

# Using CSS Grid Today (@ Slack)

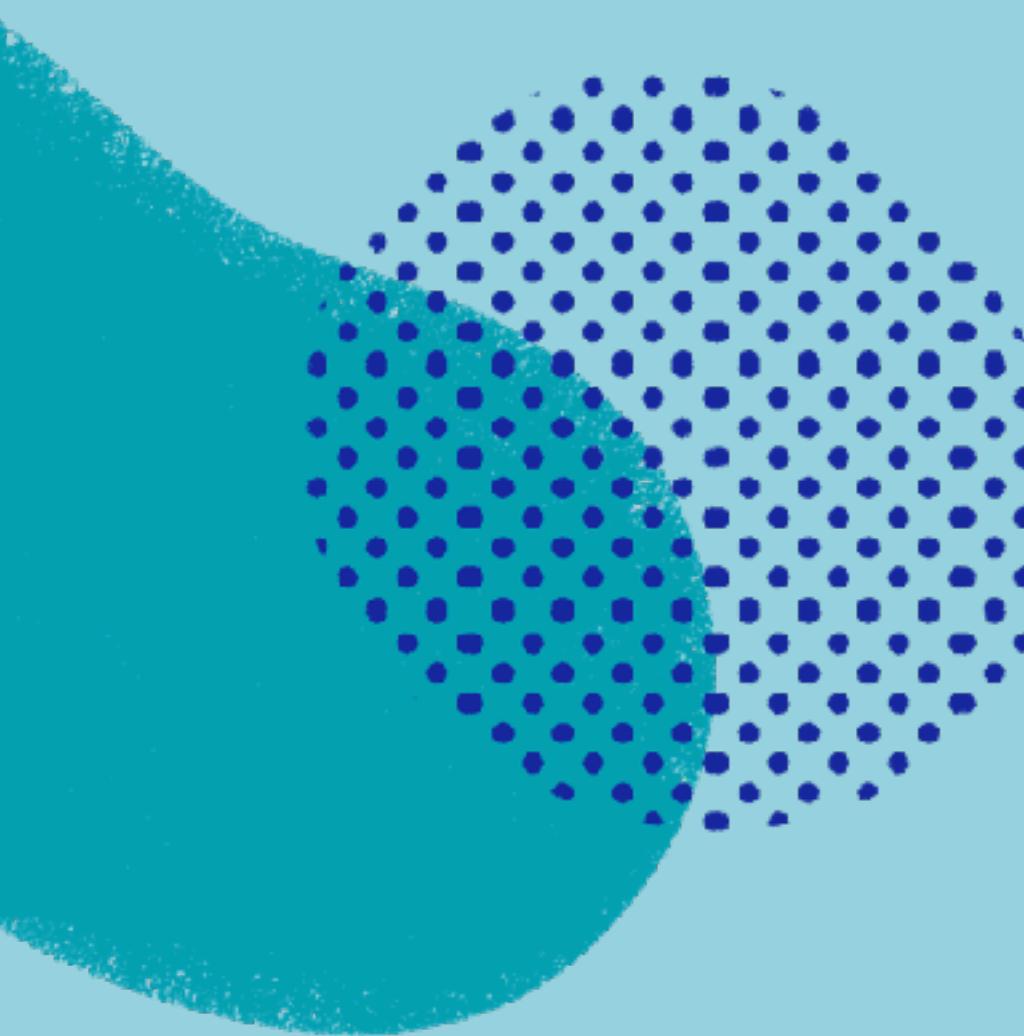
Concatenate



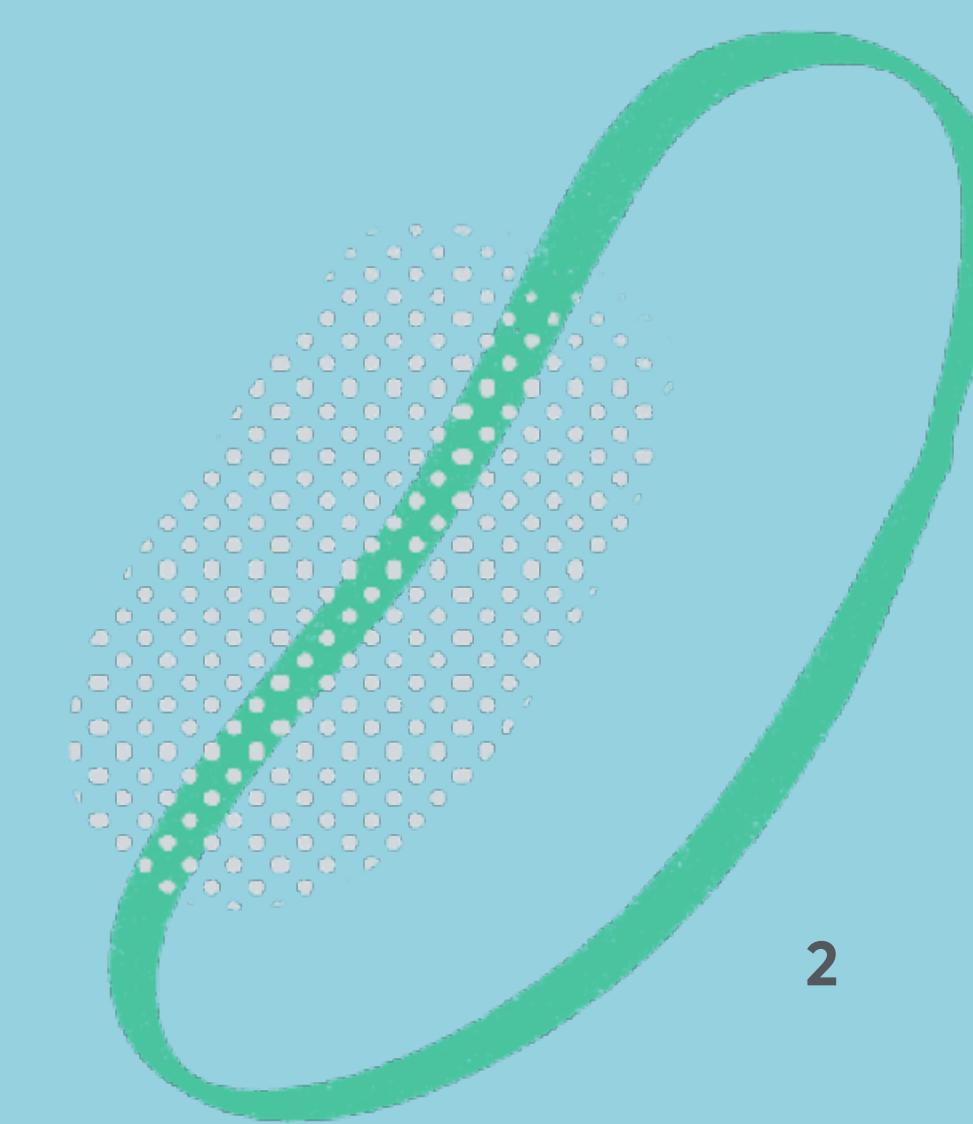
Lagos, Nigeria (via Oakland)



August 11, 2018



# :mina:



 [@minamarkham](https://twitter.com/minamarkham)  [mina.codes](https://mina.codes)



The image displays the Slack interface across three devices: a desktop computer, an iPhone, and an Android smartphone. The desktop view shows the left sidebar with channels like 'Acme Sites' and 'DIRECT MESSAGES (24)'. The main area is a channel named '#culture' with messages from users Jackie Ray, Meredith Brown, Kiné Camara, Damien Baker, and Jake Grimes. The iPhone and Android views show a similar timeline of messages, including a post from 'Horse Blanket Culture Meetings' about a weekly meeting and a message from 'Jake Grimes' sharing a post. The bottom right corner of the image contains the handle '@minamarkham' and the number '3'.

**Acme Sites**

- Matt Kump
- All Threads
- STARRED
- # design-work
- # events
- Cory, Tina, Dio

CHANNELS (39)

- # accounting-costs
- # brainstorming (1)
- # business-ops
- # culture
- # design-chat
- # marketing
- # media-and-pr
- # sonic-fanfic
- # triage-issues

DIRECT MESSAGES (24)

- slackbot

**#culture**  
19 members | Add a topic

Today

**Jackie Ray** 12:47 PM  
I must decline for secret reasons.

**Meredith Brown** 12:50 PM  
Really need to give some Kudos to @julie for helping out with the new influx of tweets yesterday. People are really, really excited about yesterday's announcement.

**Kiné Camara** 12:55 PM  
No! It was my pleasure! People are very excited. ⚡

**Damien Baker** 2:14 PM  
What are our policies in regards to pets in the office? I'm assuming that was the case.

**Horse Blanket Culture Meetings** 2:15 PM  
Event starting in 15 minutes:  
**Culture Weekly Meeting**  
Today from 2:30 PM to 3:00 PM

**Jake Grimes** 2:18 PM  
shared a post ▾

**Building Policies and Procedures**

12:38 PM

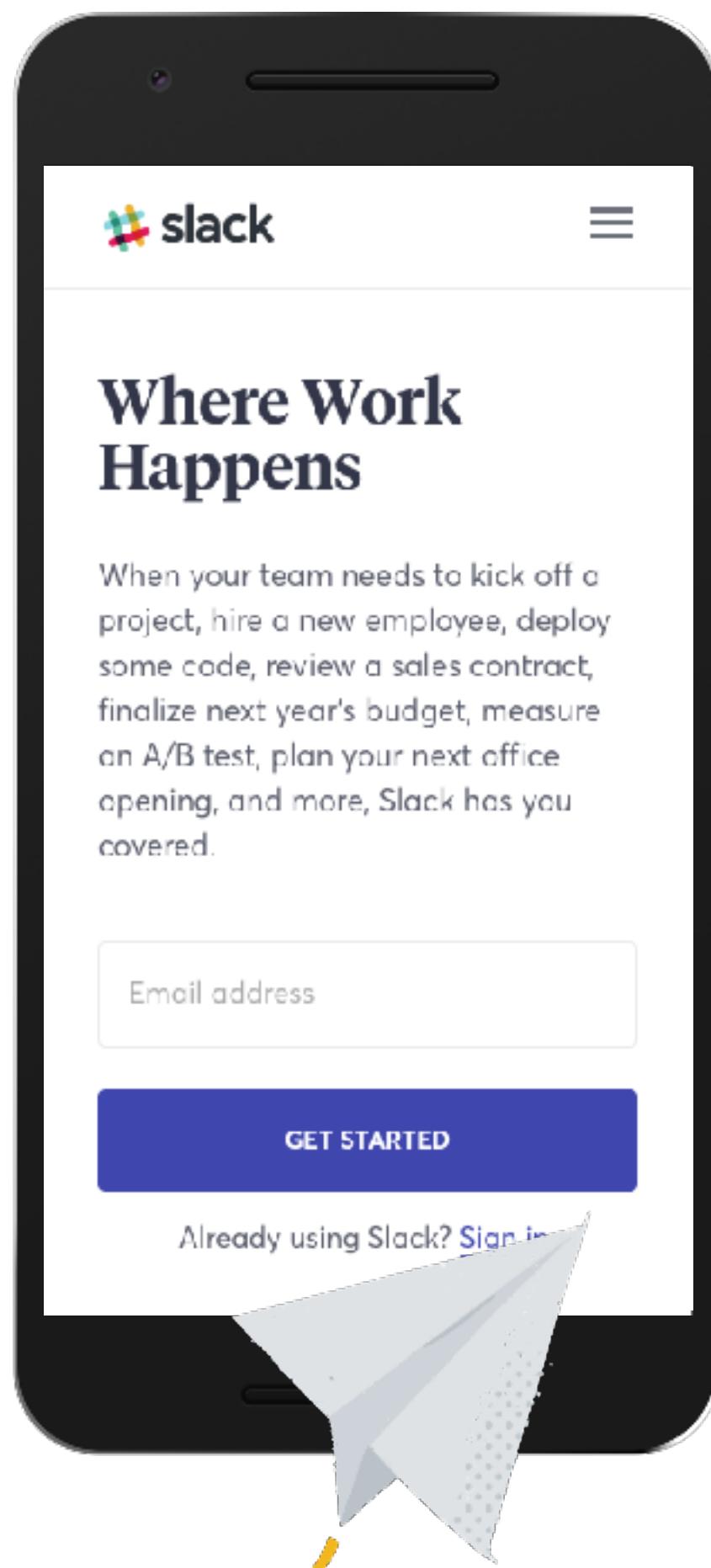
Collins 12:50 PM  
need to give some Kudos to @julie for helping out with the new influx of tweets yesterday.

Terra Spitzner 3:05 PM  
Once we've completed the navigation overhaul, we can get started on the content strategy.

Kiné Camara 3:06 PM  
No! It was my pleasure! People are very excited. ⚡

Delgado 2:14 PM  
What are our policies in regards to pets in the office? I'm assuming that was the case.

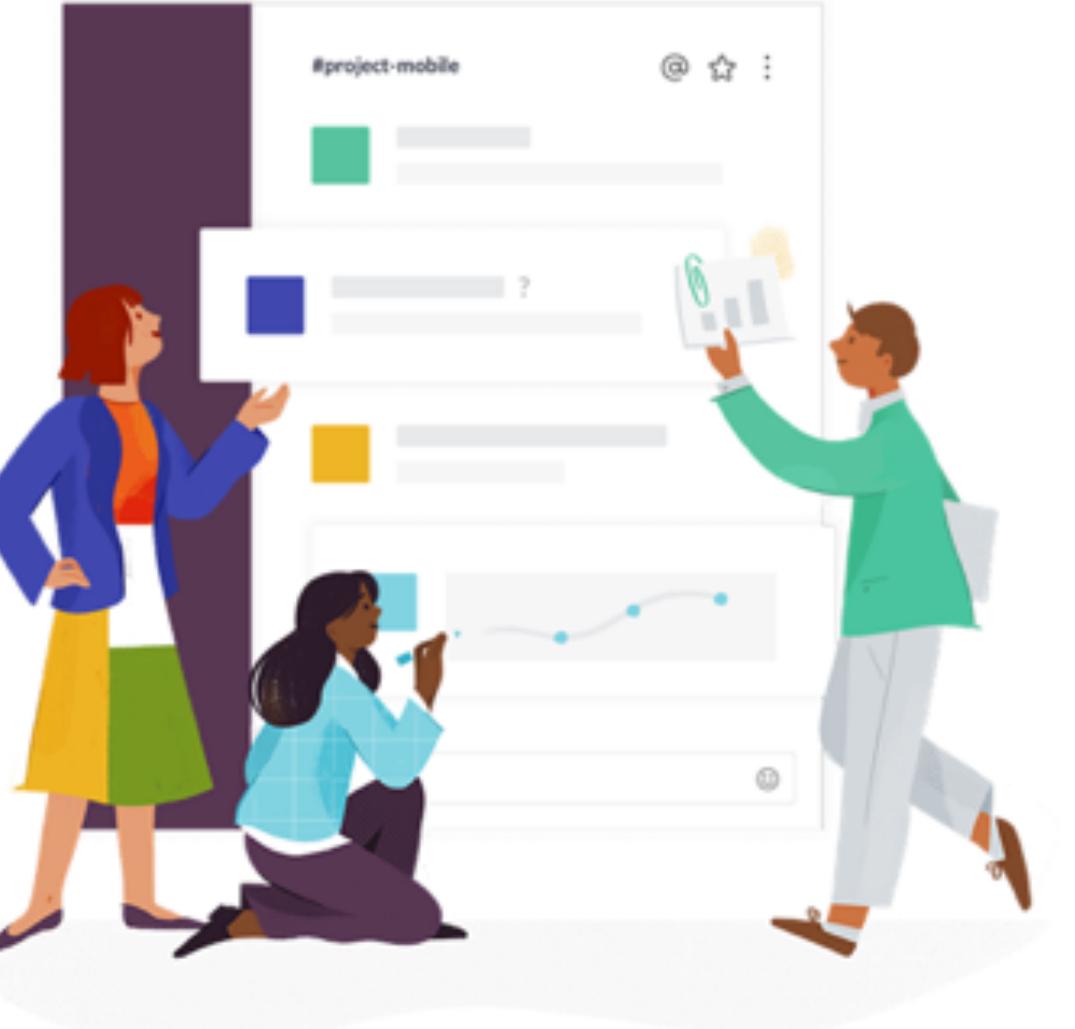
@minamarkham 3



slack

Why Slack? Pricing About Us Find Your Workspace Create Workspace

# Where Work Happens



When your team needs to kick off a project, hire a new employee, deploy some code, review a sales contract, finalize next year's budget, measure an A/B test, plan your next office opening, and more, Slack has you covered.

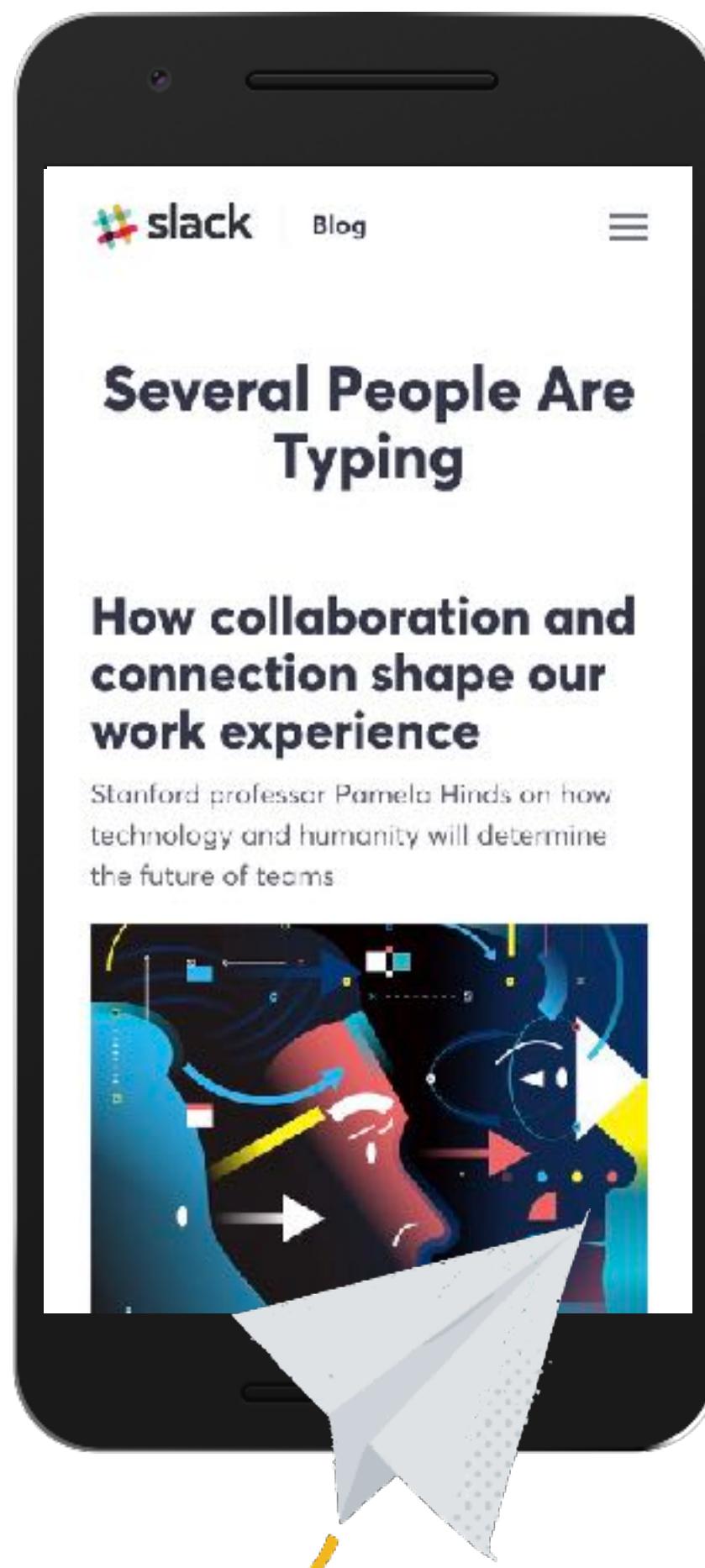
Email address

GET STARTED

Already using Slack? [Sign in](#).

slack.com

@minamarkham 4

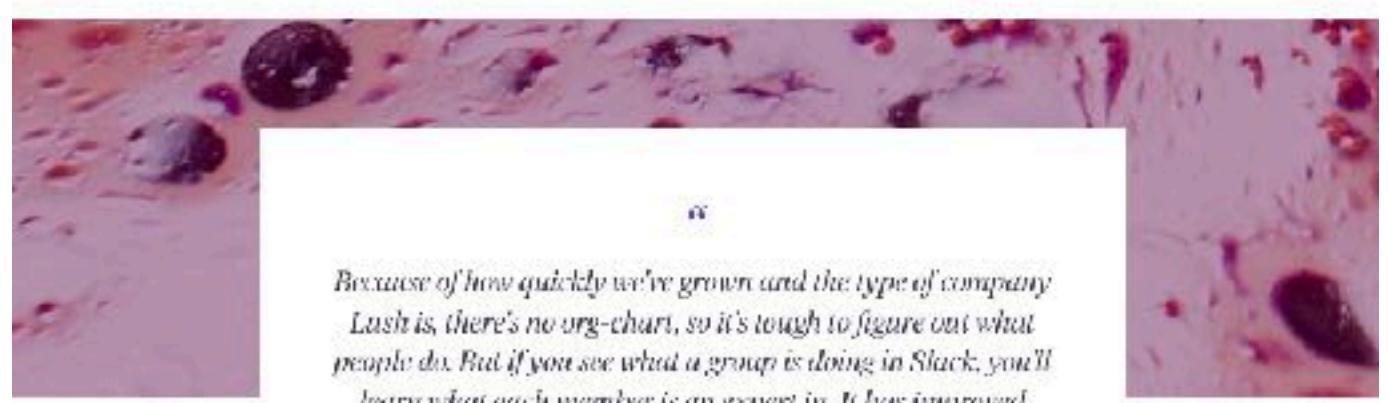
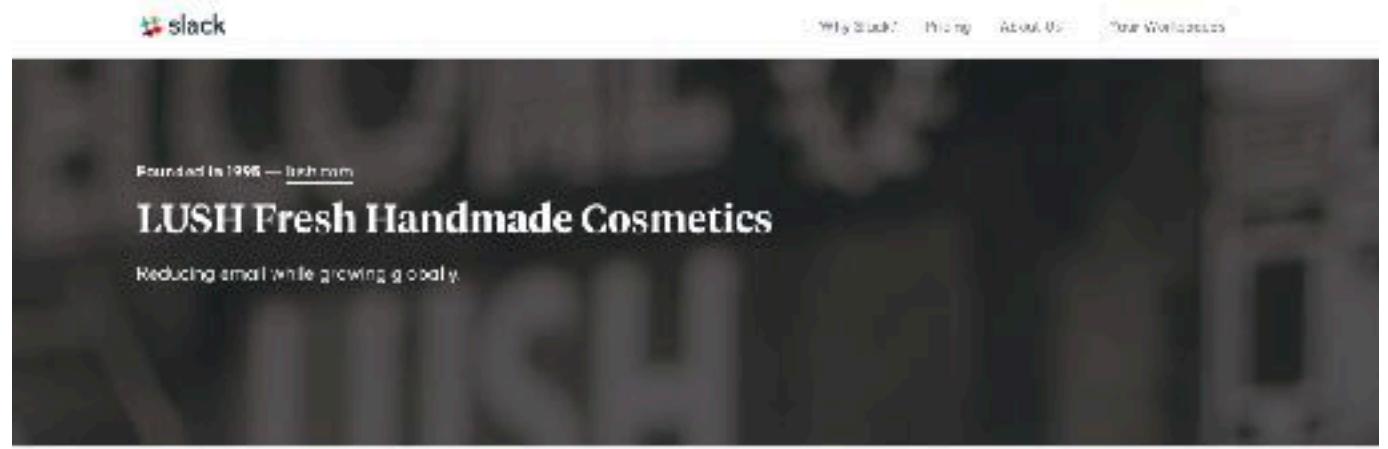


The image shows a desktop browser window displaying the same blog post. The header includes the Slack logo and "Blog" link, along with navigation links for "New at Slack", "Spotlight", "Tips & Tricks", "Future of Work", and "Building on Slack". A search bar is also present. The main title "Several People Are Typing" is prominently displayed in large, bold, dark blue text. Below the title is a large, colorful abstract illustration of two profiles facing each other, with various arrows and lines indicating communication and interaction. To the right of the illustration, the subtitle "How collaboration and connection shape our work experience" is repeated in a large, bold, dark blue font. A small blurb at the bottom states: "Stanford professor Pamela Hinds on how technology and humanity will determine the future of teams". At the bottom of the page, there is a green footer bar with the Apple logo on the left and the website address "slackhq.com" in white text on the right. The background of the slide features a large, stylized grey cloud-like shape on the right side.

# **CSS Grid**

## **in Production**

### **(right now!)**



Mobile Saunders, Global Planner, Lush

GoogleDrive File Management Zoom Video Communication Job Board Employee Management

Business Customer Support Zendesk Helpdesk Design



## Several People Are Typing

### How collaboration and connection shape our work experience

Stanford professor Pamela Hinds on how technology and humanity will determine the future of teams

#### Tips & Tricks >

- Neat features that maximize Slack
- Tying your tools to Slack
- The myriad uses for custom emoji
- How Slack shortens distances
- How to organize your work life into Slack channels
- Balancing fast and slow information in Slack

#### Future of Work

**"We define transparency as the opposite of opacity: People can see what's going on in working groups in a way they couldn't with email."**

Peter Butterfield, CEO of Slack

Why 'business as usual' is killing team performance

Research by Deloitte's Center for the Edge reveals that culture, not processes, will drive organizations in the future

Professional knowledge is power

How to use Slack's new knowledge base to help bring women of color into their own voice

PRIMARY	SECONDARY	RESPONSES	EXTERNAL
Market & Growth	Who/What	Download	Partners
Customer	Information	Help Center	Events
Blog	Customer Support	Guides	Study in Mktg.
Press	Training	Partners	Global Fund
Brand Ambassadors	Security	Events	App Directories
			API
			Customer Support
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slack

Why Slack | Pricing | About Us | Your Wellbeing

Founded in 1998 — [techcrunch.com](#)

## LUSH Fresh Handmade Cosmetics

Reducing waste while growing globally.

INDUSTRY	LOCATIONS	STAFF WORK	REDUCTION IN PAPER
Retail	240	225	75%

**LUSH IS THE COSMETICS COMPANY** known for soap and bath bombs made from fresh ingredients. As a rapidly growing global company operating across three continents, Lush drives towards improvements.

While most of the 1500+ of the UK beauty companies studied in the report used email, some groups suffered a bit of disconnect: not being in the same building and working across continents. Bringing people into the mix, they started to work, he and others from internal communication and marketing talking with people from the music group similar to a company they'd been trying to connect to one another.

Since switching from Internet retail review sites to Slack, with the messaging feature for a major product launch, Lush ditched their email planning, switched to Slack as well. Post-email, people have gotten emails about messaging and no longer want to check their email for updates. On Slack, there was no longer back and forth emails, and instead found themselves everything just where it belongs.

*Because of how quickly we've grown and the type of company Lush is, there's no org-chart, so it's tough to figure out what people do. But if you see what a group is doing in Slack, you'll learn what each member is an expert in. It has improved communication between groups greatly.*

Middle Grounds, Global Planner, Lush

"Lush," an original implementation of SLACK, which is a cloud-based communication platform for business, now available on desktop, mobile, and tablet. It features direct messaging, file sharing, video calls, and more.

—Lara Gould, Global UX & Digital Design — Lush

slack | Blog | News of Slack | Spotlight | Tips & Tricks | Future of Work | Building on Slack | Search

## Several People Are Typing

**How collaboration and connection shape our work experience**

Stanford professor Pamela Hinds on how technology and humanity will determine the future of teams.

**Tips & Tricks >**

- Neat features that maximize Slack**
  - Tying your tools to Slack
  - The myriad uses for custom emoji
- How to organize your work life into Slack channels**
- Balancing fast and slow information in Slack**
- How Slack shortens distances**

**Future of Work**

**"We define transparency as the opposite of opacity: People can see what's going on in working groups in a way they couldn't with email."**

Peter Butterfield, CEO of Slack  
"It's a differentiated take about clarity, collaboration, and transparency at the Workplace Productivity Conference."

**Why "business as usual" is killing team performance**  
Research by Deloitte's Center for the Edge reveals that culture, not processes, will drive organizations in the future.

**Professional knowledge is power**  
How to foster knowledge management, becoming a champion for women of color at their own companies.

**PRIMARIES**  
Market & Growth  
Customer  
Blog  
Press  
Brand Awareness

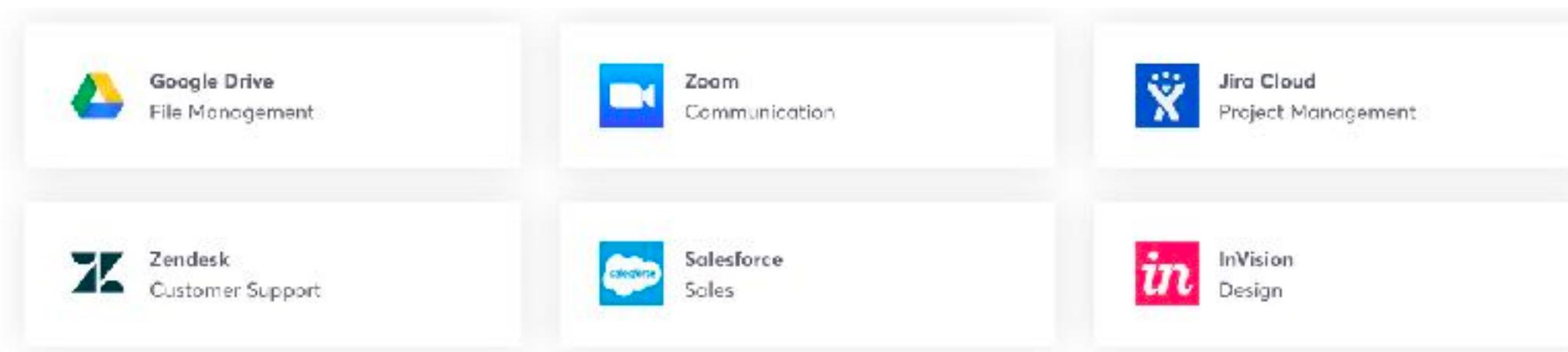
**SECONDARIES**  
Who We Are  
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Customer Service  
Hiring  
Security

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*“One of the biggest surprises has been Slack’s ability to connect and spur conversation between teams and departments in different locations that might not normally happen. This is resulting in a more collaborative and serendipitous workplace at Lush.”*

Adam Gaswell  
Global UX & Digital Design — Lush



## Neat features that maximize Slack

### Tying your tools to Slack



### The myriad uses for custom emoji



### How to organize your work life into Slack channels



### Balancing fast and slow information in Slack



## How Slack shortens distances



**“We define transparency as the opposite of opacity: People can see what’s going on in working groups in a way they couldn’t with email.”**

Stewart Butterfield  
CEO of Slack

Stewart Butterfield talks about clarity, collaboration, and culture at the Wharton People Analytics Conference

**Why ‘business as usual’ is killing team performance**

Research by Deloitte’s Center for the Edge reveals that culture, not process, will drive organizations in the future



**Professional knowledge is power**

How a career development bootcamp is helping women of color chart their own course



# **Flexbox** **or Grid?**



**Google Drive**  
File Management



**Zoom**  
Communication



**Jira Cloud**  
Project Management



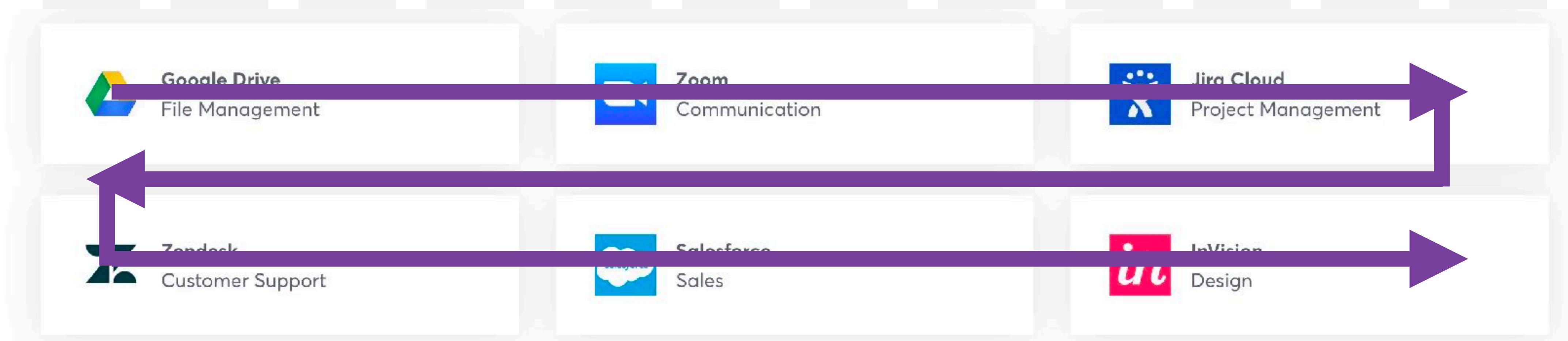
**Zendesk**  
Customer Support



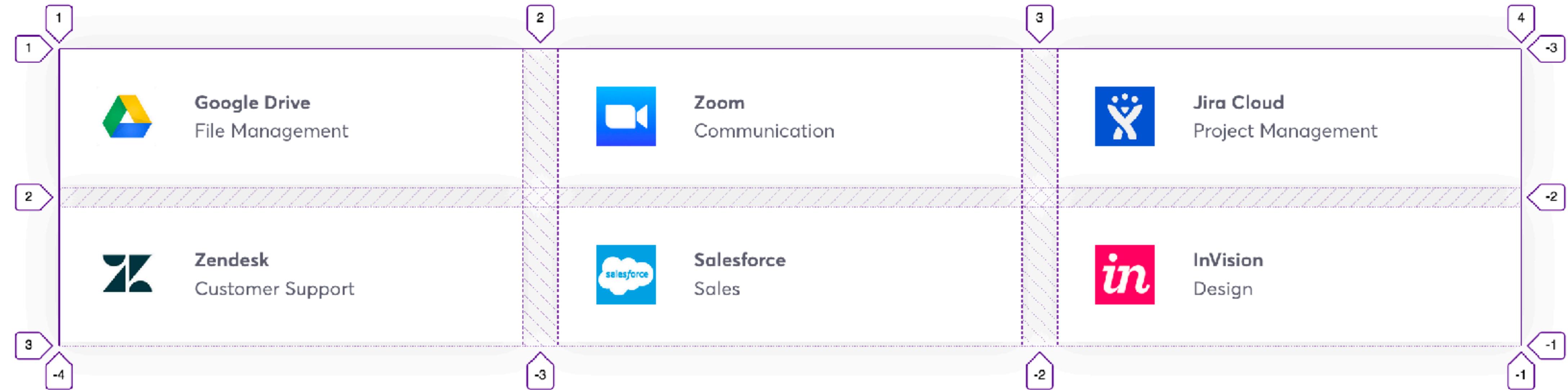
**Salesforce**  
Sales



**InVision**  
Design



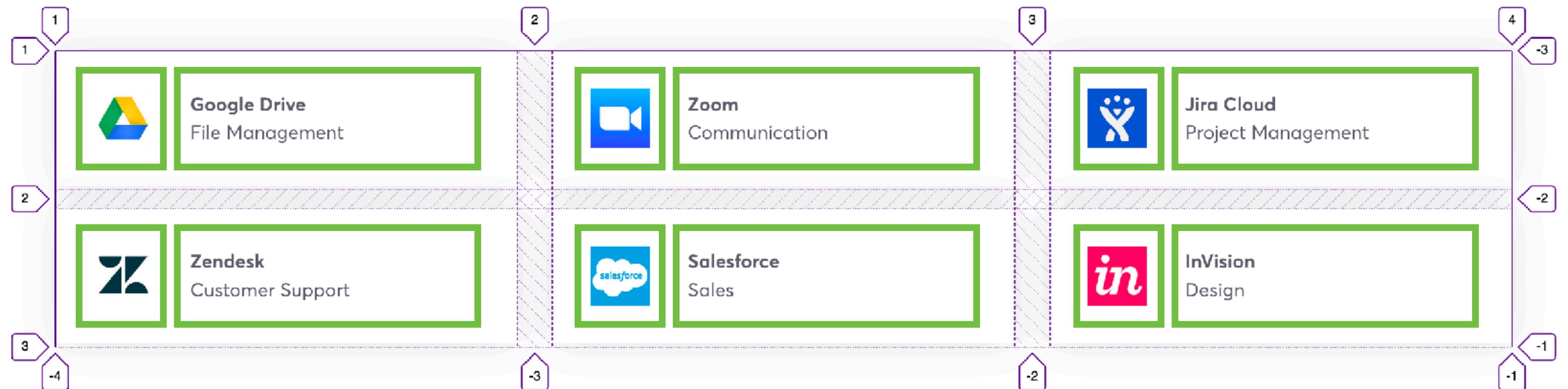
```
display: flex;  
flex-wrap: wrap;  
> * {  
  flex-basis: 100%;  
  margin-bottom: @gutter;  
}
```

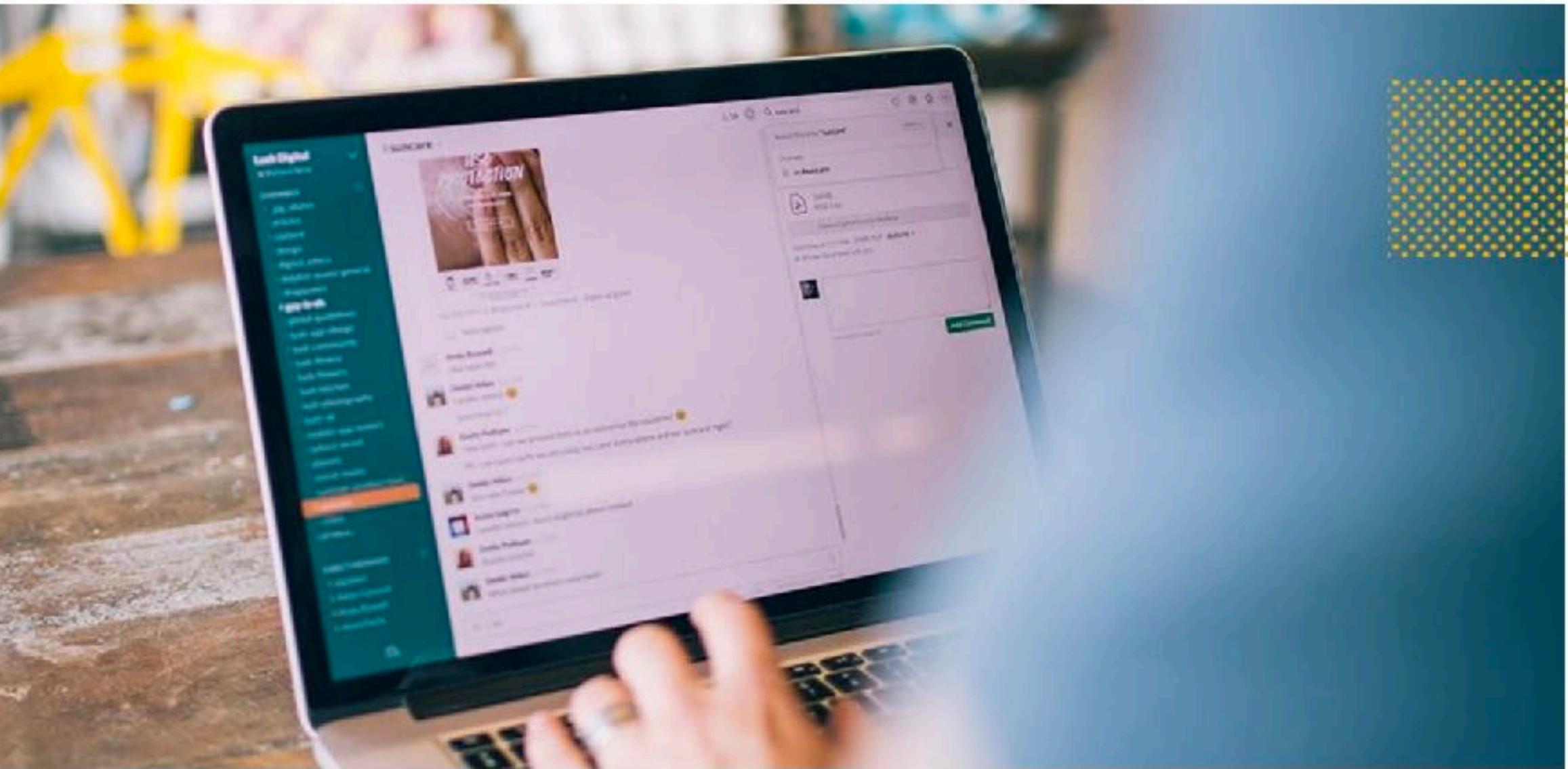


```
display: grid;  
grid-template-columns: repeat(3, 1fr);  
grid-gap: 1rem;
```



Both is good.



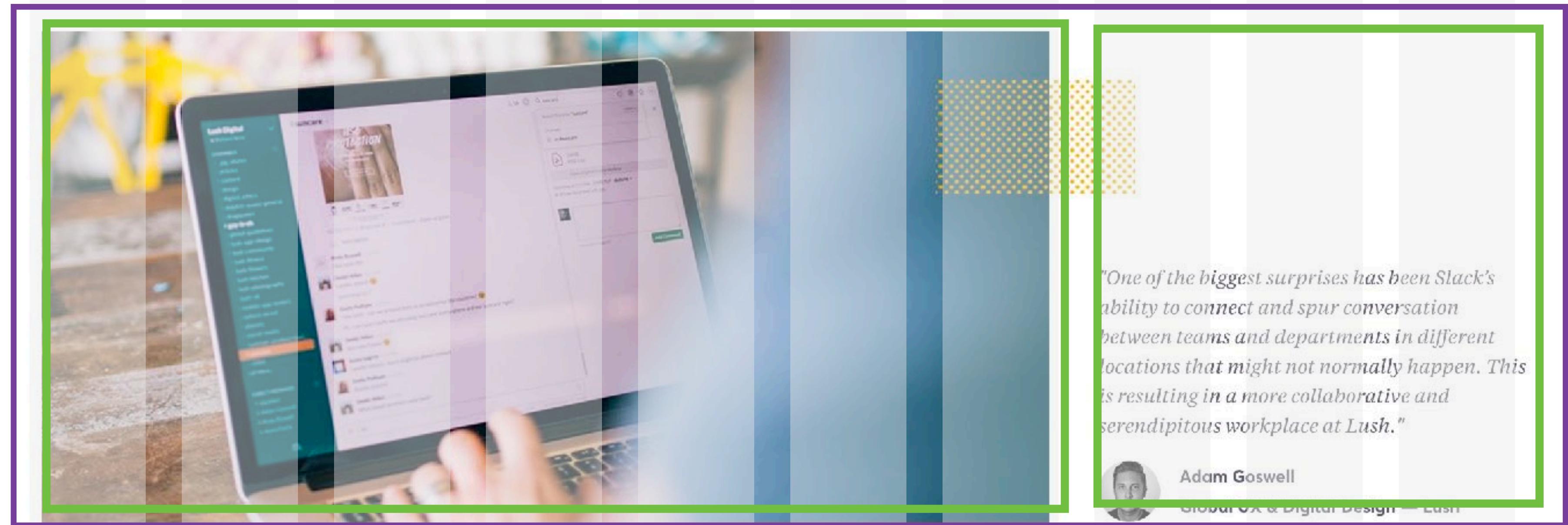


*"One of the biggest surprises has been Slack's ability to connect and spur conversation between teams and departments in different locations that might not normally happen. This is resulting in a more collaborative and serendipitous workplace at Lush."*



**Adam Goswell**  
Global UX & Digital Design — Lush



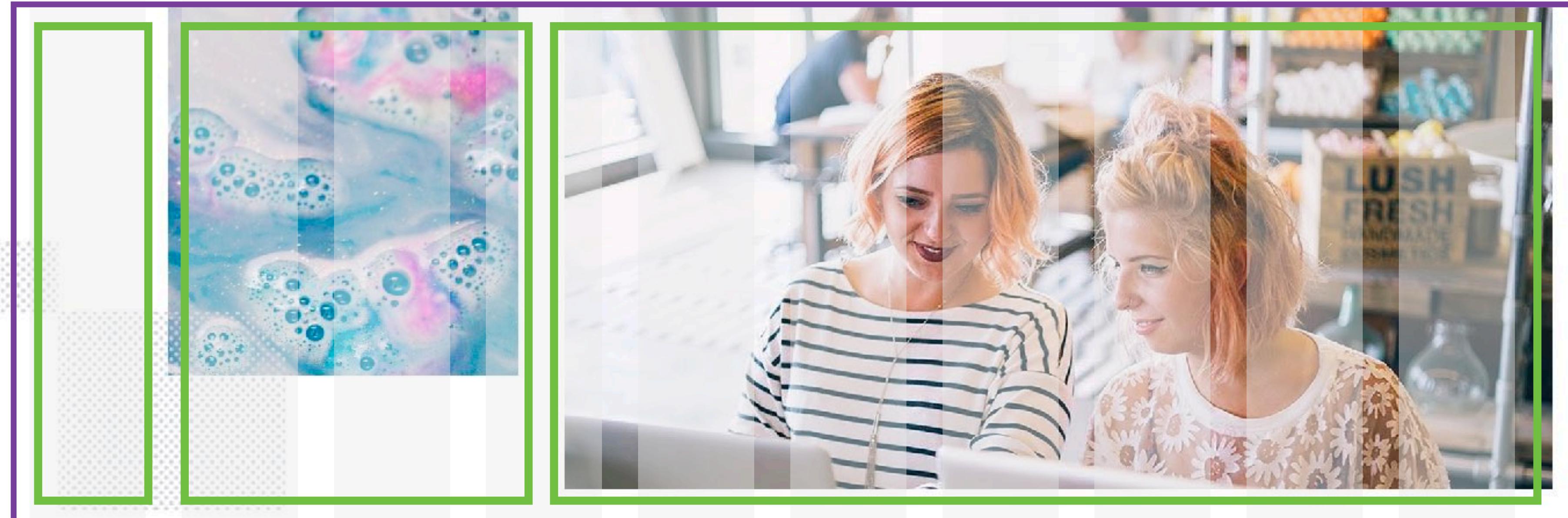


*"One of the biggest surprises has been Slack's ability to connect and spur conversation between teams and departments in different locations that might not normally happen. This is resulting in a more collaborative and serendipitous workplace at Lush."*



**Adam Goswell**

Global UX & Digital Design Lush



```
<section class="o-section">
  <div class="o-content-container">
    <div class="o-row">
      <div class="col-8">...</div>
      <div class="col-4">...</div>
    </div>
    <div class="o-row">
      <div class="col-1"></div>
      <div class="col-3">...</div>
      <div class="col-8">...</div>
    </div>
  </div>
</section>
```

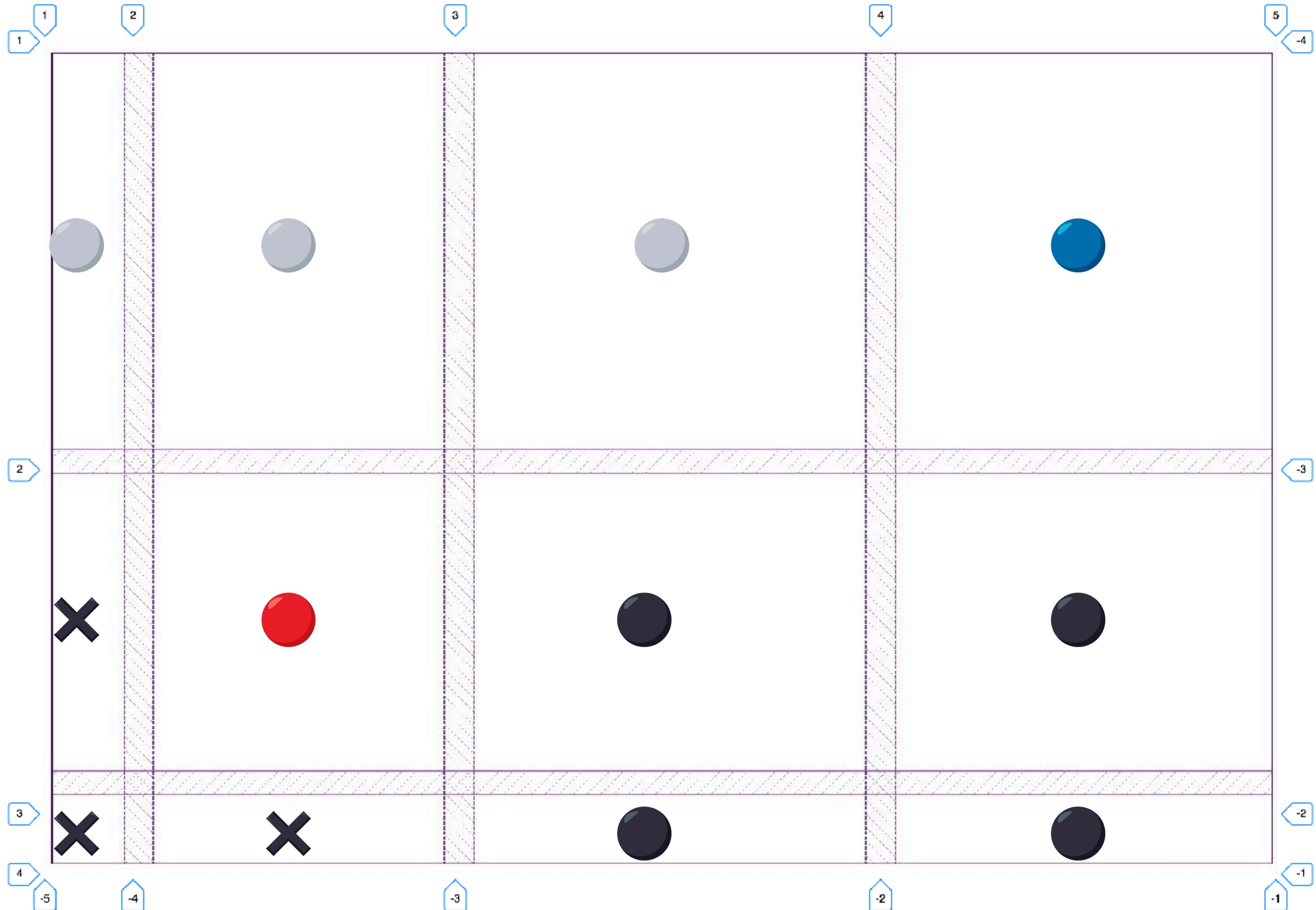
**Markup First.**

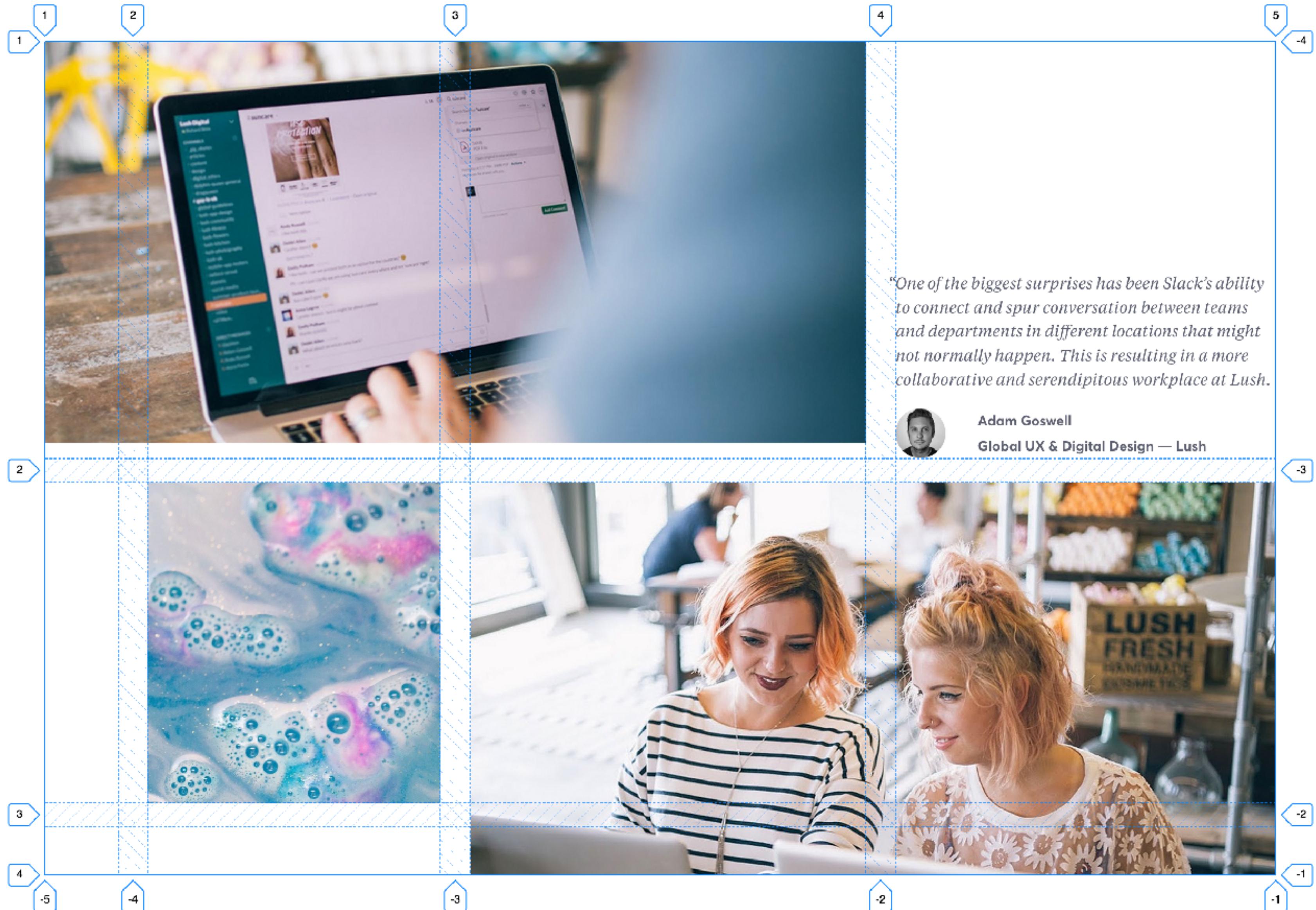
```
<section class="c-photo-collage--three">
  
  
  <blockquote class="c-quote">
    <p class="c-quote__text">...</p>
  </blockquote>
  
</section>
```

```
grid-template-columns: 50px 1fr 1fr 1fr;  
grid-template-rows: 1fr 1fr 40px;  
grid-gap: 20px;  
  
grid-template-areas:  
"photo1 photo1 photo1 quote"  
" . photo2 photo3 photo3"  
" . . photo3 photo3";
```

```
.photo1 { grid-area: photo1; }  
.quote { grid-area: quote; }
```

- photo1
- quote
- photo2
- photo3
- ✗ (blank)





"One of the biggest surprises has been Slack's ability to connect and spur conversation between teams and departments in different locations that might not normally happen. This is resulting in a more collaborative and serendipitous workplace at Lush."



Adam Goswell  
Global UX & Digital Design — Lush

**But... @media queries.**

```
grid-template-columns: 1fr;  
grid-gap: 20px;  
  
@media screen and (min-width: 40rem) {  
    grid-template-columns: 50px 1fr 1fr 1fr;  
    grid-template-rows: 1fr 1fr 40px;  
    grid-gap: 20px;  
  
    grid-template-areas:  
        "photo1 photo1 photo1 quote"  
        ". . photo2 photo3 photo3"  
        ". . . photo3 photo3";  
};
```

```
grid-template-columns: 1fr;  
grid-gap: 20px;  
  
@media screen and (min-width: 40rem) {  
    grid-template-columns: 50px 1fr 1fr 1fr;  
    grid-template-rows: 1fr 1fr 40px;  
    grid-gap: 20px;  
  
    grid-template-areas:  
        "photo1 photo1 photo1 quote"  
        ". . photo2 photo3 photo3"  
        ". . . photo3 photo3";  
};  
@media screen and (min-width: 60rem) {  
    grid-template-columns: 1fr 1fr 50px 50px 1fr 1fr;  
    grid-template-rows: 1fr 1fr 1fr 40px 1fr 1fr 1fr;  
    grid-gap: 0 20px;
```

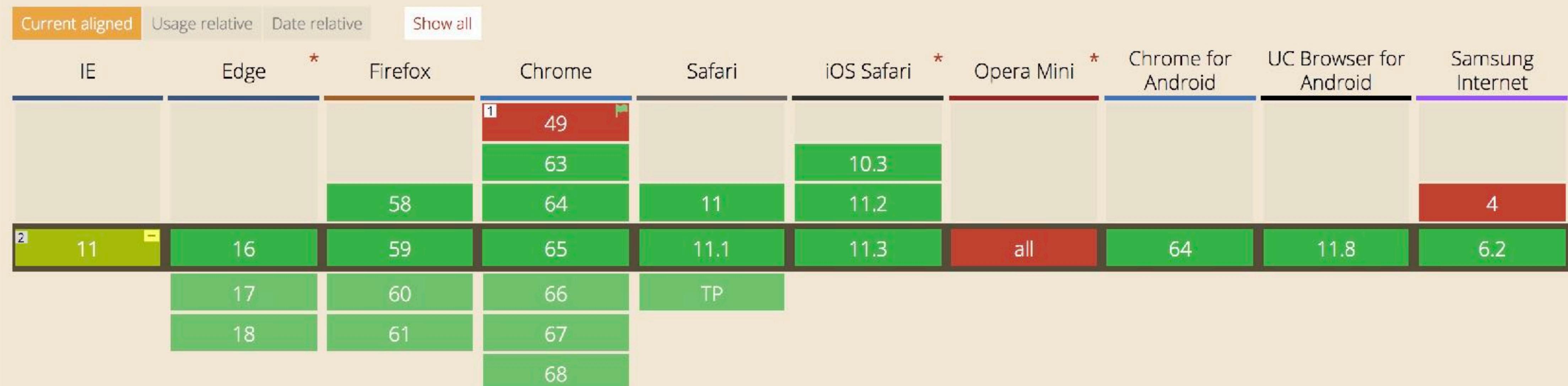
**OMG**

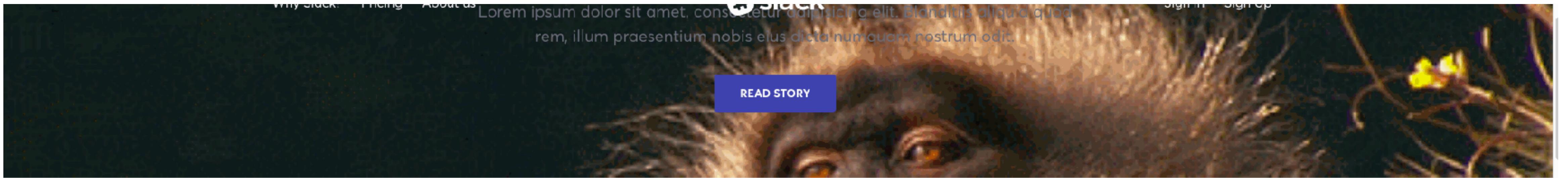


```
grid-template-columns: 6% 24% 32% 31%;  
grid-template-rows:  
    minmax(1fr, 400px) auto minmax(auto, 3.75rem);  
grid-gap: 1.5rem;
```

# CSS Grid Layout

Method of using a grid concept to lay out content, providing a mechanism for authors to divide available space for layout into columns and rows using a set of predictable sizing behaviors. Includes support for all `grid-*` properties and the `fr` unit.





## Highlights

May 2nd, 2017

### **Lorem ipsum dolor sit amet, consectetur adipisicing elit.**

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Numquam porro aut nihil molestias quos dolores.

X

500 x 500

[READ STORY](#)

May 2nd, 2017

### **Lorem ipsum dolor sit am**

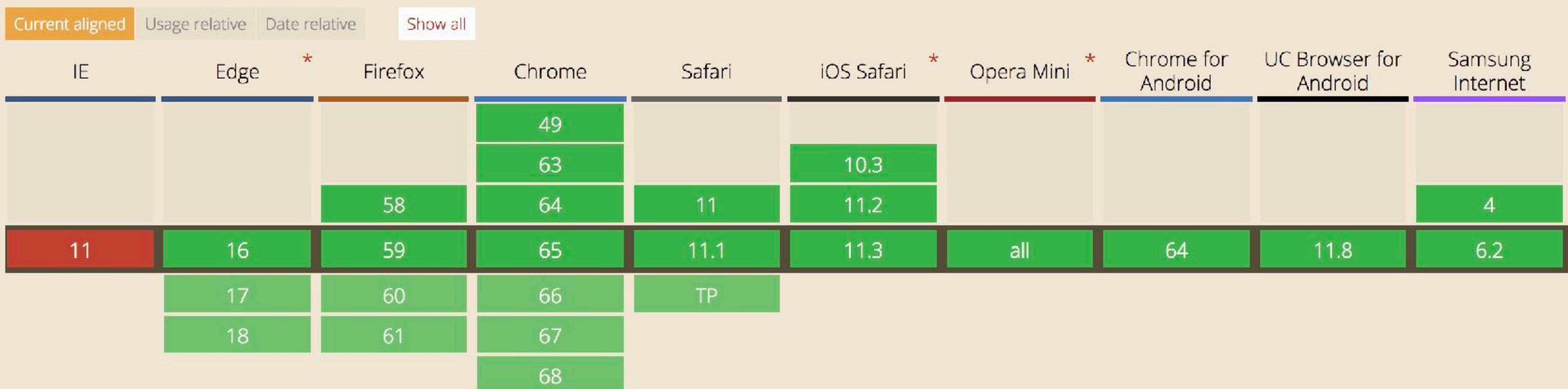
Lorem ipsum dolor sit amet, cs vitae fugiat?

@supports

## CSS Feature Queries - CR

Usage  
Global % of all users 93.68%

CSS Feature Queries allow authors to condition rules based on whether particular property declarations are supported in CSS using the @supports at rule.



1. Shared fallback + Grid
2. Fallback-only
3. Grid enhancements

```
order: 2;  
align-self: flex-end;  
  
color: @color-text;
```

1. Shared fallback + Grid
- 2. Fallback-only**
3. Grid enhancements

```
@media screen and  
(-ms-high-contrast: none),  
(-ms-high-contrast: active) {}
```

1. Shared fallback + Grid
2. Fallback-only
- 3. Grid enhancements**

```
@supports (display: grid) and (grid-template-columns: repeat(3, 1fr)) and  
(grid-row-gap: 1%) and (grid-gap: 1%)  
and (grid-column-gap: 1%) { }
```

```
@supports (display: grid) and (grid-  
template-columns: repeat(3, 1fr)) and  
(grid-row-gap: 1%) and (grid-gap: 1%)  
and (grid-column-gap: 1%) { }
```

```
@supports (display: grid) and (grid-template-columns: repeat(3, 1fr)) and  
  (grid-row-gap: 1%) and (grid-gap: 1%)  
and (grid-column-gap: 1%) { }
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```
@supports (display: grid) and (grid-template-columns: repeat(3, 1fr)) and  
  (grid-row-gap: 1%) and (grid-gap: 1%)  
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and (grid-column-gap: 1%) { }
```

```
@supports (display: grid) and (grid-template-columns: repeat(3, 1fr)) and  
(grid-row-gap: 1%) and (grid-gap: 1%)  
and (grid-column-gap: 1%) { }
```

A little bit of fun.

Tying your  
tools to Slack



## Neat features that maximize Slack

The myriad  
uses for  
custom emoji



## How Slack shortens distances

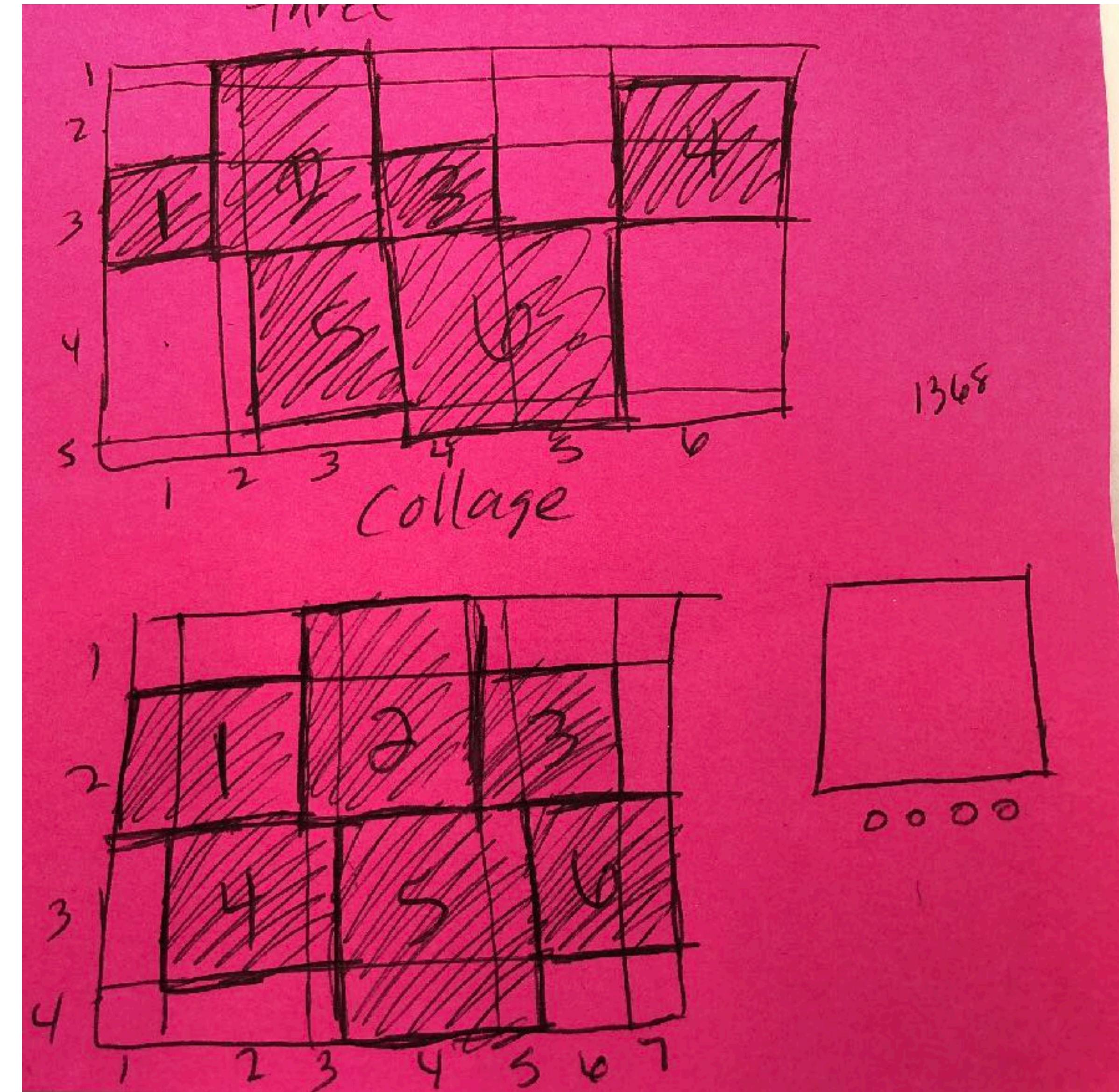


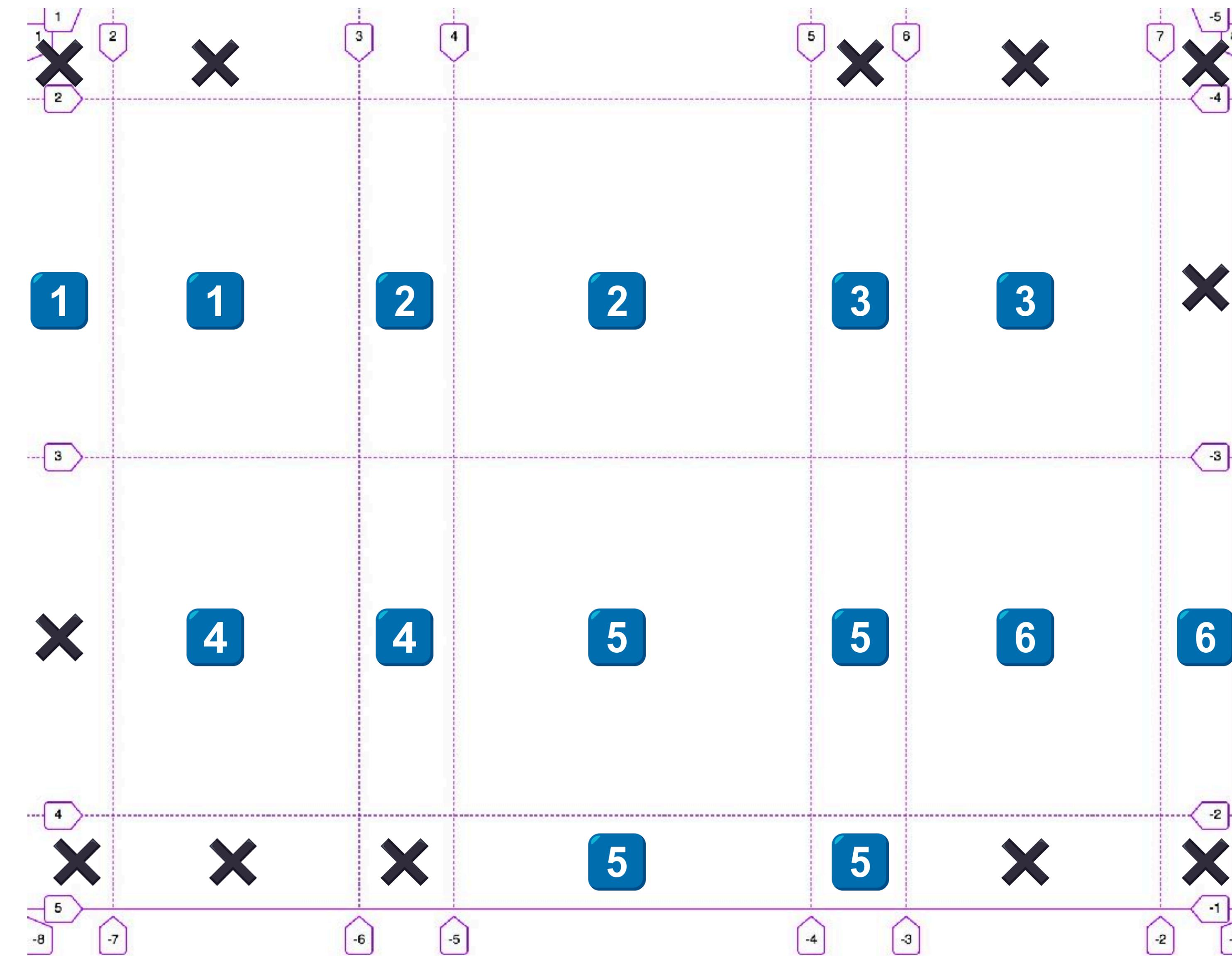
## How to organize your work life into Slack channels

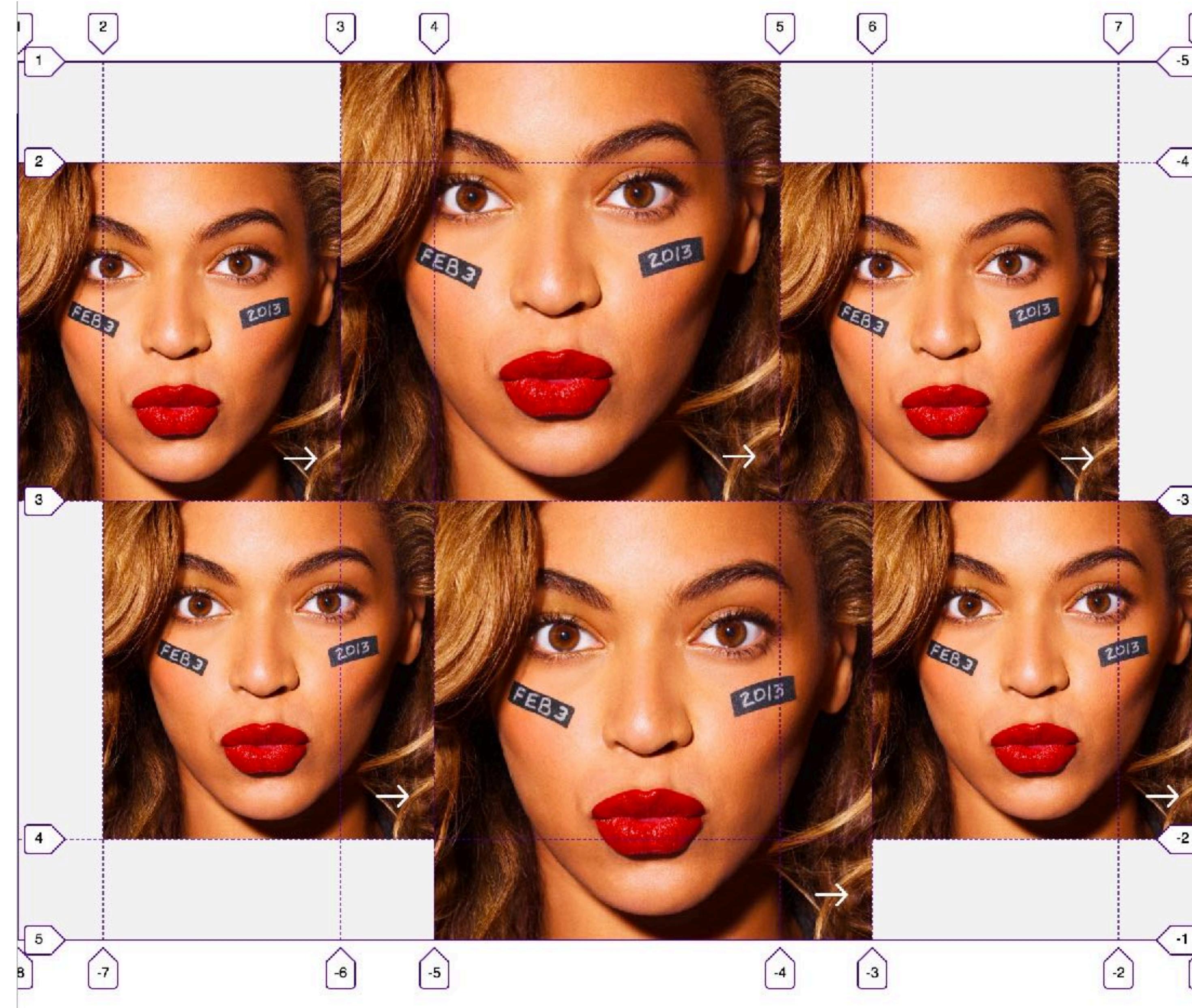


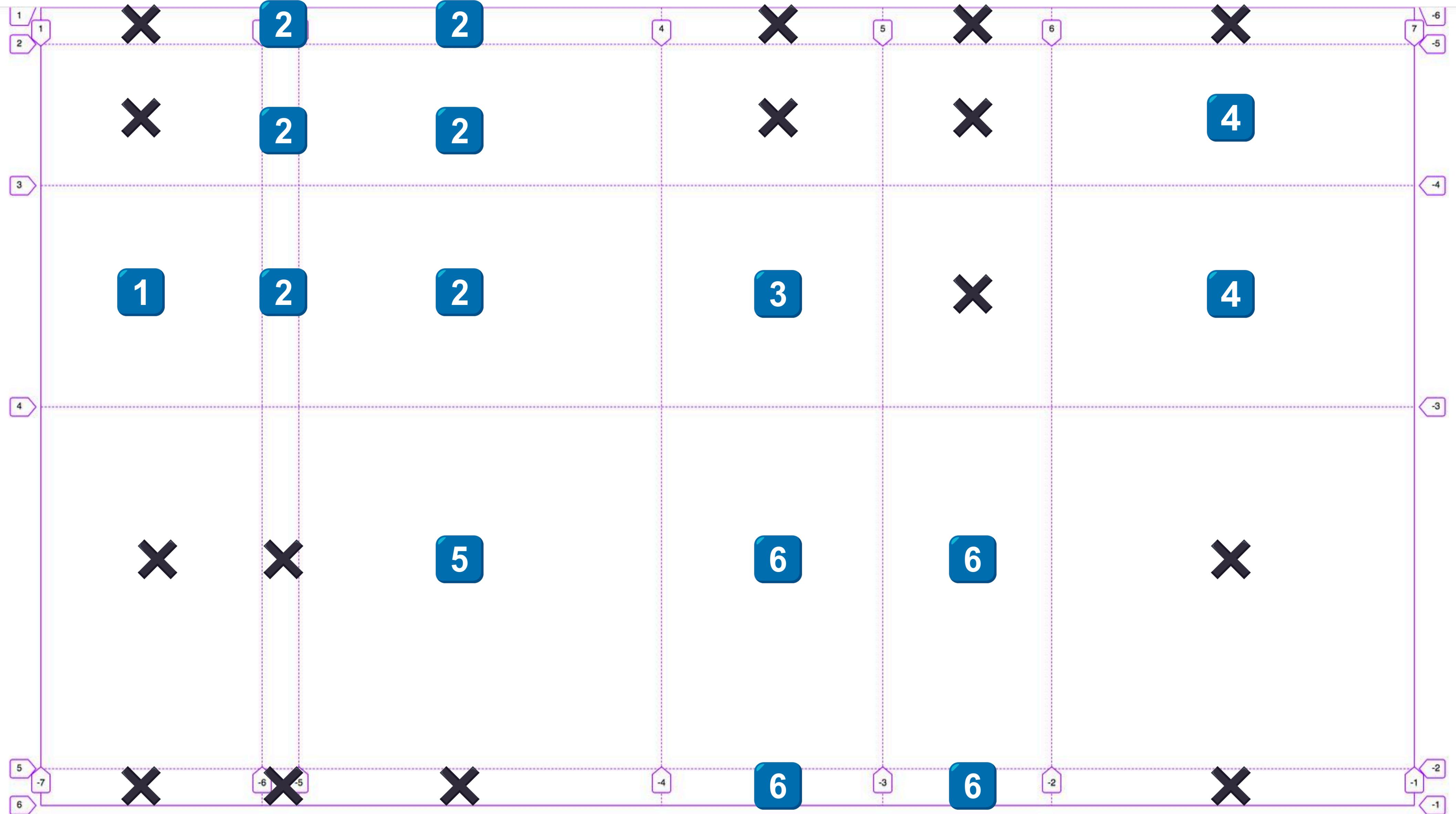
## Balancing fast and slow information in Slack

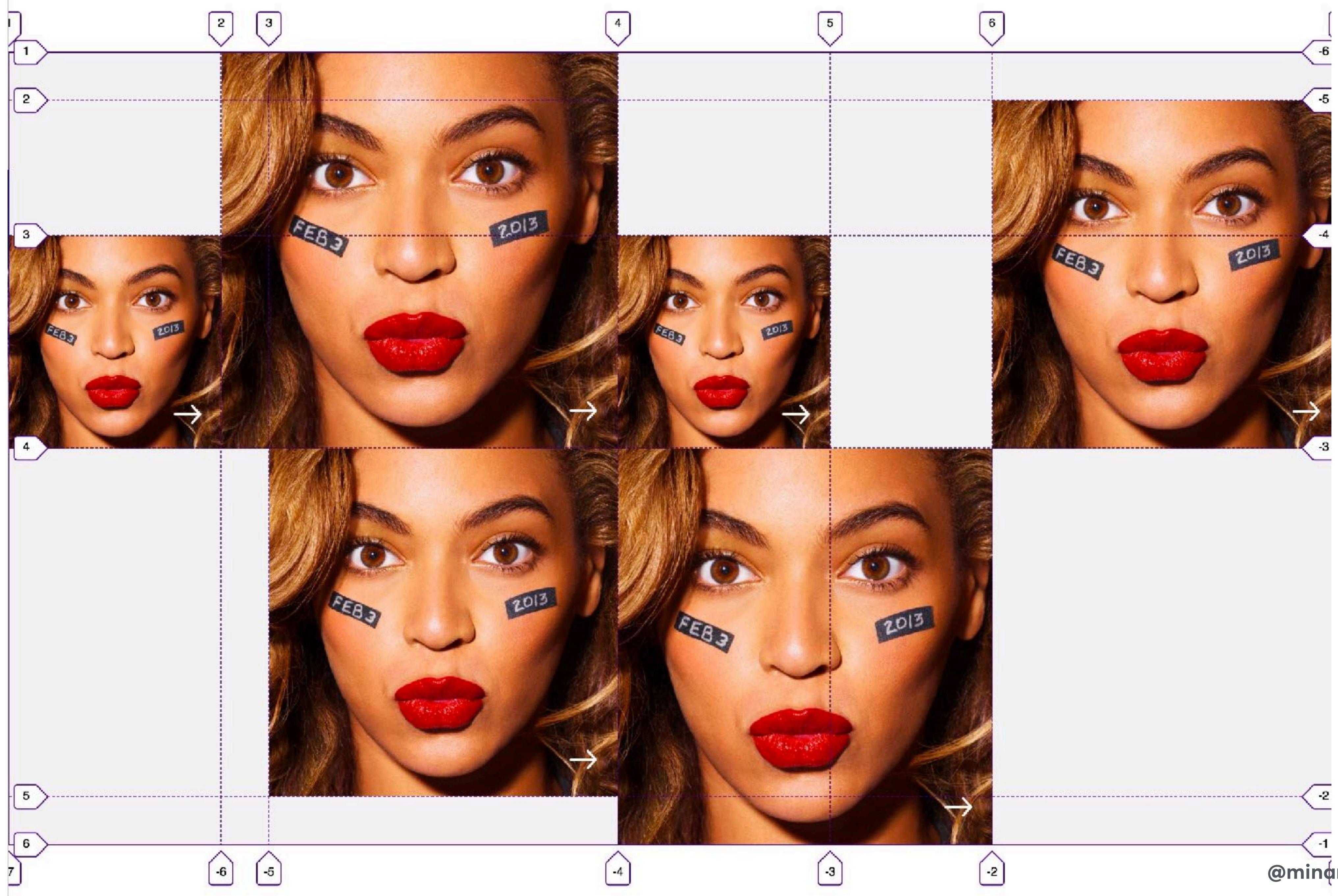










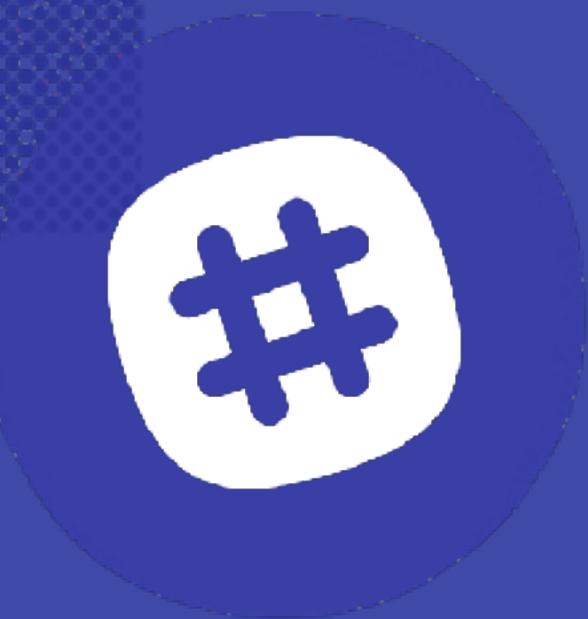
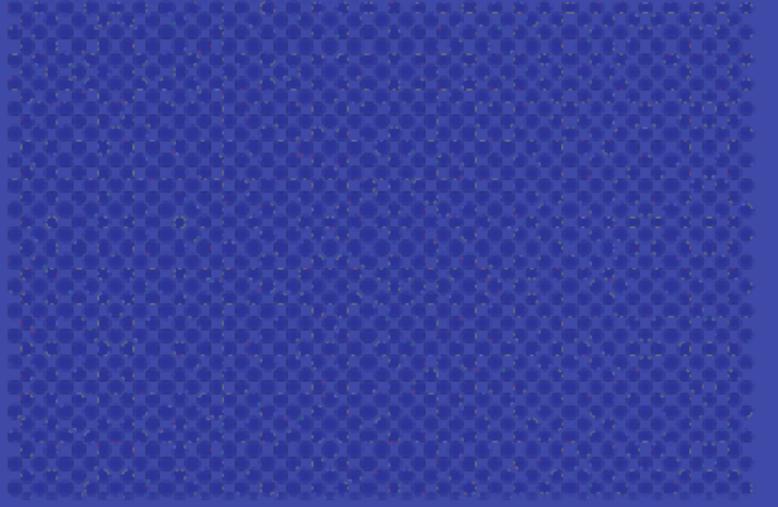




**Firefox**

**Firefox Nightly**

<https://twitter.com/TacoPhox/status/984278861188755456>



 @minamarkham

Thanks!

# Resources + Credits



Emoji provided free by [Emoji One](#)



Fonts: Tiempos Headline & Averta



Illustrations by [Alice Lee](#)