their tasks.
Progress: create milestones, share wins, celebrate progress.
Belonging: team culture and management.

#### #GitKon

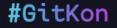
GitKon 2021

- The manager's playbook
- Management theory





- The manager's playbook
- Management theory
  - Science of organizations

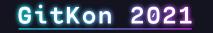




- The manager's playbook
- Management theory
  - Science of organizations
  - The psychology of teamwork



- The manager's playbook
- Management theory
  - Science of organizations
  - The psychology of teamwork
  - Entrepreneurship theory and practice

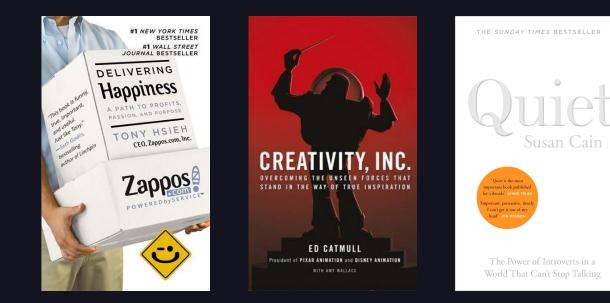


- The manager's playbook
- Management theory
  - Science of organizations
  - The psychology of teamwork
  - Entrepreneurship theory and practice

GitKon 2021

**Omathieuhasum** 

• Communication



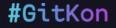
#### 👉 hasum.io/bookshelf

#GitKon

GitKon 2021

(

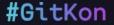
# **Step 5** Inspire the world around you





# **Step 5** Inspire the world around you





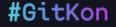


• Embrace your uniqueness





- Embrace your uniqueness
- "Visual Git" beyond version control





- Embrace your uniqueness
- "Visual Git" beyond version control
  - Work "on" the system
  - Make more with less
  - Act as a leader
  - Foster team culture
  - $\circ$  Inspire the world around you

#### #GitKon

#### GitKon 2021

# One more trick

#GitKon



- Embrace your uniqueness
- "Visual Git" beyond version control
  - Work "on" the system
  - Make more with less
  - Act as a leader
  - Foster team culture
  - Inspire the world around you

GitKon 2021

- Embrace your uniqueness
- "Visual Git" beyond version control
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GitKon 2021

- Embrace your uniqueness
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GitKon 2021

- Embrace your uniqueness
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#### #GitKon

#### GitKon 2021

- Embrace your uniqueness
- "Visual Git" beyond version control
  - Work "on" the system
  - Make more with less
  - Act as a leader
  - Foster team culture
  - $\circ$  Inspire the world around you

#### #GitKon

#### GitKon 2021

# We're (still) hiring!

### **Senior Backend Developer**

- Python
- Linux
- MongoDB, IPFS, Swarm
- HTTP, REST, web servers and microservices

#### **Senior React Developer**

- React 17
- TypeScript
- Cypress E2E
- REST with modern Redux (RTK)
- GraphQL with Apollo







#### #GitKon

GitKon 2021

### 👉 alohi.com/careers or 🏏 @mathieuhasum









GitKon 2021