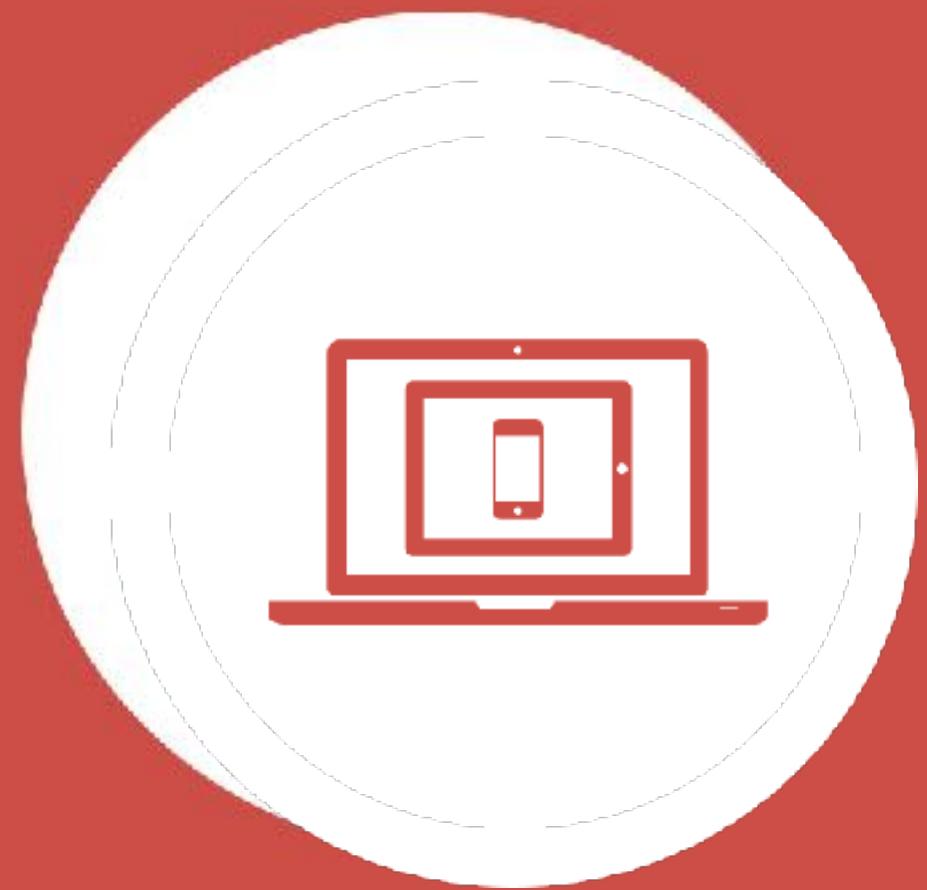


RESPONSIVE DESIGN

What's coming in 2018

and beyond.





Responsive Web Design Is...

The combination of flexible grids, flexible images and media queries. We help take the complexity out of responsive design with details on Design, Development and Strategy.

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CSS Grid Layout

Faster Websites

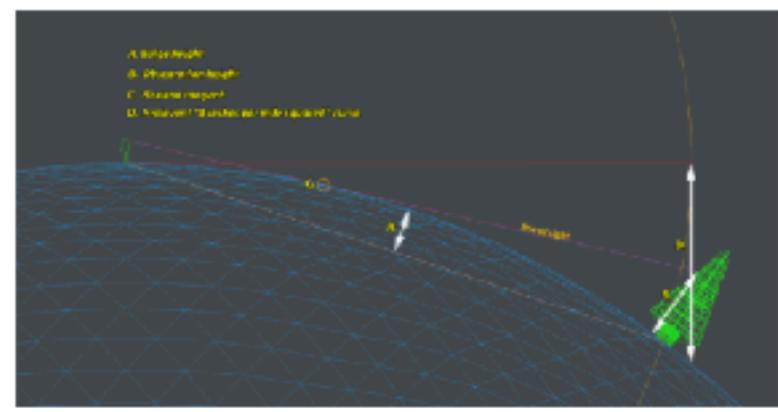
Offline / PWAs

Cool Sh*tuff

CSS Grid Layout

Problem with floats.

only five planets because five are all we can see with the naked eye: Mercury, Venus, Mars, Jupiter, and Saturn. Today we know why the planets take such unusual paths across the sky: though the stars hardly move at all in comparison to our solar system, the planets orbit the sun, so their motion in the night sky is much more complicated than the motion of the distant stars.

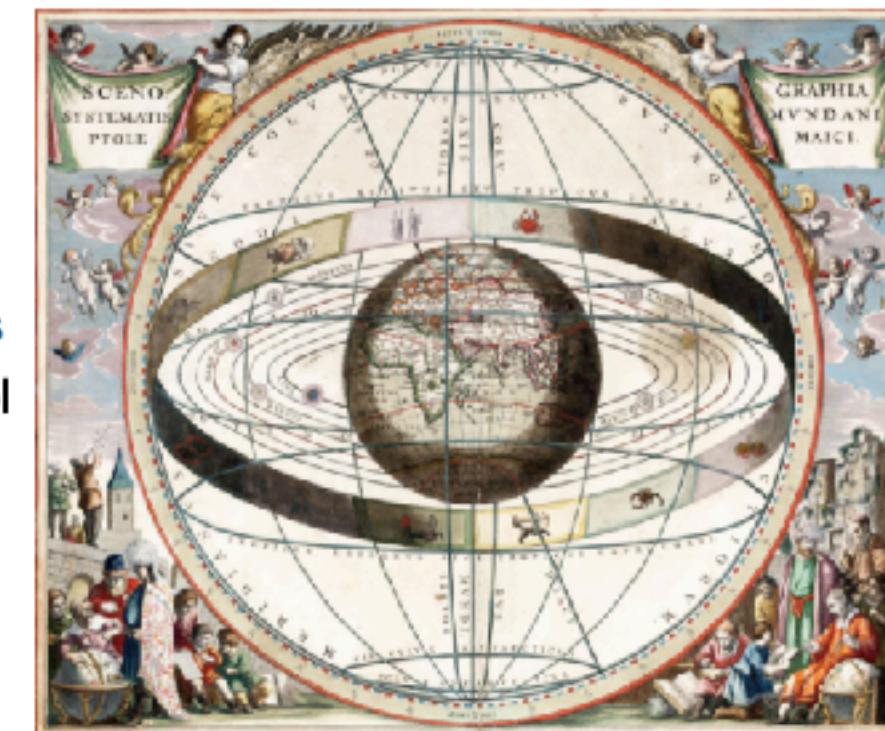


Aristotle thought that the earth was stationary and that the sun, the moon, the planets, and the stars moved in circular orbits about the earth. He believed this because he felt, for mystical reasons, that the earth was the centre of the universe and that circular motion was the most perfect. In the second century A.D. another Greek, Ptolemy, turned this idea into a complete model of the heavens. Ptolemy was passionate about his studies. "When I follow at my pleasure the serried multitude of the stars in their circular course," he wrote, "my feet no longer touch the earth."

In Ptolemy's model, eight rotating spheres surrounded the earth. Each sphere was successively larger than the one before it, something like a Russian nesting doll. The earth was at the centre of the spheres. What lay beyond the last sphere was never made very clear, but it certainly was not part of mankind's observable universe. Thus the outermost sphere was a kind of boundary, or container, for the universe. The stars occupied fixed positions on that sphere, so when it rotated, the stars stayed in the same positions relative to each other and rotated together, as a crowd, across the sky just as we observe. The

was adopted by the Christian church as the picture of the universe that was in accordance with scripture, for it had the great advantage that it left lots of room outside the sphere of fixed stars for heaven and hell.

Another model, however, was proposed in 1514 by a Polish priest, Nicolaus Copernicus. (At first, perhaps for fear of being branded a heretic by his church, Copernicus circulated his model anonymously.) Copernicus had the revolutionary idea that not all heavenly bodies must orbit the earth. In fact, his idea was that the sun was stationary at the centre of the solar system and that the earth and planets moved in circular orbits around the sun. Like Ptolemy's model, Copernicus's model worked well, but it did not perfectly match observation. Since it was much simpler than Ptolemy's model, though, one might have expected people to embrace it. Yet nearly a century passed before this idea was taken seriously. Then two astronomers—the German Johannes Kepler and the Italian —started publicly to support the Copernican theory.



In 1609, Galileo started observing the night sky with a telescope, which had just been invented. When he looked at the planet Jupiter, Galileo found that it was accompanied by several small satellites or moons that orbited around it. This implied that everything did not have to orbit directly around the earth, as Aristotle and Ptolemy had thought. At the same time, Kepler improved Copernicus's theory, suggesting that the planets moved not in circles but in ellipses. With this change the predictions of the theory suddenly matched the observations. These events were the death blows to Ptolemy's model.

My Item

This is the items content based on the desinger. In real life the words are different in each box.

[Read More](#)

My Item

This is the items content based on the desingerThis will make some boxes appear to be really really really really really really really long.

[Read More](#)

My Item

And some really short.

[Read More](#)

My Item

This is the items content based on the desinger

[Read More](#)

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My Item

This is the items content based on the desinger

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My Item

This is the items content based on the desinger

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CSS Flex Box

1 Dimensional Layout

```
<div class="container">
  <div class="item"></div>
  <div class="item"></div>
  <div class="item"></div> <!--8 items -->
</div>
```



```
.container {  
    width: 95%;  
    max-width: 1024px;  
    margin: 1em auto;  
    display: flex;  
    flex-wrap: wrap;  
}
```



```
.item {  
  padding: 1em;  
  margin: 1%;  
  flex-basis: 15em; /* be 15em wide */  
  flex-grow: 1; /* Grow full width */  
  flex-shrink:0; /* Don't shrink. */  
}
```



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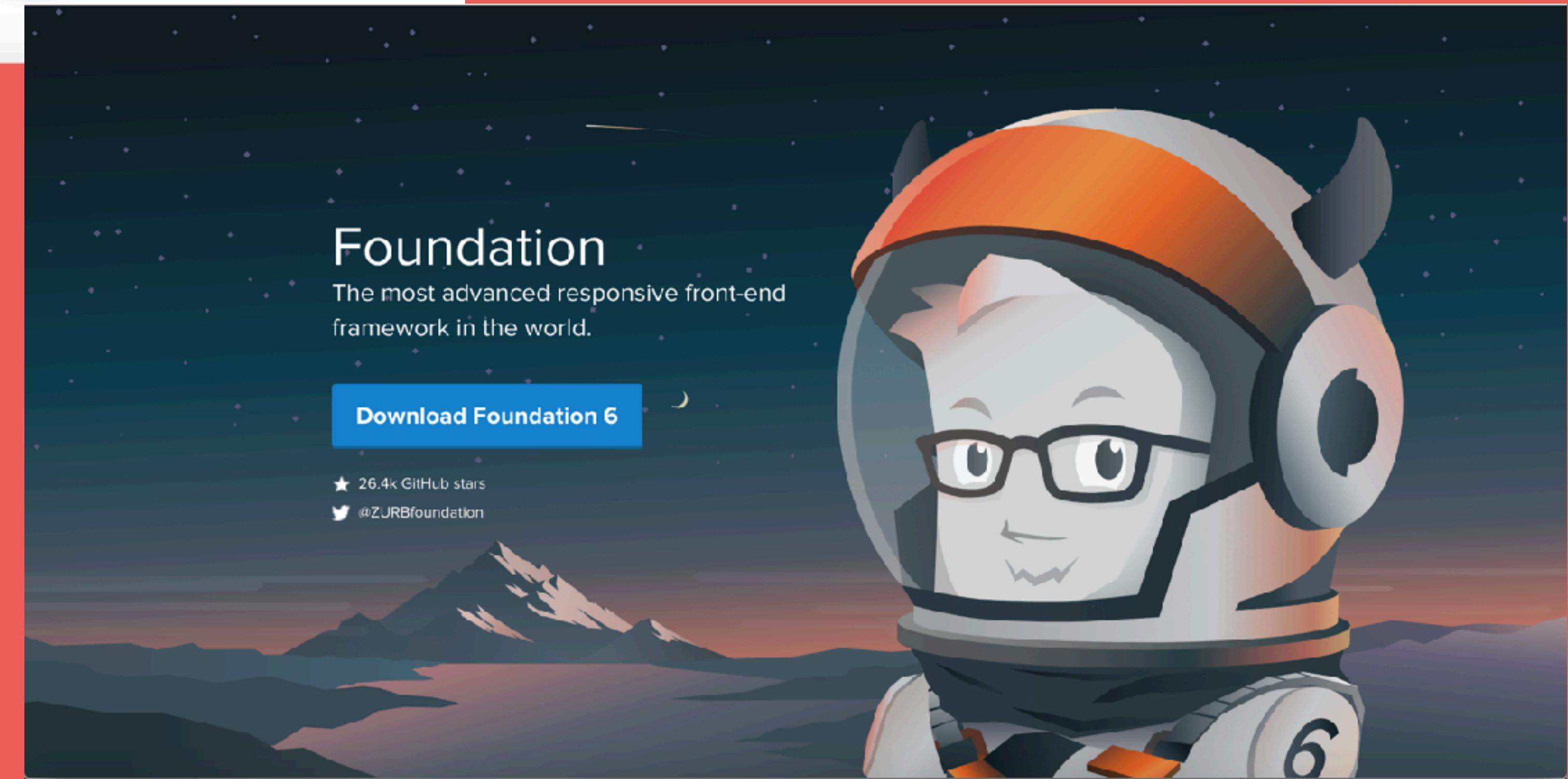
Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

[Get started](#)[Download](#)

Currently v4.0.0-beta



The Foundation website features a dark background with a starry space theme. On the left, there's a callout for the Foundation framework, which is described as "The most advanced responsive front-end framework in the world." It includes a "Download Foundation 6" button, a GitHub stars count of 26.4k, and a Twitter handle @ZURBfoundation. On the right, a large, friendly cartoon character wearing a space helmet and goggles looks towards the viewer. The character has orange hair and a smiling face. The overall aesthetic is modern and tech-oriented.

Foundation
The most advanced responsive front-end framework in the world.

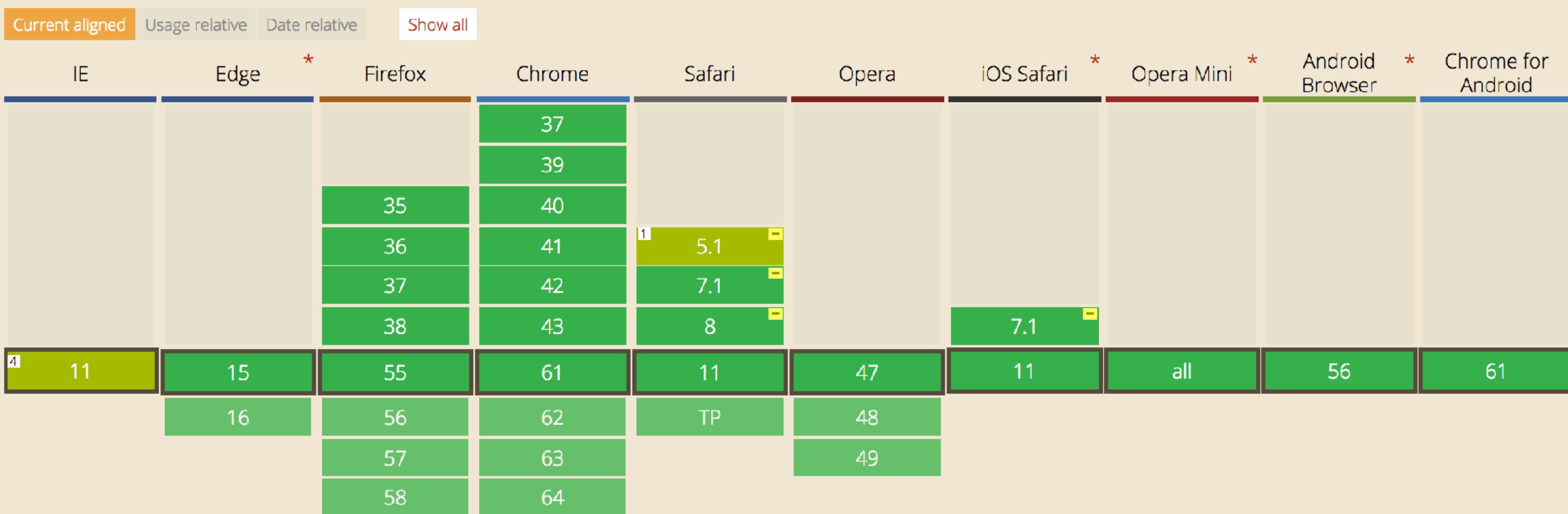
[Download Foundation 6](#)

★ 26.4k GitHub stars
Twitter @ZURBfoundation

CSS Flexible Box Layout Module

Method of positioning elements in horizontal or vertical stacks.
Support includes all properties prefixed with `flex`, as well as
`display: flex`, `display: inline-flex`, `align-content`, `align-items`, `align-self`, `justify-content` and `order`.

responsivedesign.is	90.16% + 4.31% = 94.48%
unprefixed:	82.83% + 2.67% = 85.5%
U.K.	84.42% + 6.55% = 90.97%
unprefixed:	83.87% + 4.95% = 88.82%
	show more...



FLEXBOX FROGGY

◀ Level 13 of 24 ▶

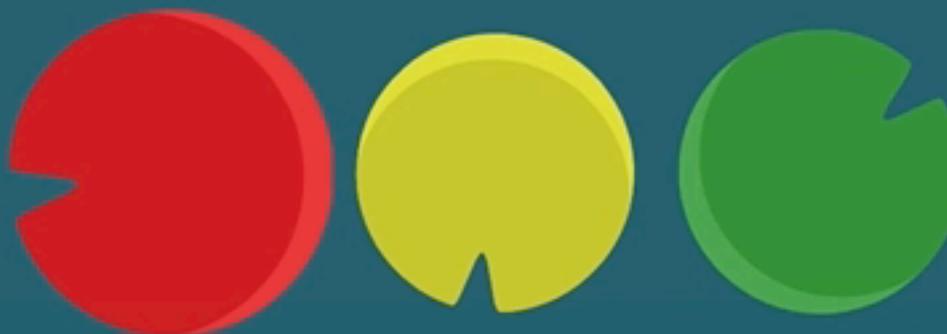
Help the frogs find their lily pads using `flex-direction`, `justify-content`, and `align-items`.

```
1 #pond {  
2   display: flex;  
3   |  
4   |  
5   |  
6   |  
7   |  
8   |  
9   |  
10}|
```

Next

Flexbox Froggy is created by [Codeipip](#) • [GitHub](#) • [Twitter](#) • [English](#)

Want to learn CSS grid? Play [Grid Garden](#).



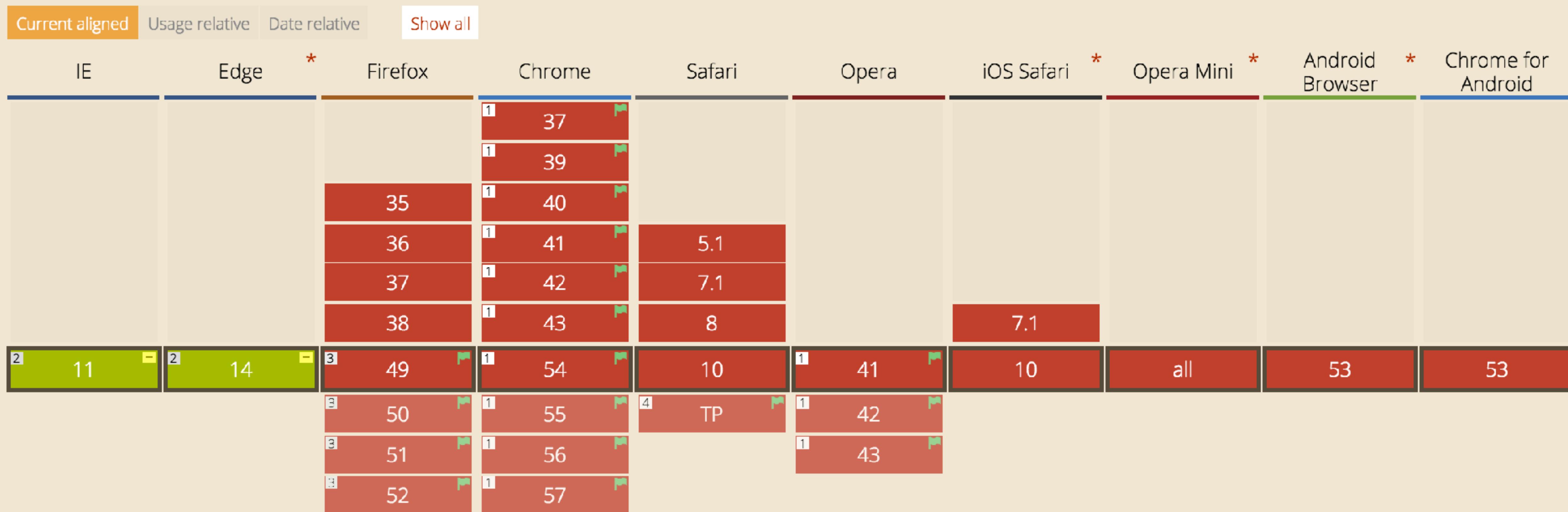
CSS Grid Layout

2 Dimensional Layout

CSS Grid Layout - CR

Method of using a grid concept to lay out content, providing a mechanism for authors to divide available space for lay out into columns and rows using a set of predictable sizing behaviors

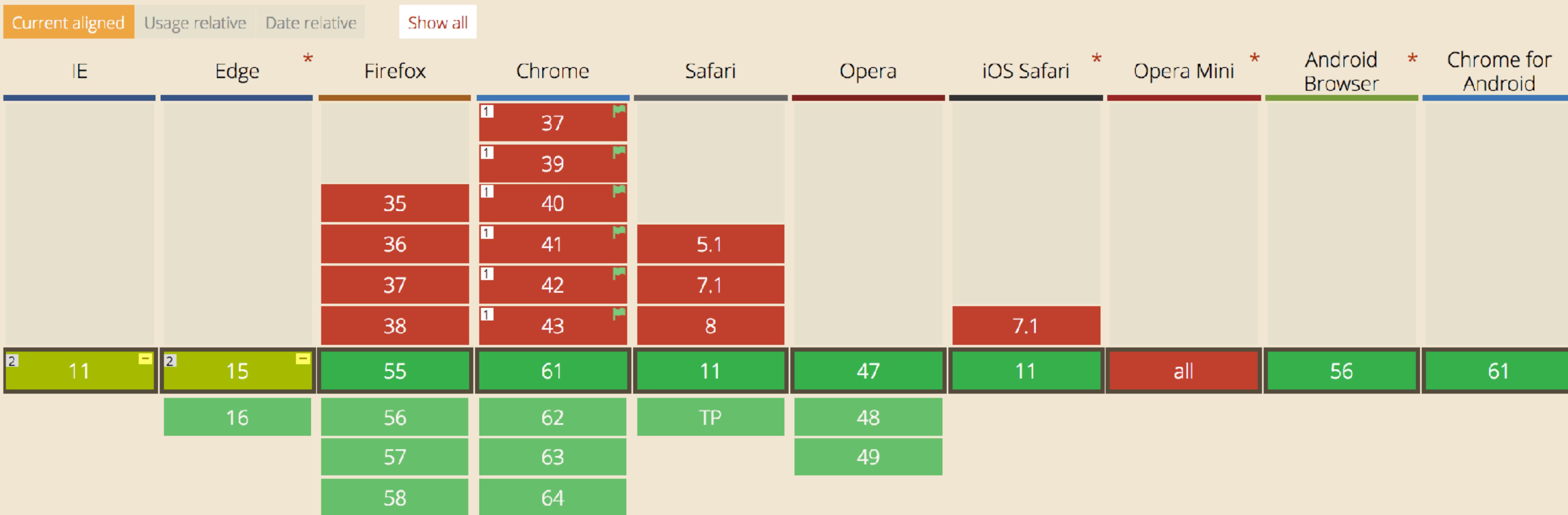
responsivedesign.is	0% + 2.79% = 2.79%
unprefixed:	0%
Global	0% + 6.8% = 6.8%
unprefixed:	0%
	show more...



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

responsivedesign.is	0%	+ 2.79% = 2.79%
unprefixed:	0%	
U.K.	70.46% + 6.67% = 77.13%	
unprefixed:	70.46%	
show more...		



Josef Müller-Brockmann

Grid systems

in graphic design

A visual communication
manual for graphic designers,
typographers and three
dimensional designers

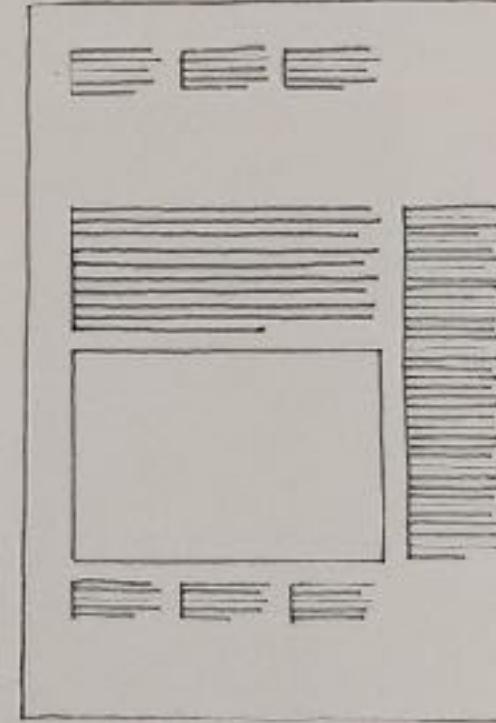
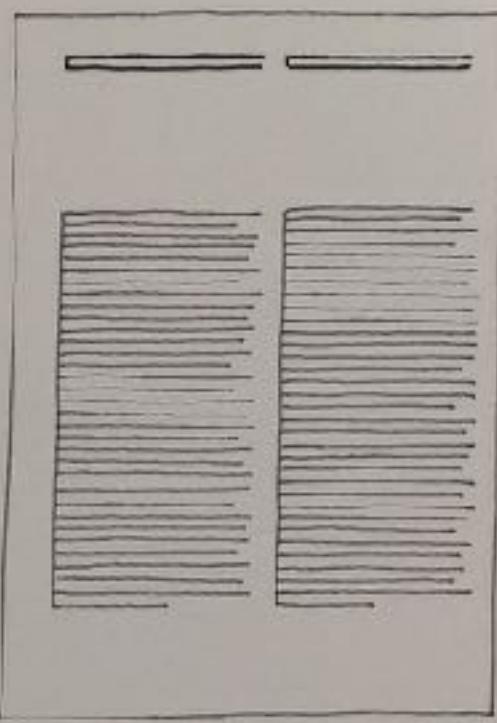
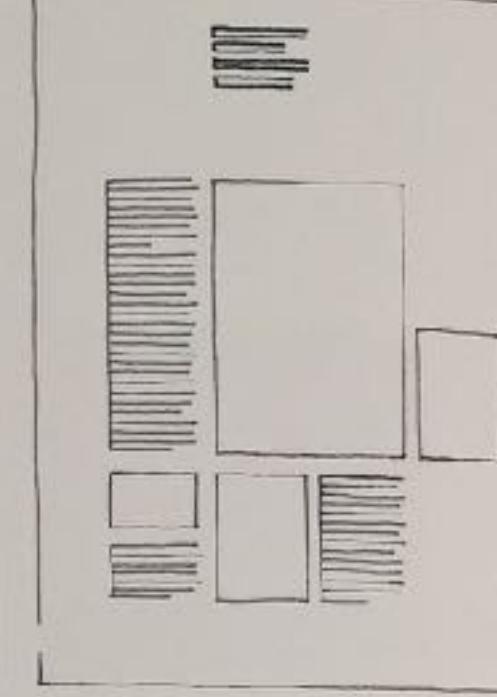
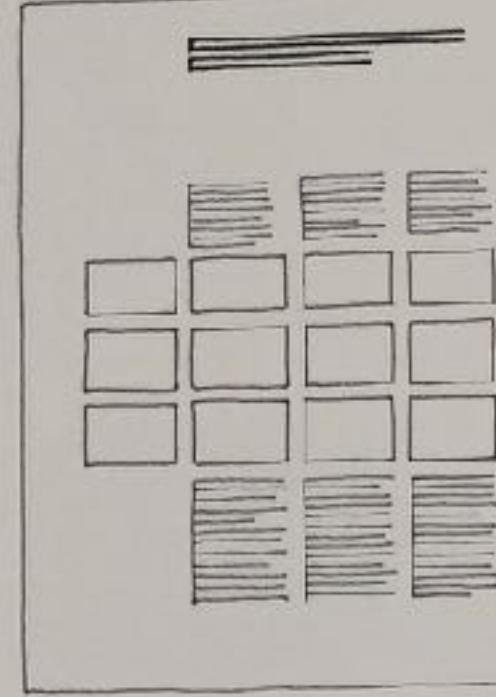
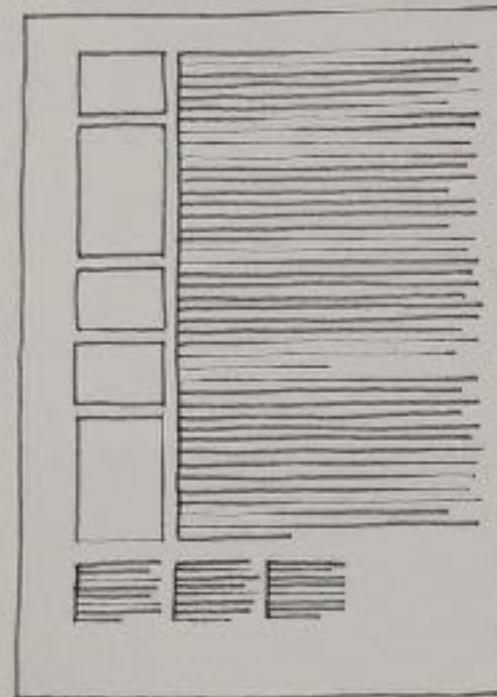
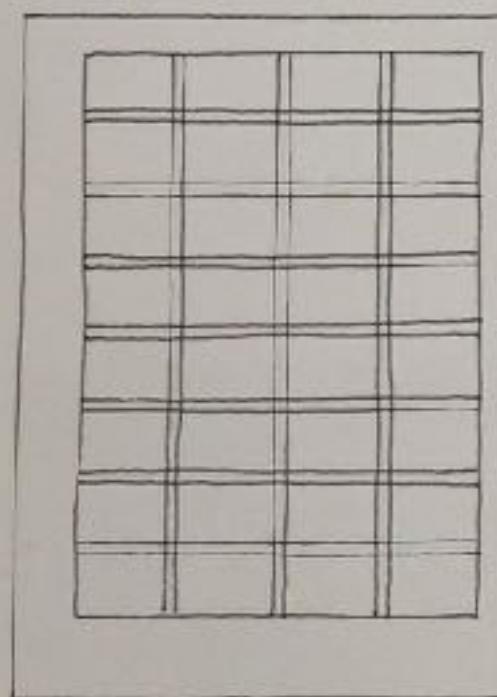
Raster systeme

für die visuelle Gestaltung

Ein Handbuch für Grafiker,
Typografen und
Ausstellungsgestalter

Niggli

Sketches for a grid with 32 fields



In sketching a grid, care must be taken to ensure that the sketch corresponds as closely as possible to the proportions of the final printed format. Particulars regarding the text columns and lines should be as precise as they can be. A good sketch can look like a scaled-down reproduction in print. This implies that the sketched lines representing lines of print and the outlines of the picture formats should be approximately proportional to the final printed work. Such a sketch should enable some idea to be formed of the quantity of text, the size of the type, the length of the

lines and how much of the area is type matter and how much picture. The designer can easily succumb to the temptation to indicate the type with excessively heavy and imprecise strokes of the pencil which give no information of the size of the letters and the width of the text columns. It needs concentration and sensitivity, and also a certain amount of practice, before the sketch begins to look like a precise original from which the printer can work.

The sketches shown are 5.6 cm high in the original, i.e. only a few mm larger than the print.

Beim Skizzieren eines Rasters muss darauf geachtet werden, dass die Skizze möglichst genau der Proportion des endgültigen Druckformats entspricht. Die Angaben für die Textspalten und Textzeilen sollen so genau wie möglich sein. Eine gute Skizze kann wie eine verkleinerte Druckwiedergabe wirken. Das bedeutet, dass die skizzierten Linien für die Zeilen und die Umrisse für die Bildformate in der angenäherten Proportion zur definitiven Drucksache stehen sollen. Eine solche Skizze vermag bereits die Vorstellung der Menge Text, der Größe der Schrift, der Länge der Zeilen

und vom Größenverhältnis von Schrift zu Bildfeld zu geben. Der Gestalter ist leicht versucht, die Schrift mit zu schweren und flüchtigen Strichen anzudeuten, die keinen Eindruck der Größe der Buchstaben und der Breite der Textspalten zulassen. Es braucht Konzentration und Sensibilität, aber auch eine gewisse Übung dazu, bis die Skizze den Eindruck der präzisen Druckvorlage liefert.

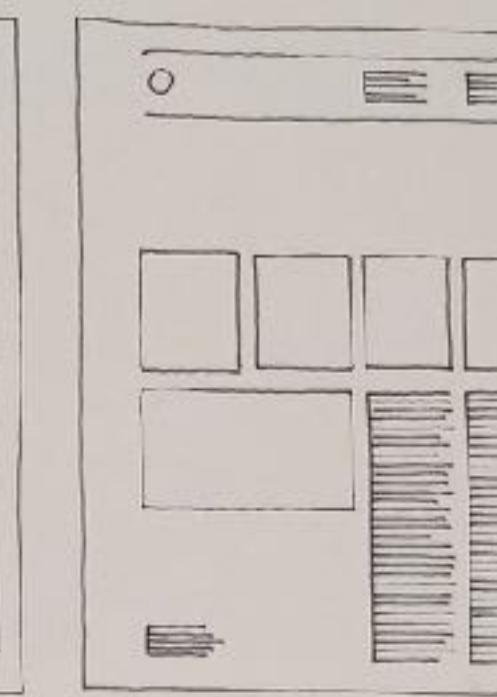
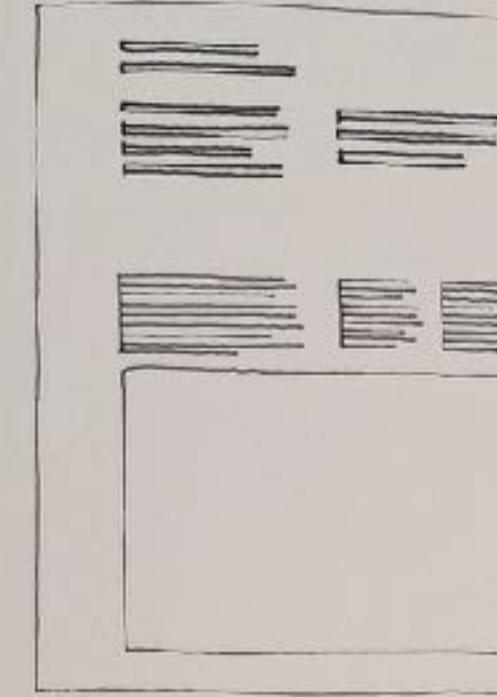
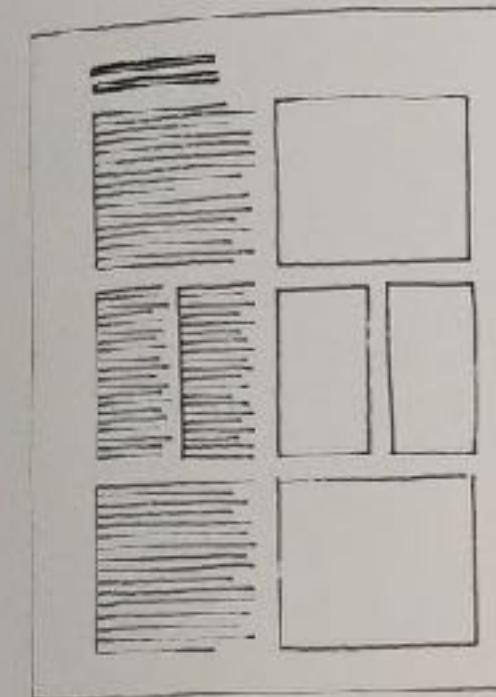
Die abgebildeten Skizzen sind im Original 8,5 cm hoch, d.h.

um einige Millimeter größer,

als sie hier im Druck erscheinen,

gezeichnet.

Sketches for a grid with 32 fields



94

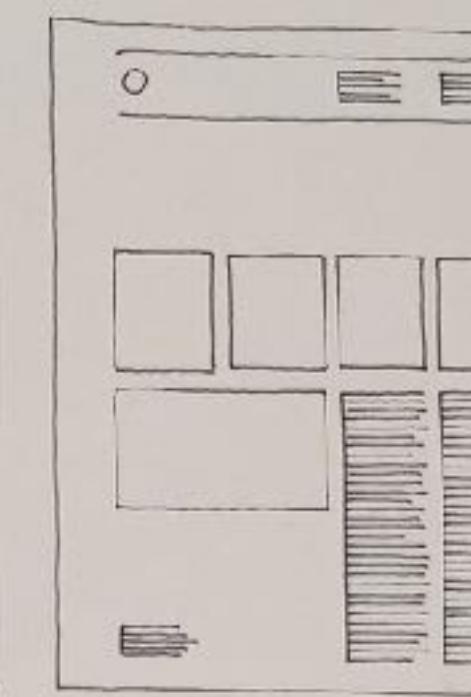
95

5

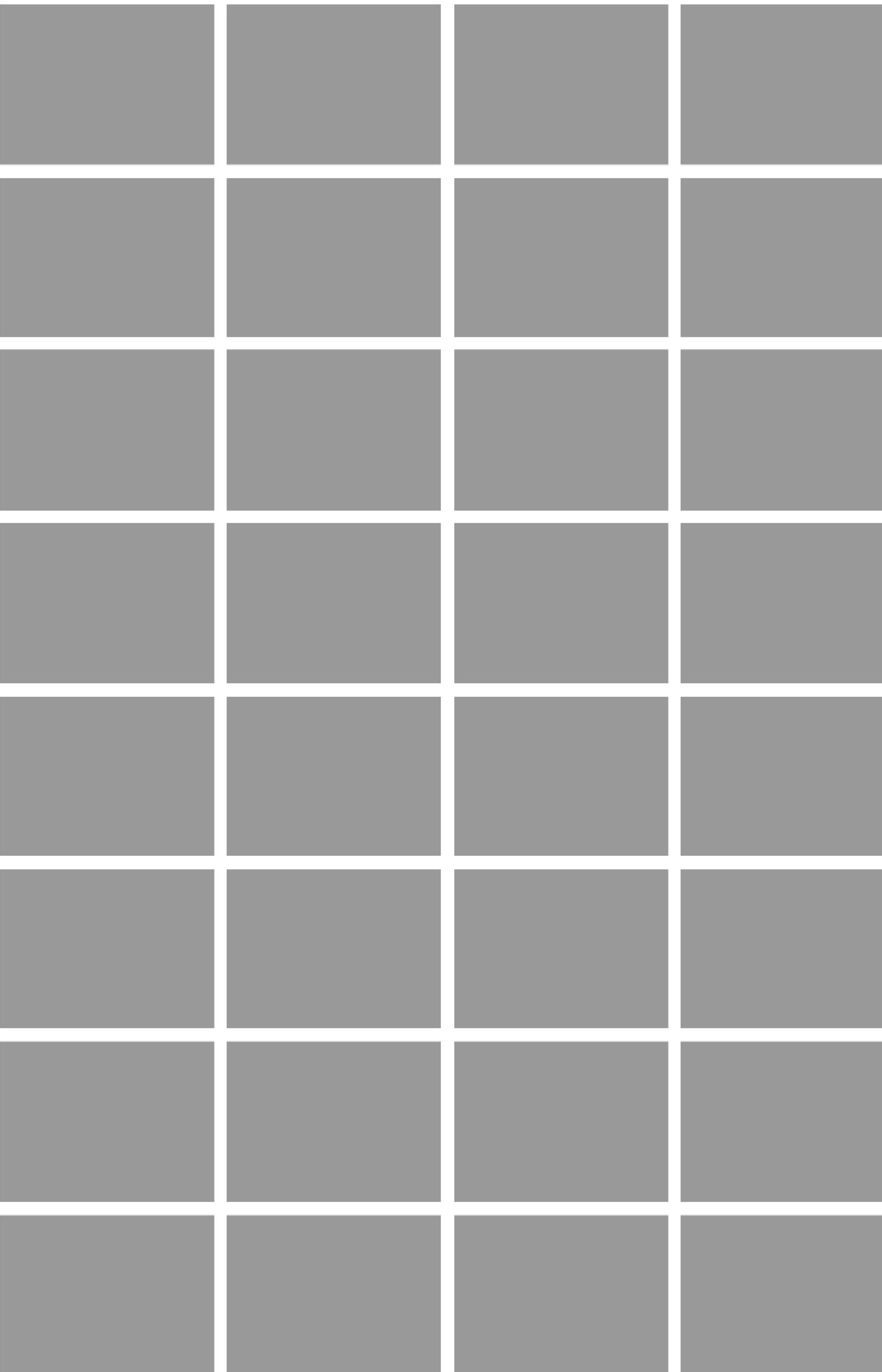
The sketches show only a few of the many possibilities of designing with a 32-field grid. Their purpose is to indicate how the sketches should be drawn so as to enable a picture to be formed of the final result. The more inaccurate the sketch, the more difficult it is to imagine what the finished printed work will look like. The more accurate the sketch, the easier it will be for the designer to test the idea behind it for suitability. There are designers who can produce, even for posters, the sketchiest sketches which nevertheless intimate quite clearly what the result will look like in print.

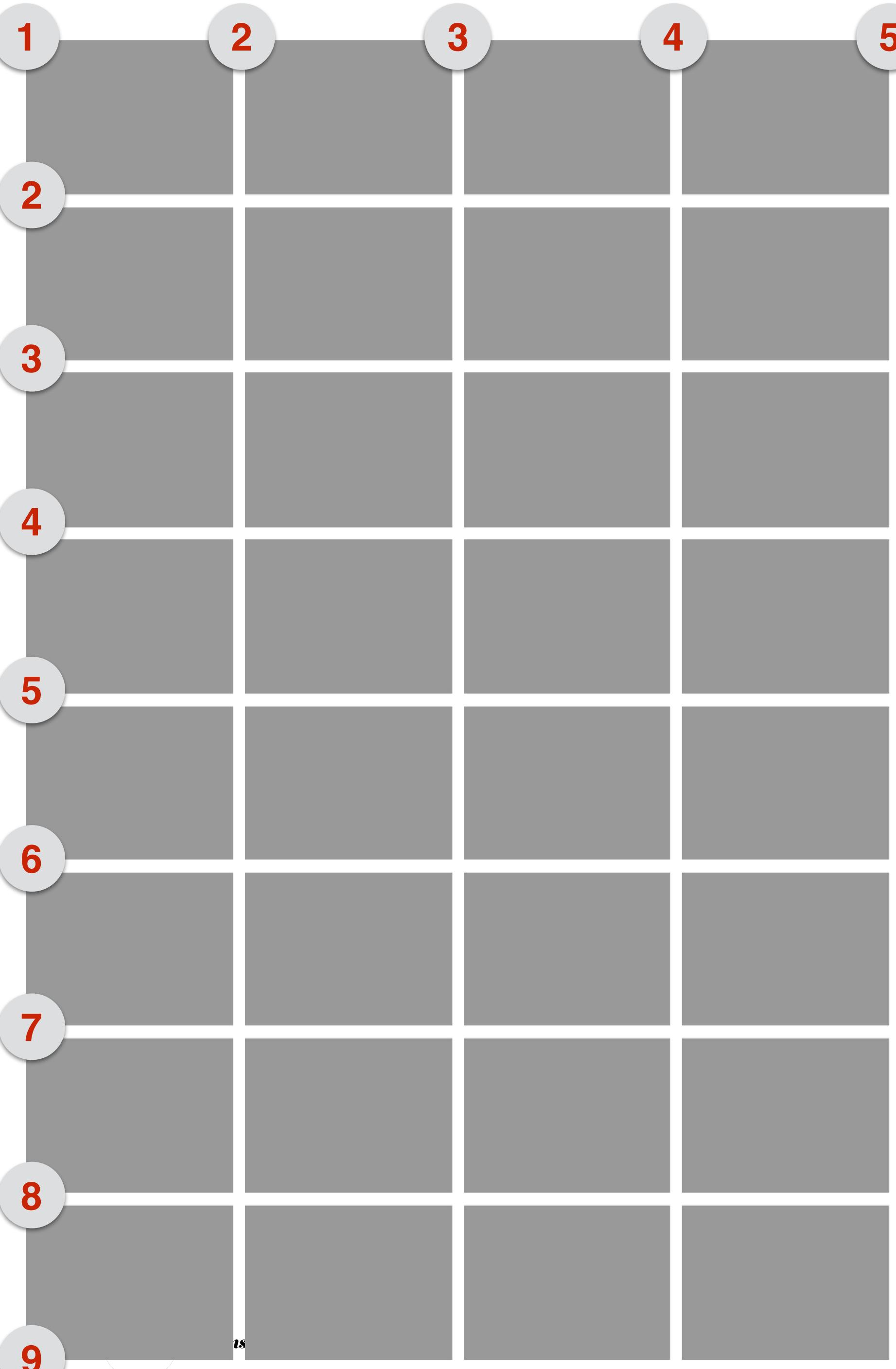
Sketches of this kind can be readily enlarged to the original size and the necessary finishing touches put to them only at this stage. A designer with no previous experience of the grid should study these pages closely and experiment for himself until he begins to grasp how the system works. Only then will he be able to benefit from thinking in terms of the grid and mathematics.

Sketches for a grid with 32 fields

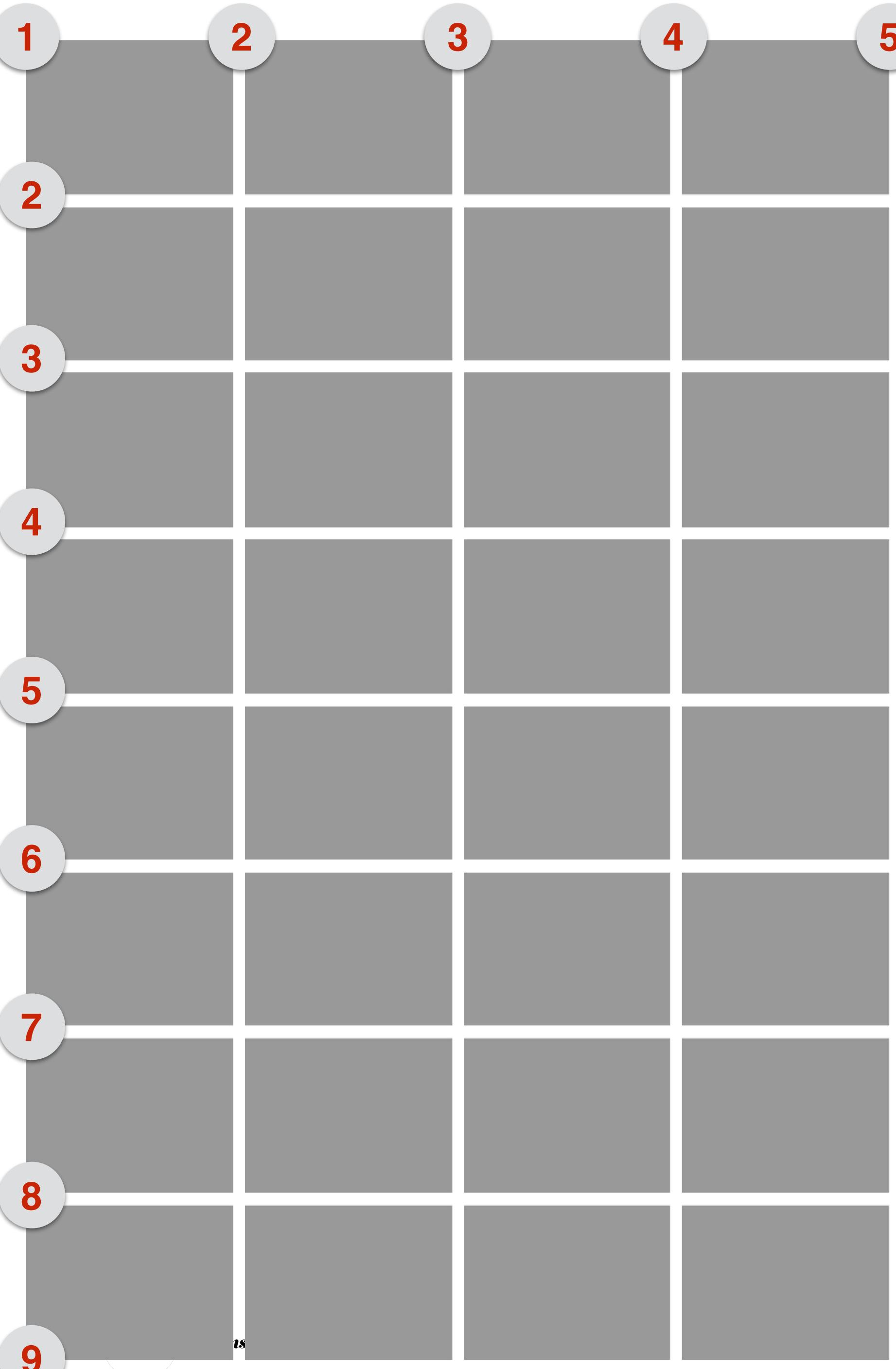


Die Skizzen zeigen nur einige wenige Möglichkeiten der Rastergestaltung mit 32 Feldern. Sie haben hier die Aufgabe zu erfüllen, wie beim Skizzieren vorgegangen werden sollte, damit es möglich wird, aus der Skizze auf das Resultat schließen zu können. Je ungenauer eine Skizze angefertigt wird, desto weniger vermag sie eine Vorstellung davon zu geben, wie die Drucksache schlussendlich aussehen könnte. Je präziser die Skizze ist, desto leichter wird es dem Gestalter möglich, die dahinter liegende Idee auf ihre Verwendbarkeit zu prüfen. Es gibt Designer, die es verstehen,

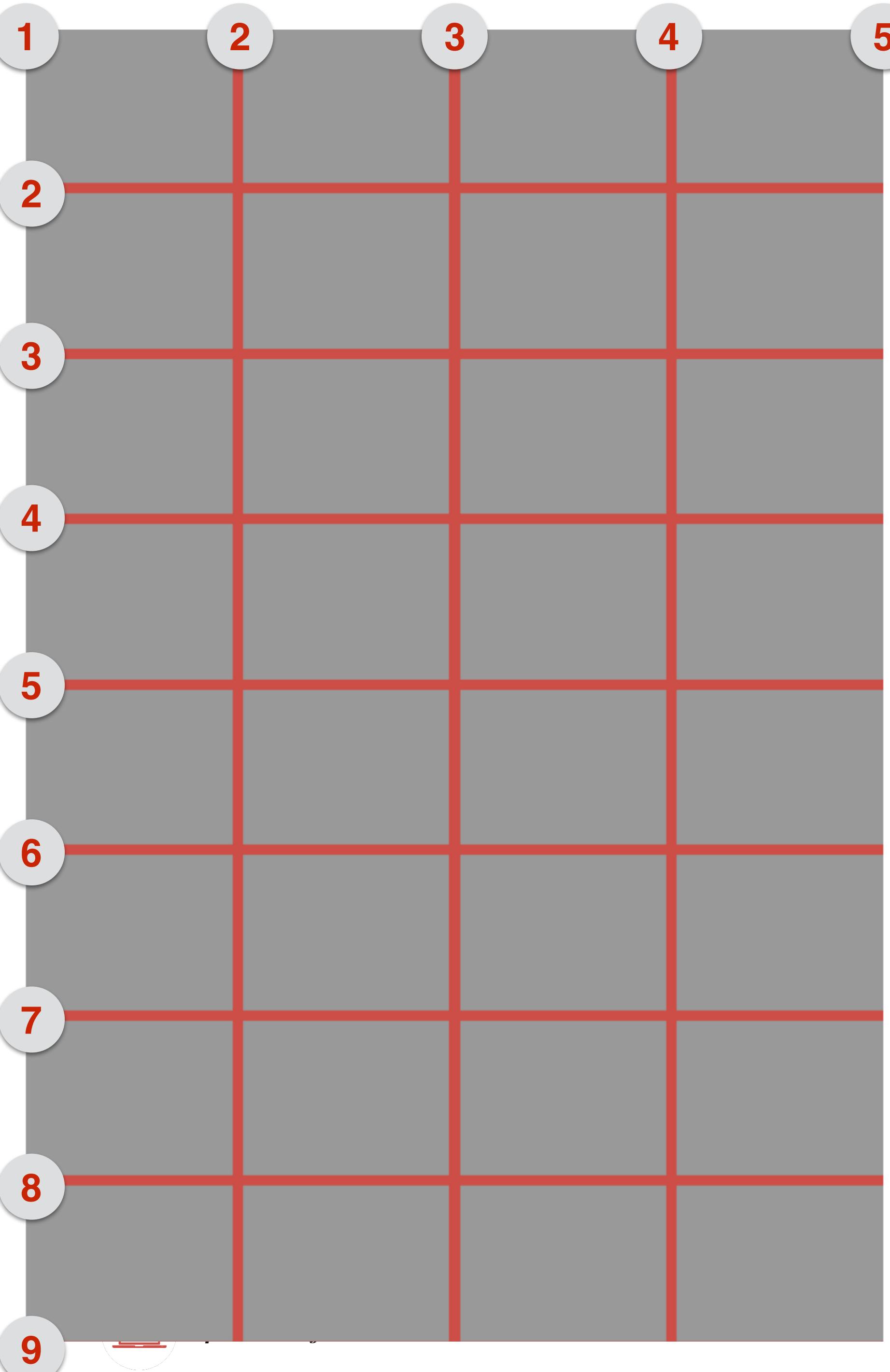




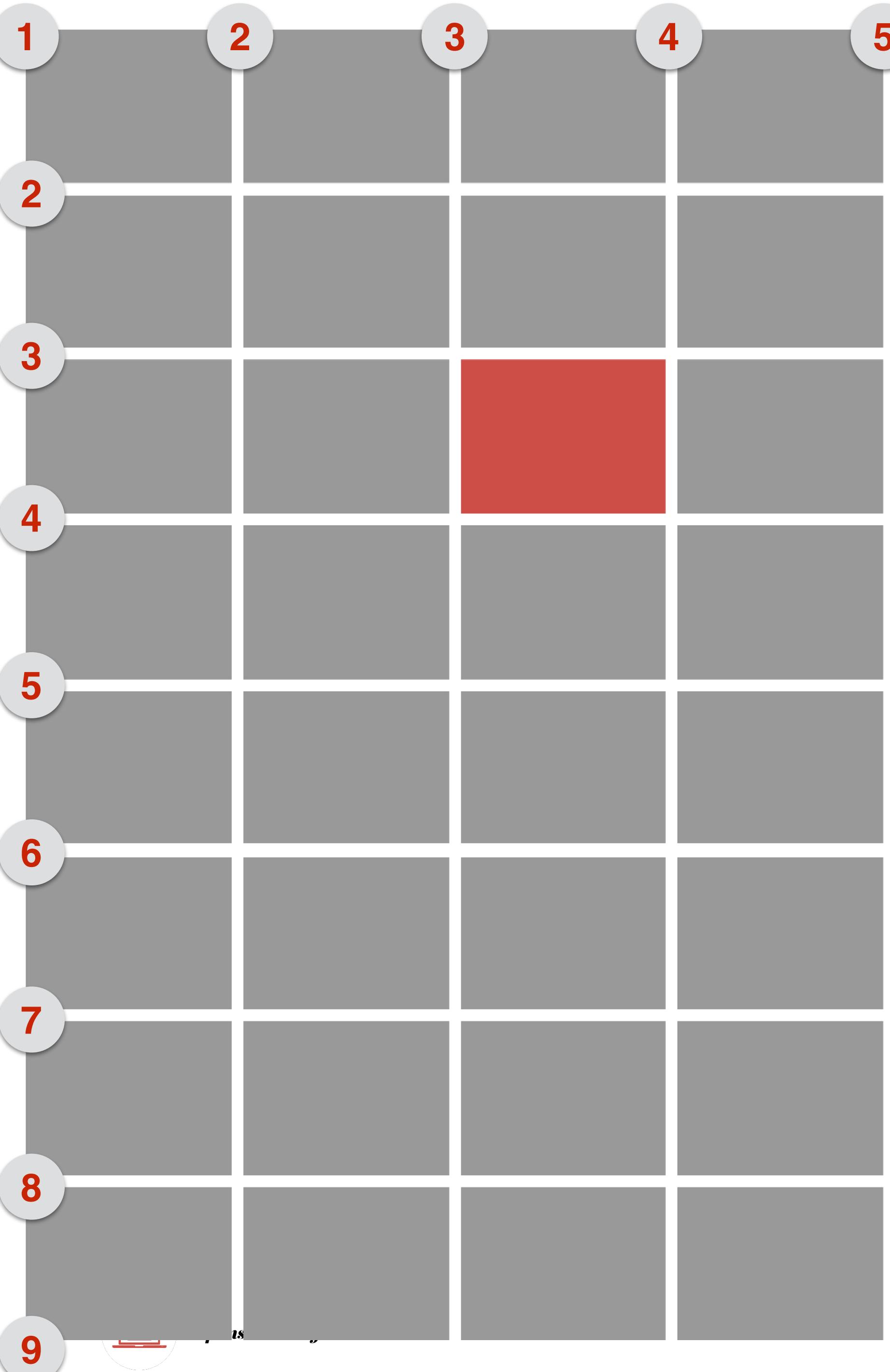
```
.container {  
    display: grid;  
    grid-template-columns: 1fr 1fr 1fr 1fr;  
    grid-template-rows: 100px 100px 100px  
                      100px 100px 100px 100px 100px;  
    grid-gap: 10px;  
}
```



```
.container {  
  display: grid;  
  grid-template-columns: repeat(4, 1fr);  
  grid-template-rows: repeat(8, 100px);  
  grid-gap: 10px;  
}
```

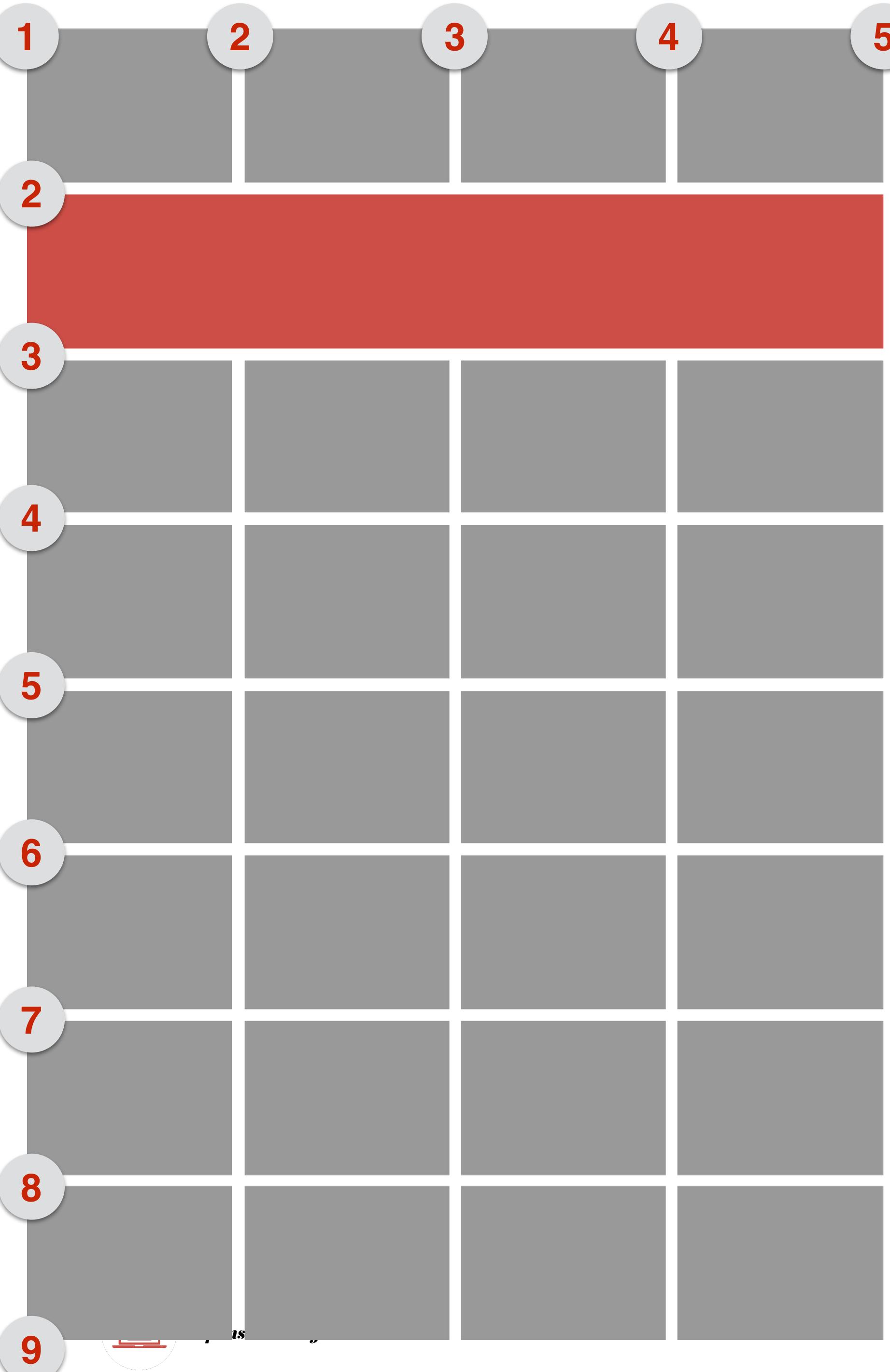


grid-column-gap: 10px;
grid-row-gap: 1em;
grid-gap: 1%;
grid-gap: 10px 1em;



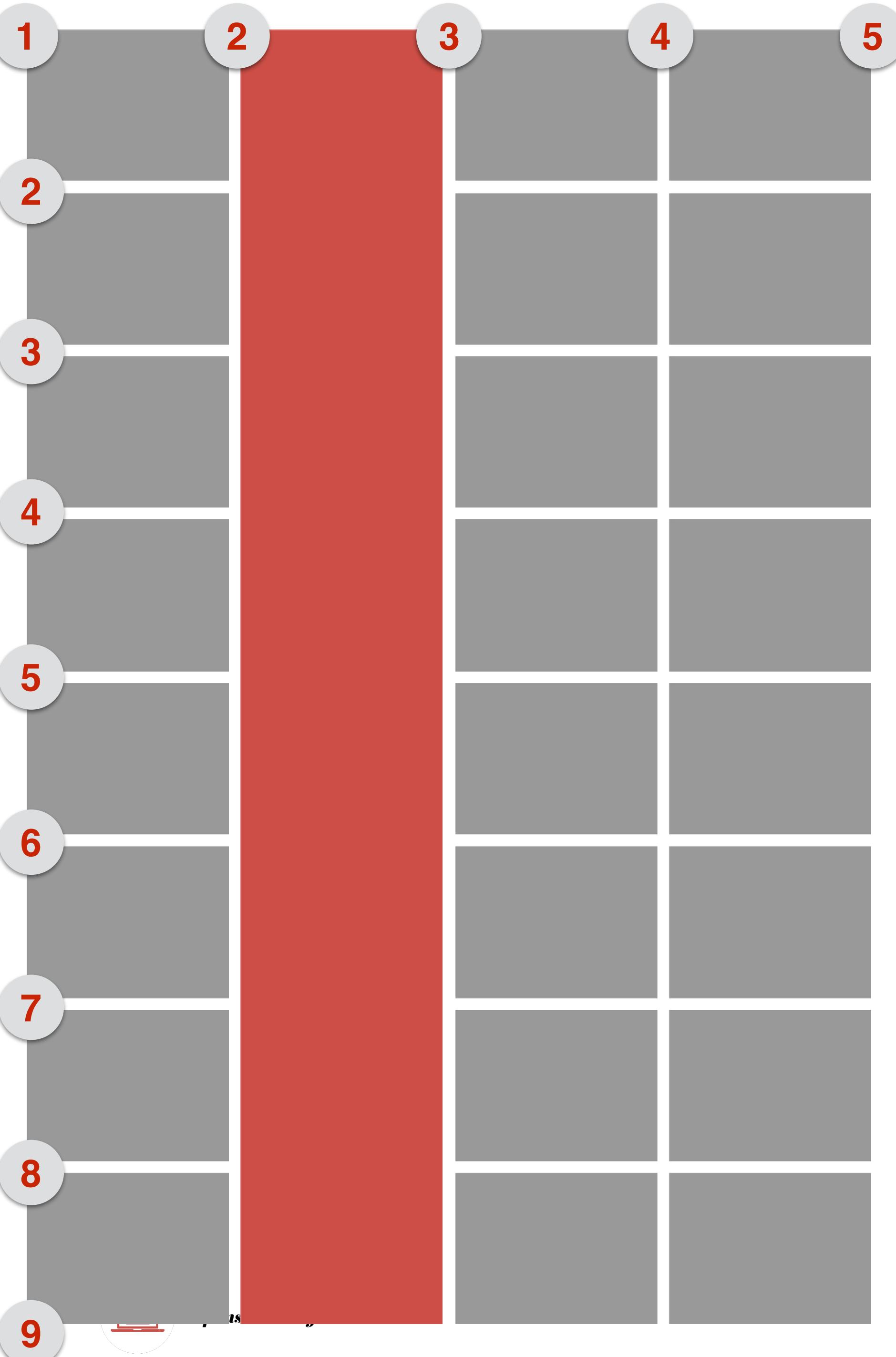
```
<div class="a-grid-cell"></div>
```

```
.a-grid-cell {  
    background-color: red;  
    grid-column: 3 / 4;  
    grid-row: 3 / 4;  
}
```



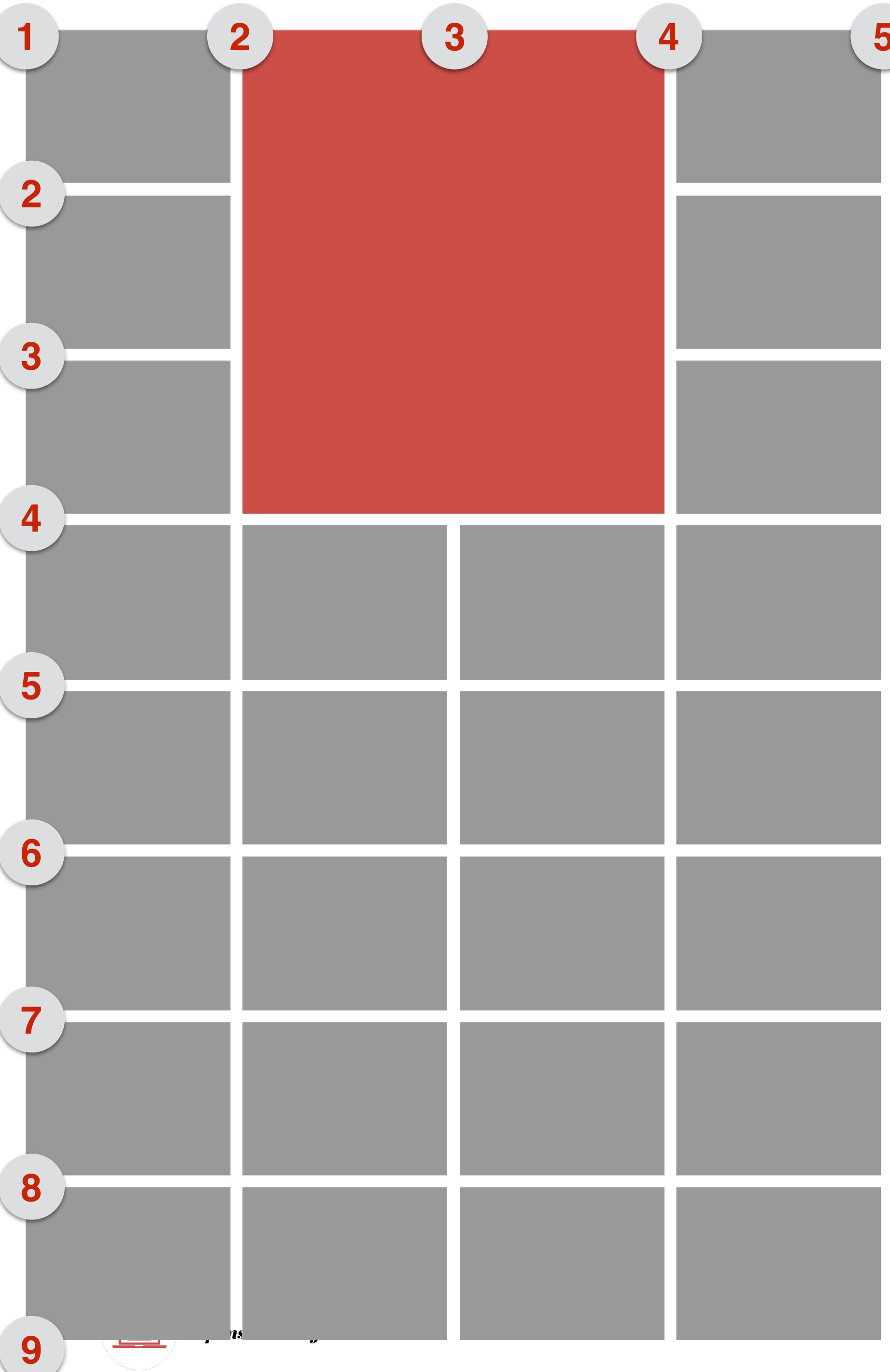
```
<div class="a-grid-row"></div>

.a-grid-row {
    background-color: red;
    grid-column: 1 / 5;
    grid-column: 1 / span 4;
    grid-column: 1 / -1;
    grid-row: 2 / 3;
}
```



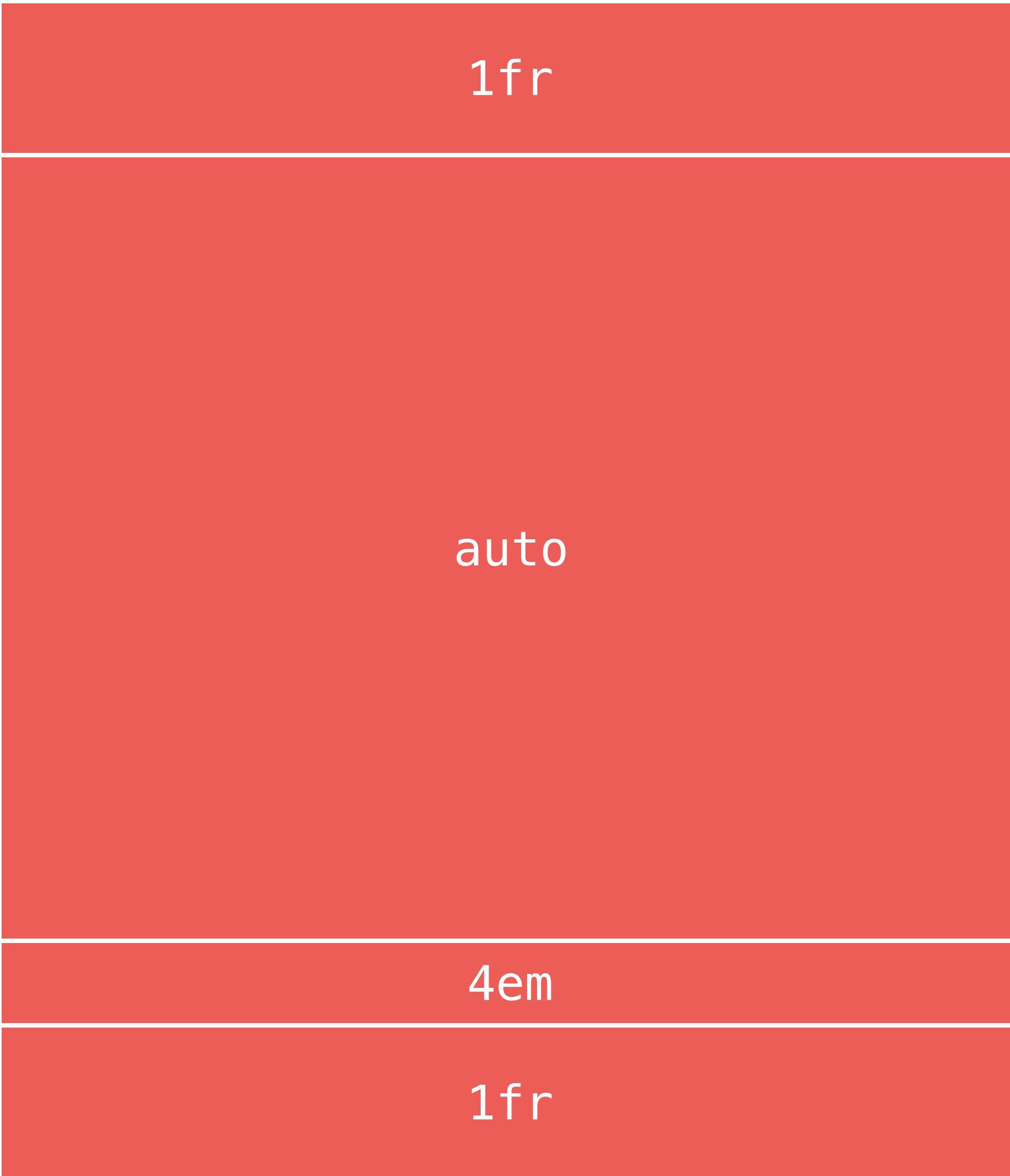
```
<div class="a-grid-col"></div>
```

```
.a-grid-col {  
    background-color: red;  
    grid-column: 2 / 3;  
    grid-row: 1 / 9;  
    grid-row: 1 / span 8;  
    grid-row: 1 / -1;  
}
```



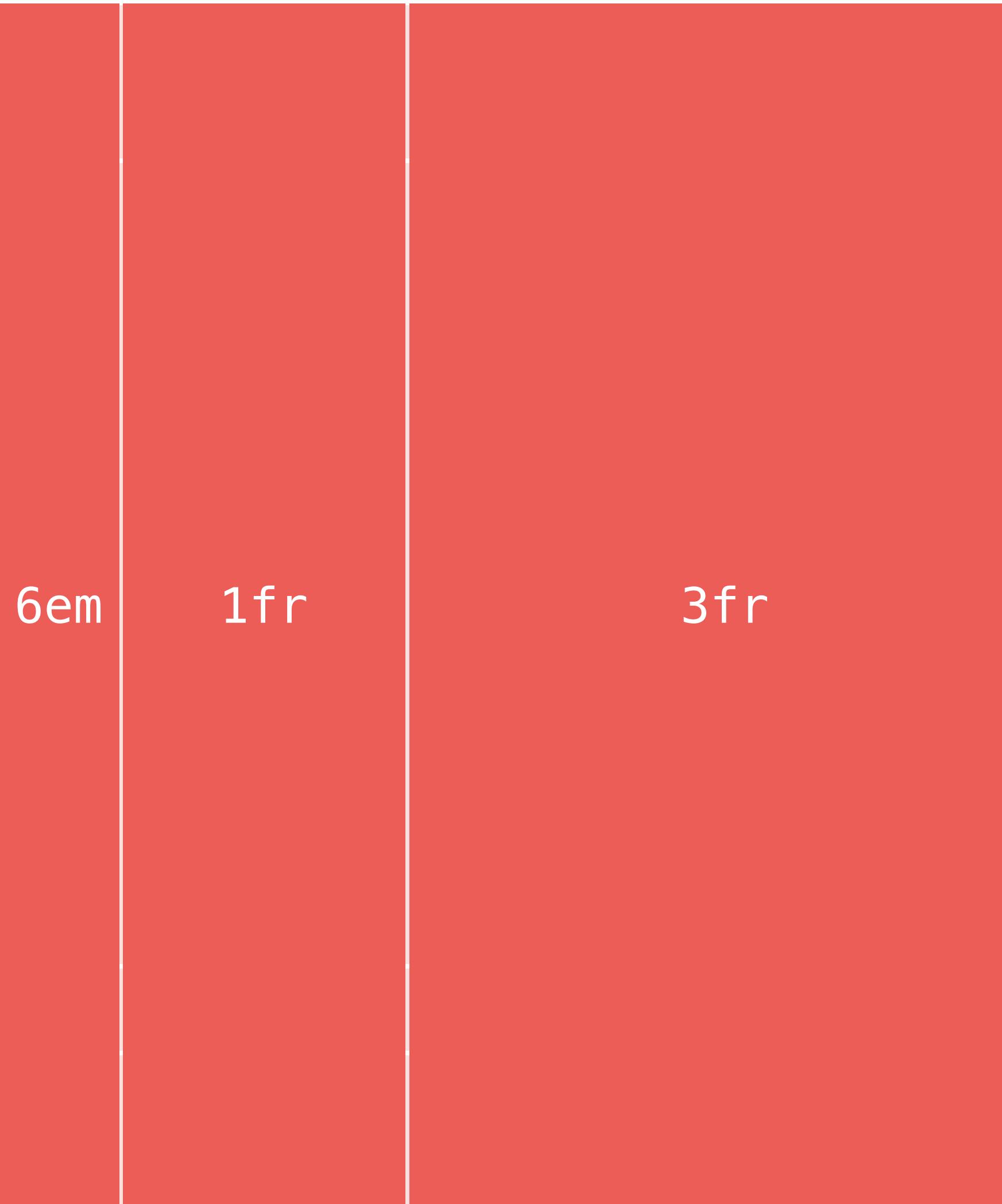
```
<div class="a-grid-area"></div>

.a-grid-area {
    background-color: red;
    grid-column: 2 / 4;
    grid-row: 1 / 4;
}
```



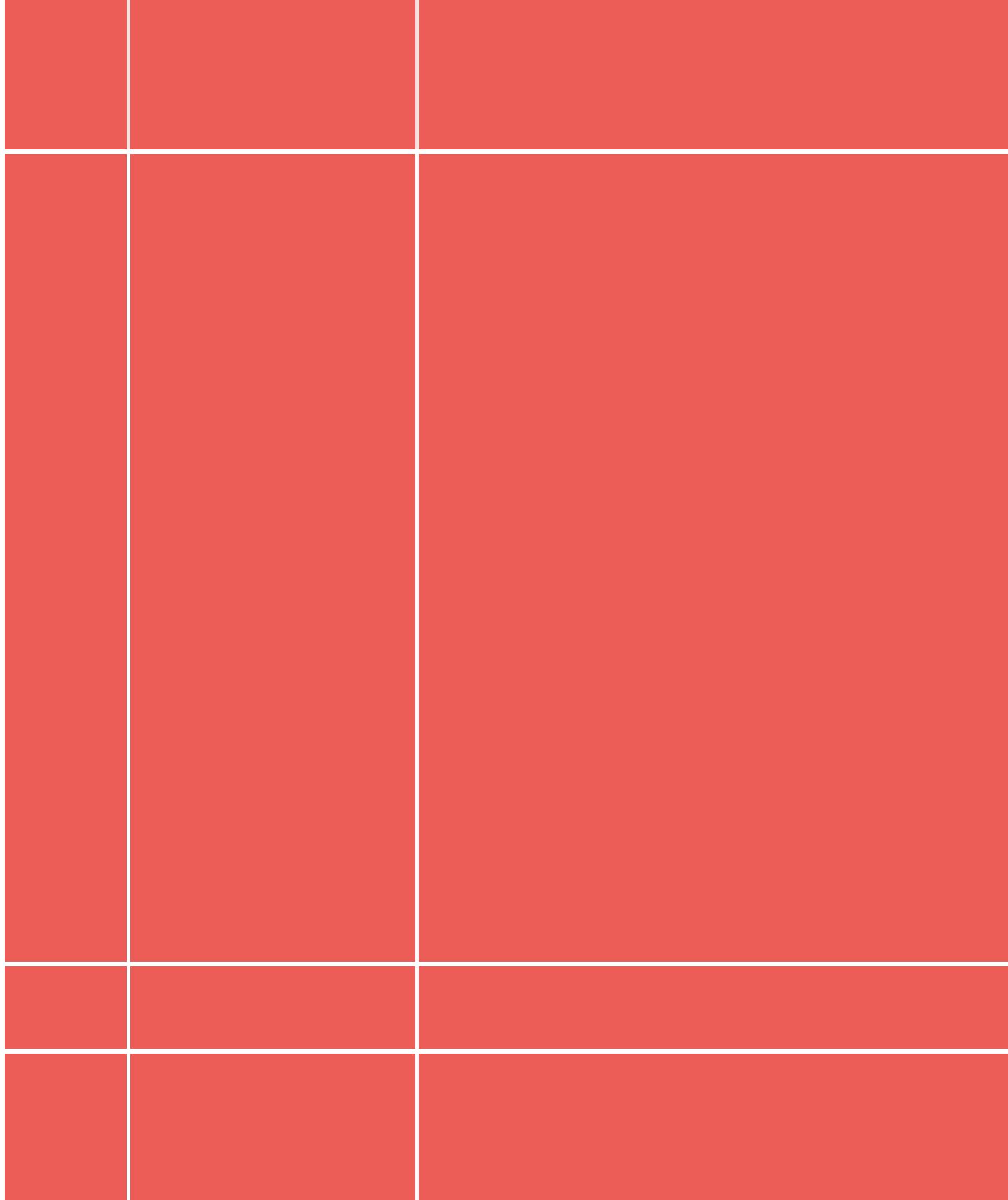
```
.container {  
  display: grid;  
  grid-template-rows: 1fr auto 4em 1fr;  
}
```





```
.container {  
    display: grid;  
    grid-template-rows: 1fr auto 4em 1fr;  
    grid-template-columns: 6em 1fr 3fr;  
}
```





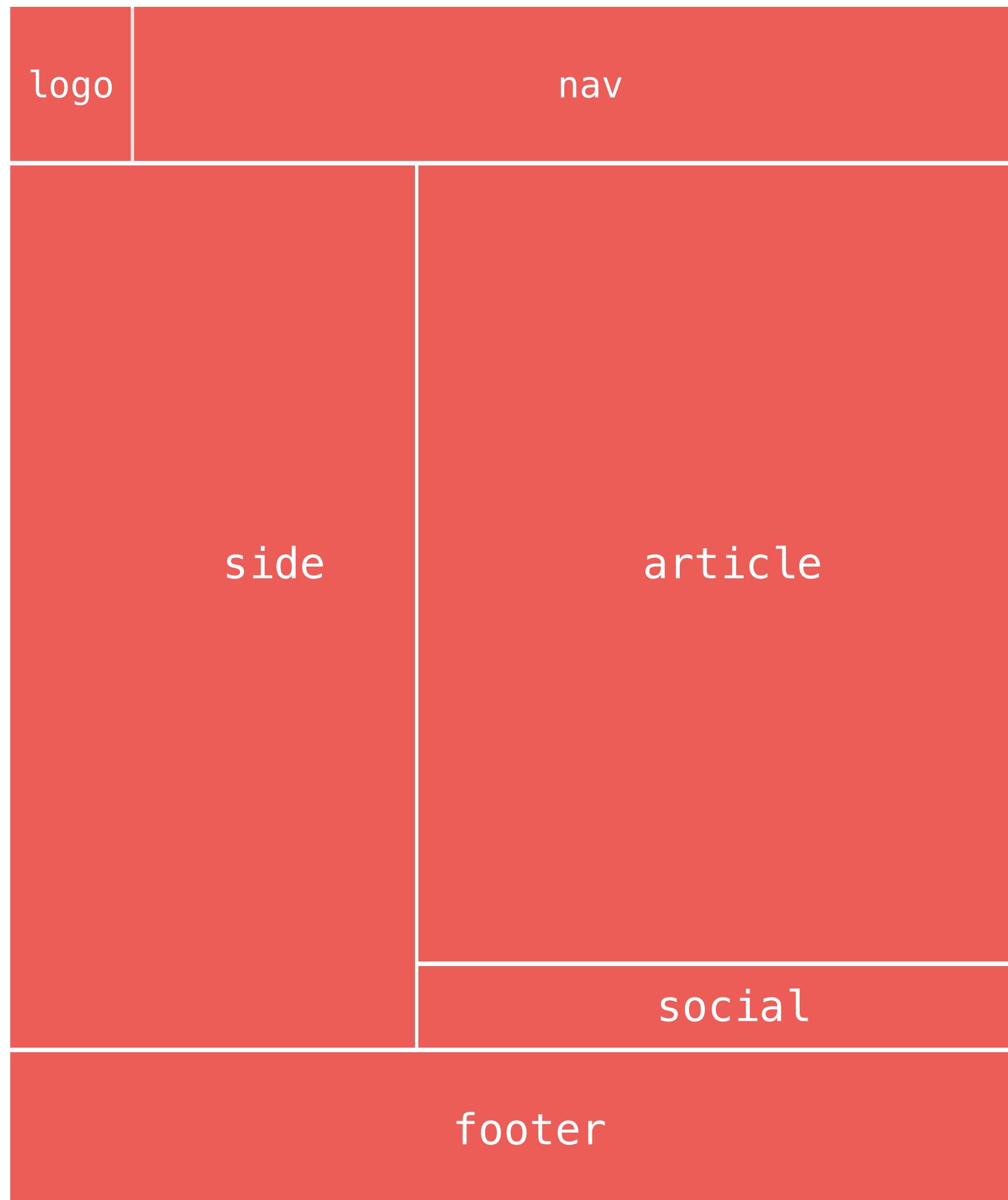
```
.container {  
    display: grid;  
    grid-template-rows: 1fr auto 4em 1fr;  
    grid-template-columns: 6em 1fr 3fr;  
}
```



logo	nav	nav
side	side	article
side	side	social
footer	footer	footer

```
.container {  
    display: grid;  
    grid-template-columns: 6em 1fr 3fr;  
    grid-template-rows: 1fr auto 4em 1fr;  
    grid-template-areas:  
        "logo nav nav"  
        "side side article"  
        "side side social"  
        "footer footer footer"  
}
```





```
.container {  
    display: grid;  
    grid-template-columns: 6em 1fr 3fr;  
    grid-template-rows: 1fr auto 4em 1fr;  
    grid-template-areas:  
        "logo nav nav"  
        "side side article"  
        "side side social"  
        "footer footer footer"  
}
```



logo	nav	nav
side	side	article
side	side	social
footer	footer	footer

```
.logo { grid-area: logo; }

.nav { grid-area: nav; }

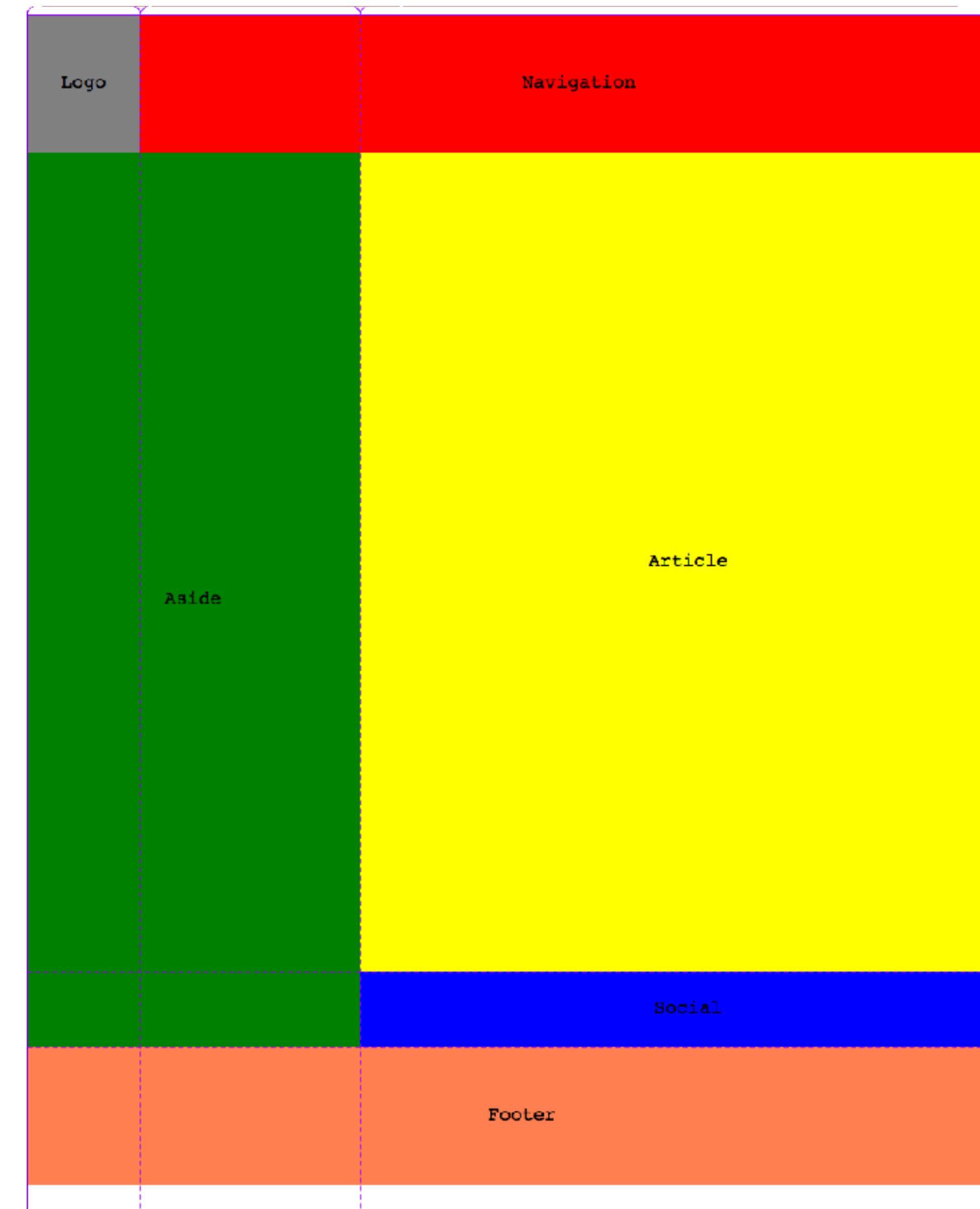
.aside { grid-area: side; }

.article { grid-area: article; }

.social { grid-area: social; }

.footer { grid-area: footer; }
```





```
.logo { grid-area: logo; }

.nav { grid-area: nav; }

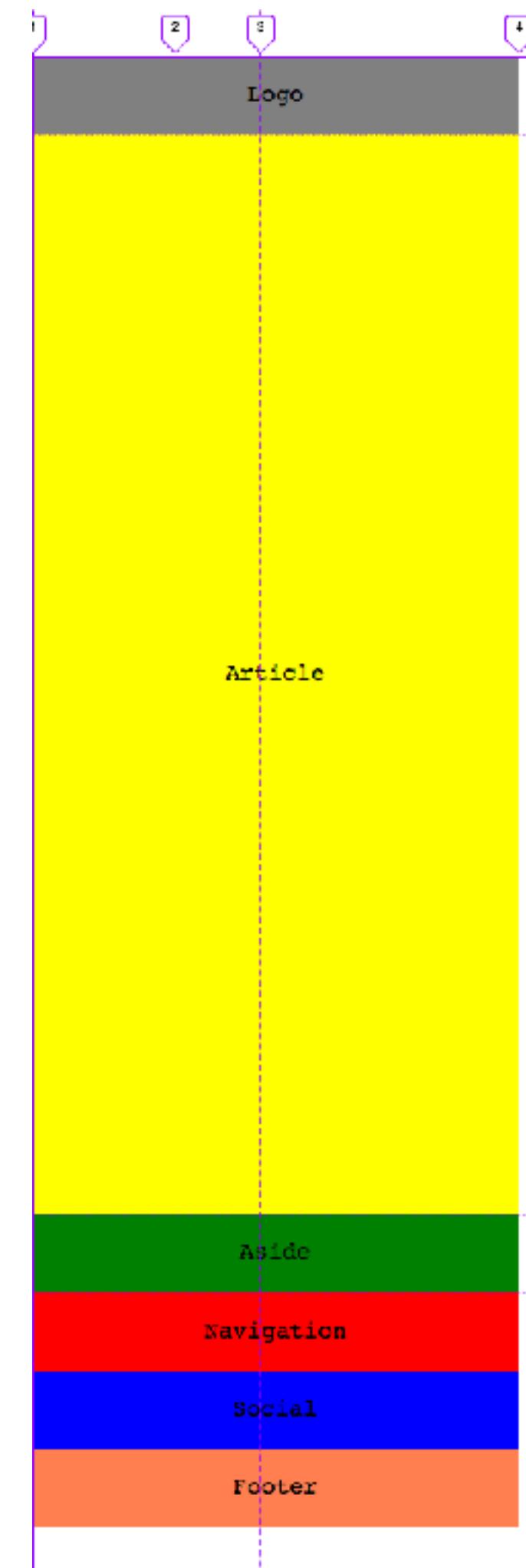
.aside { grid-area: side; }

.article { grid-area: article; }

.social { grid-area: social; }

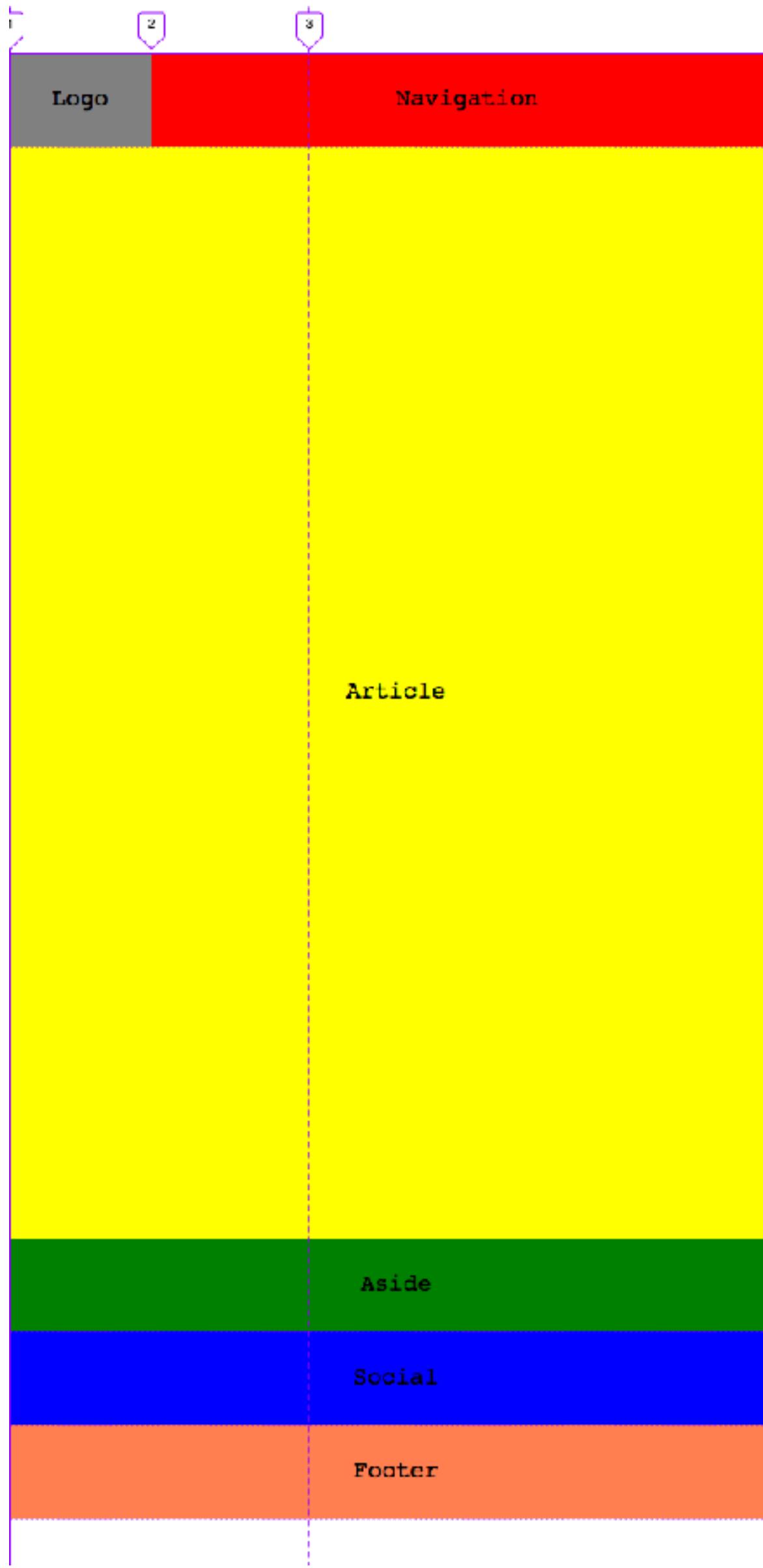
.footer { grid-area: footer; }
```





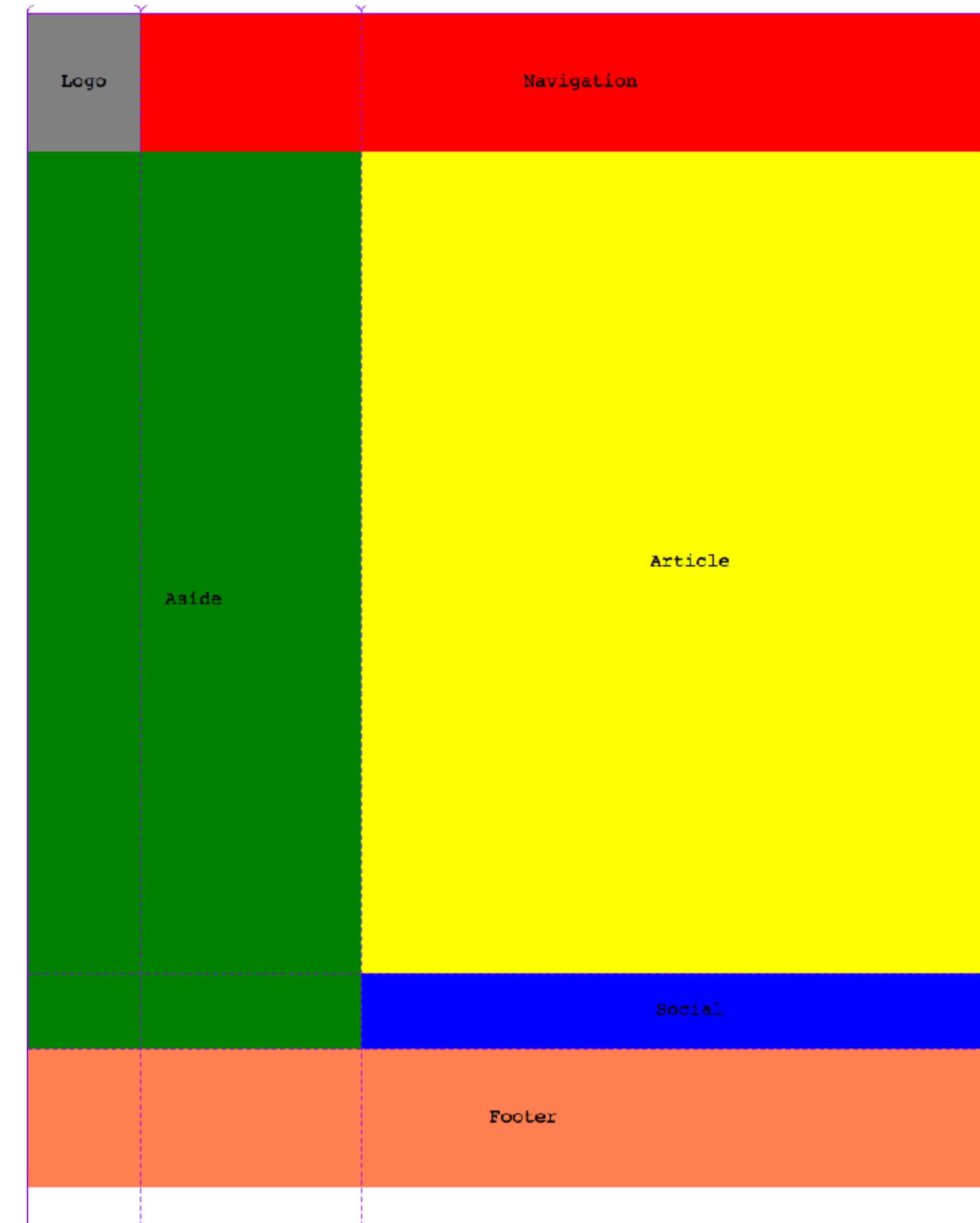
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    display: grid;  
    grid-template-columns: 6em 1fr 3fr;  
    grid-template-rows: auto;  
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        "article article article"  
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        "nav nav nav"  
        "social social social"  
        "footer footer footer";  
}
```



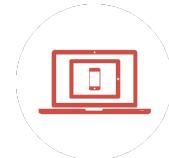


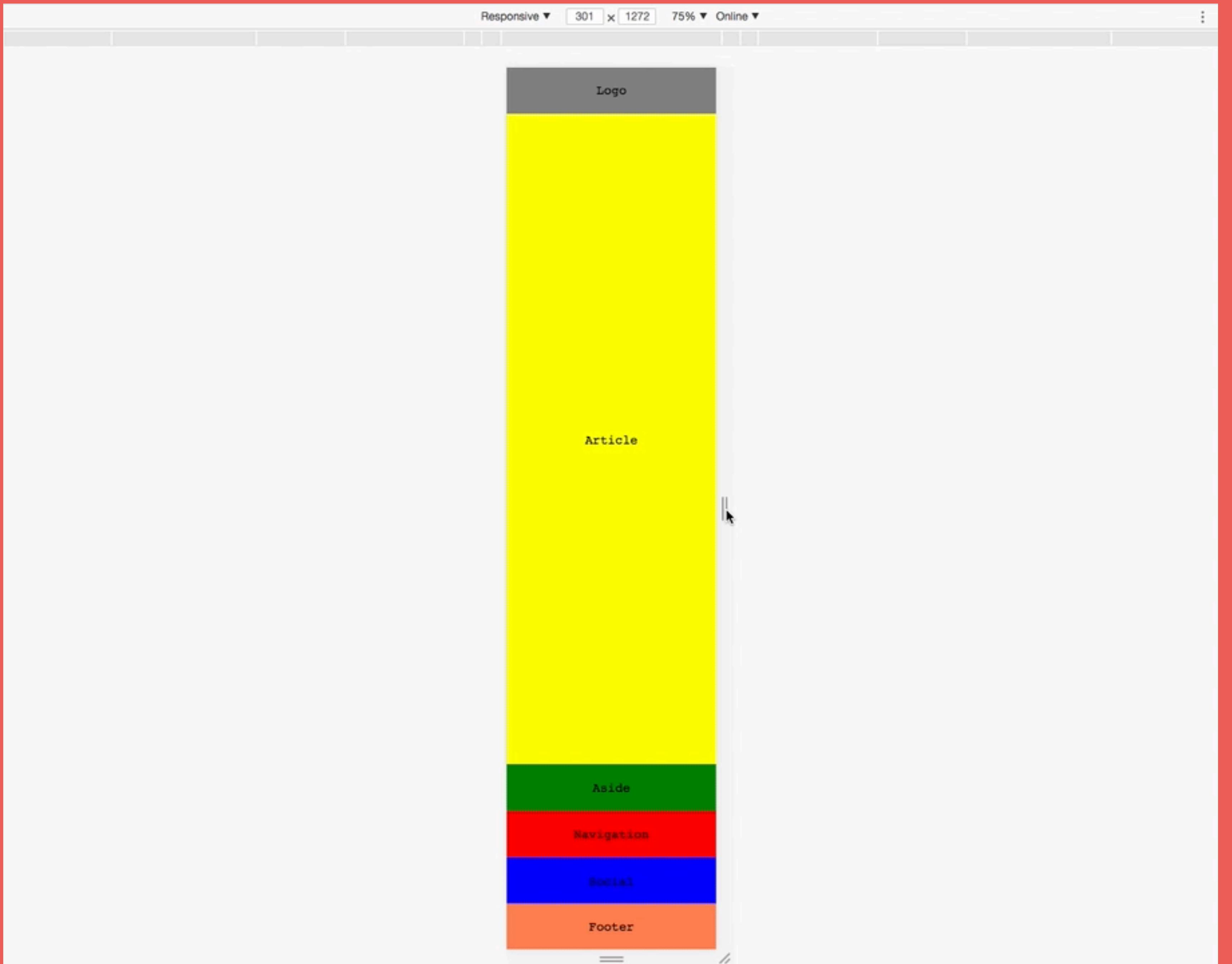
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@media (min-width: 500px) {  
  .container {  
    grid-template-areas:  
      "logo nav nav"  
      "article article article"  
      "side side side"  
      "social social social"  
      "footer footer footer";  
  }  
}
```





```
@media (min-width: 800px) {  
  .container {  
    grid-template-rows: 1fr auto 4em 1fr;  
    grid-template-areas:  
      "logo nav nav"  
      "side side article"  
      "side side social"  
      "footer footer footer";  
  }  
}
```





Josef Müller-Brockmann

Grid systems

in graphic design

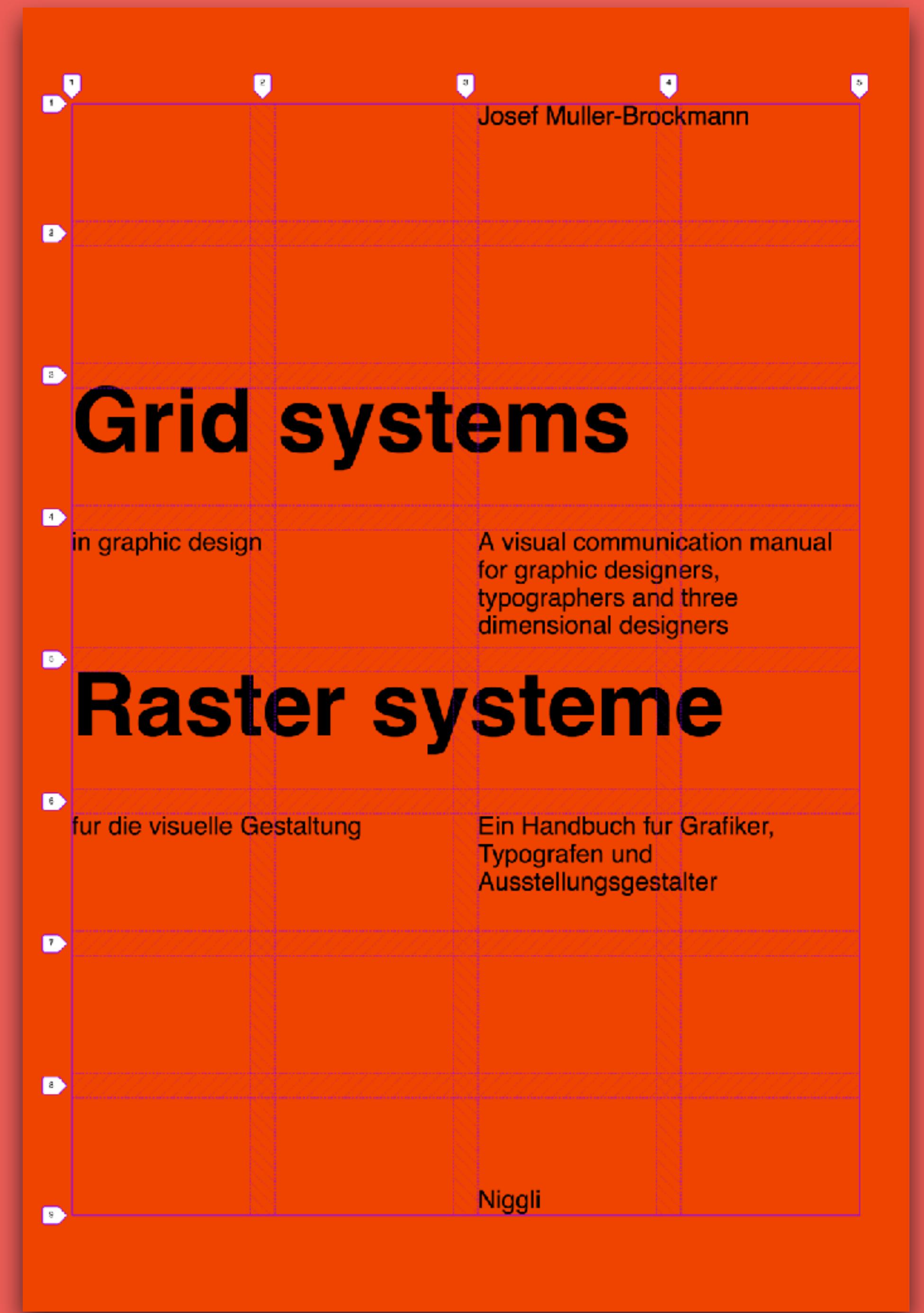
A visual communication manual
for graphic designers,
typographers and three
dimensional designers

Raster systeme

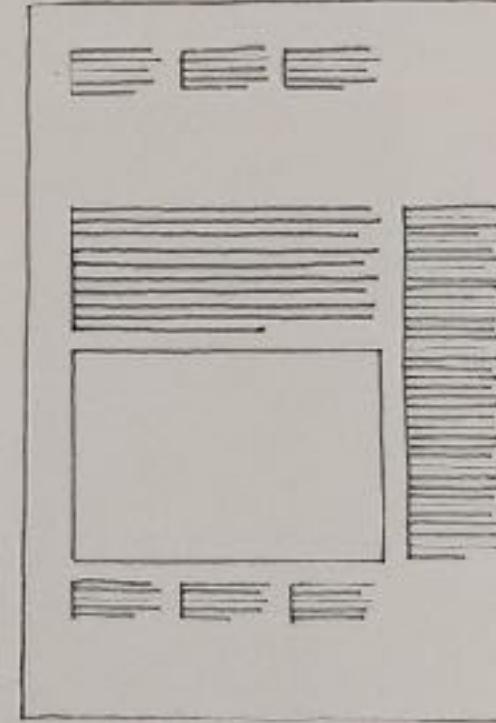
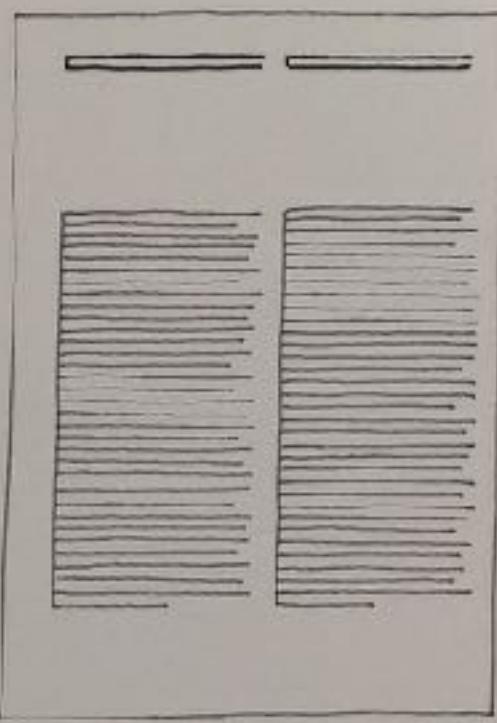
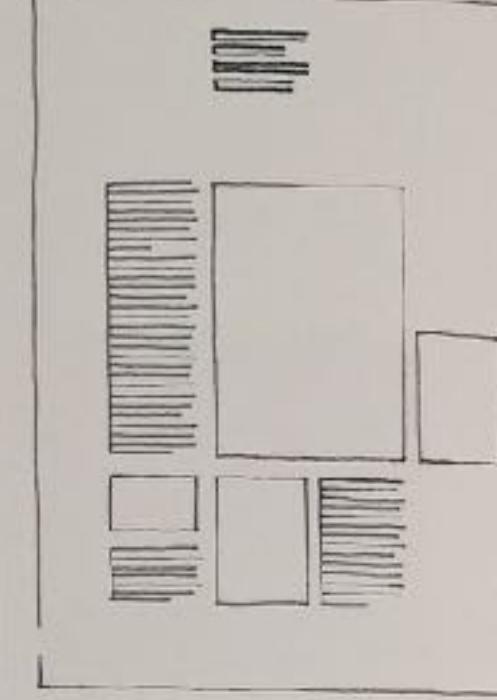
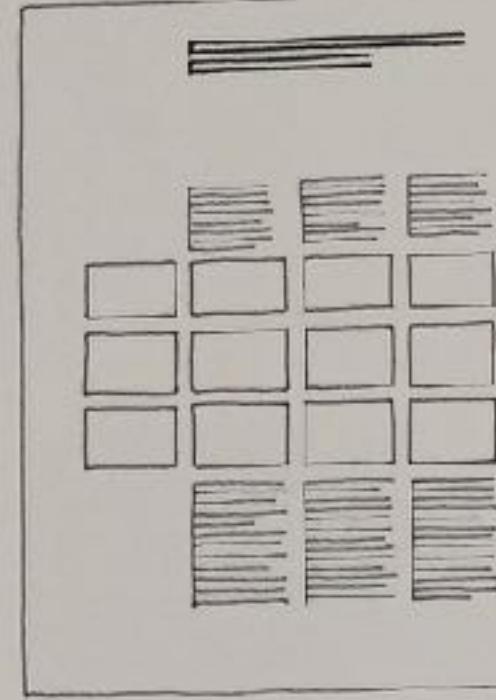
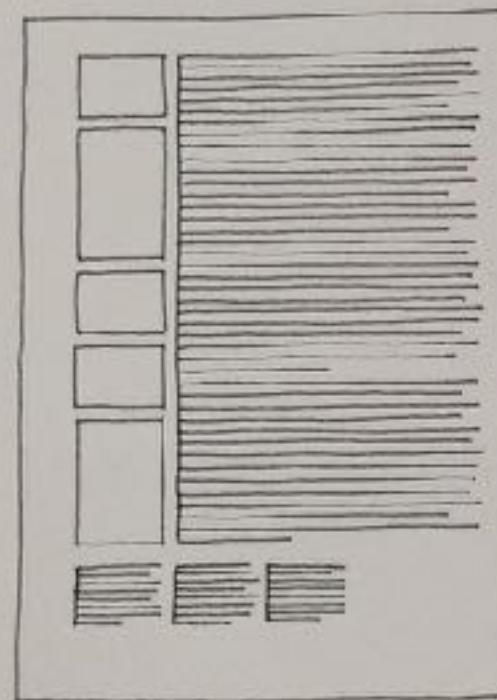
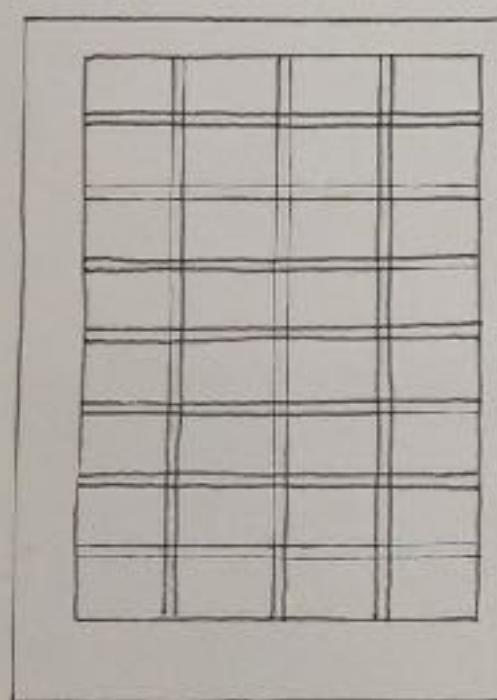
für die visuelle Gestaltung

Ein Handbuch für Grafiker,
Typografen und
Ausstellungsgestalter

Niggli



Sketches for a grid with 32 fields



In sketching a grid, care must be taken to ensure that the sketch corresponds as closely as possible to the proportions of the final printed format. Particulars regarding the text columns and lines should be as precise as they can be. A good sketch can look like a scaled-down reproduction in print. This implies that the sketched lines representing lines of print and the outlines of the picture formats should be approximately proportional to the final printed work. Such a sketch should enable some idea to be formed of the quantity of text, the size of the type, the length of the

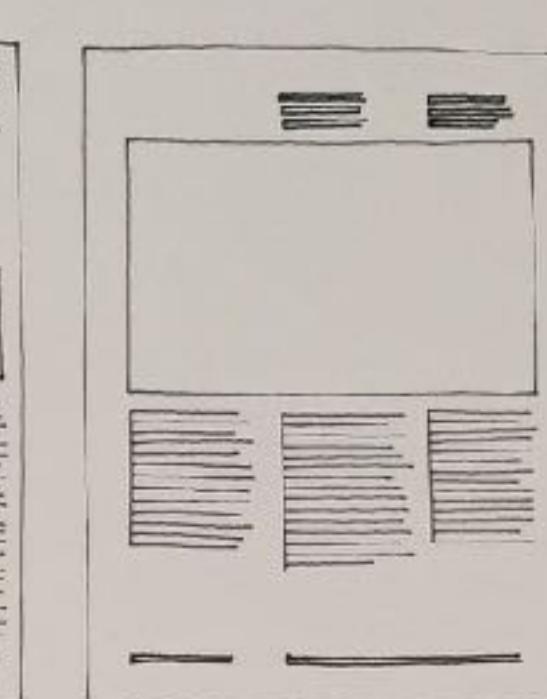
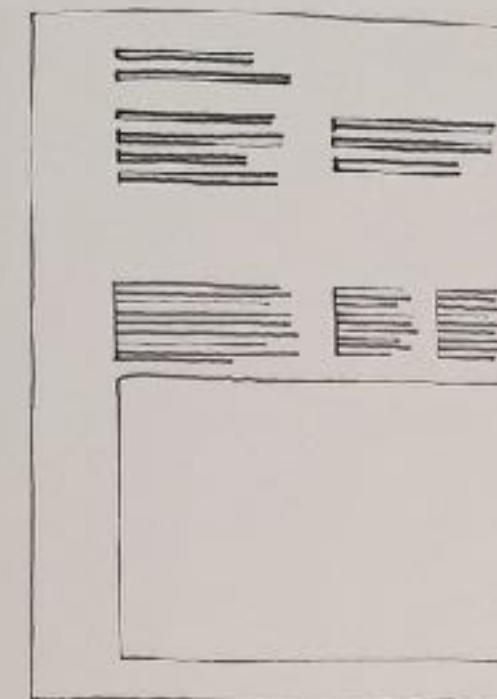
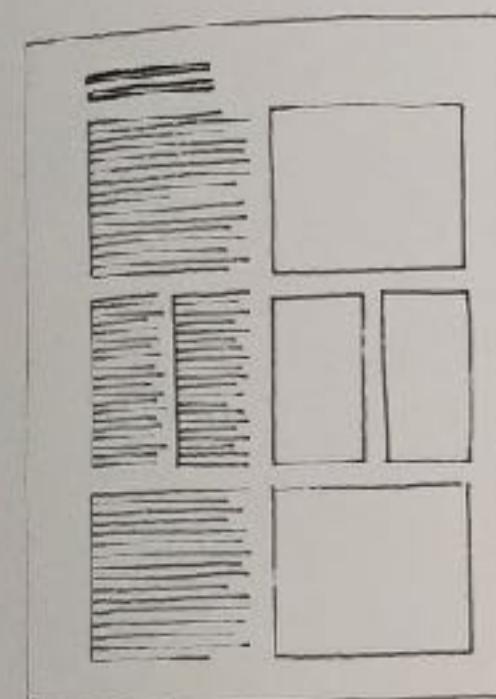
lines and how much of the area is type matter and how much picture. The designer can easily succumb to the temptation to indicate the type with excessively heavy and imprecise strokes of the pencil which give no information of the size of the letters and the width of the text columns. It needs concentration and sensitivity, and also a certain amount of practice, before the sketch begins to look like a precise original from which the printer can work. The sketches shown are 5.6 cm high in the original, i.e. only a few mm larger than the print.

Beim Skizzieren eines Rasters muss darauf geachtet werden, dass die Skizze möglichst genau der Proportion des endgültigen Druckformats entspricht. Die Angaben für die Textspalten und Textzeilen sollen so genau wie möglich sein. Eine gute Skizze kann wie eine verkleinerte Druckwiedergabe wirken. Das bedeutet, dass die skizzierten Linien für die Zeilen und die Umrisse für die Bildformate in der angenäherten Proportion zur definitiven Drucksache stehen sollen. Eine solche Skizze vermag bereits die Vorstellung der Menge Text, der Größe der Schrift, der Länge der Zeilen und vom Größenverhältnis von Schrift zu Bildfeld zu geben. Der Gestalter ist leicht versucht, die Schrift mit zu schweren und flüchtigen Strichen anzudeuten, die keinen Eindruck der Größe der Buchstaben und der Breite der Textspalten zulassen. Es braucht Konzentration und Sensibilität, aber auch eine gewisse Übung dazu, bis die Skizze den Eindruck der präzisen Druckvorlage liefert.

Die abgebildeten Skizzen sind im Original 8,5 cm hoch, d.h. um einige Millimeter größer, als sie hier im Druck erscheinen, gezeichnet.

Skizzen für einen Raster mit 32 Feldern

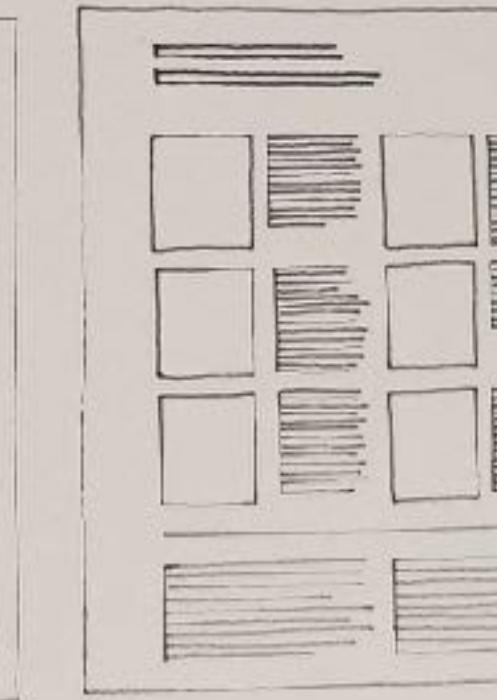
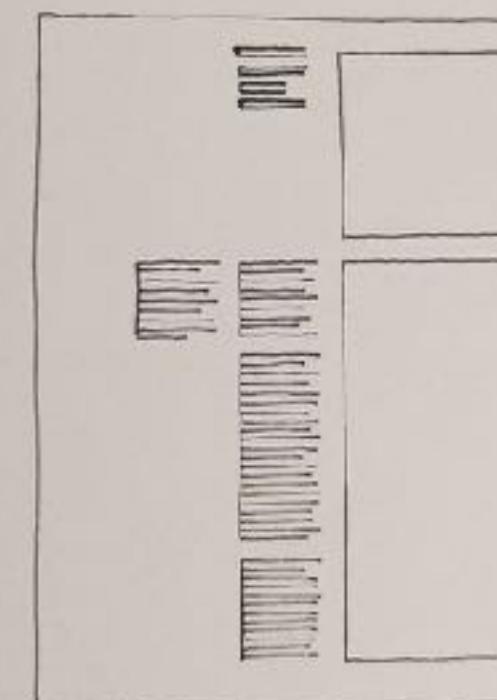
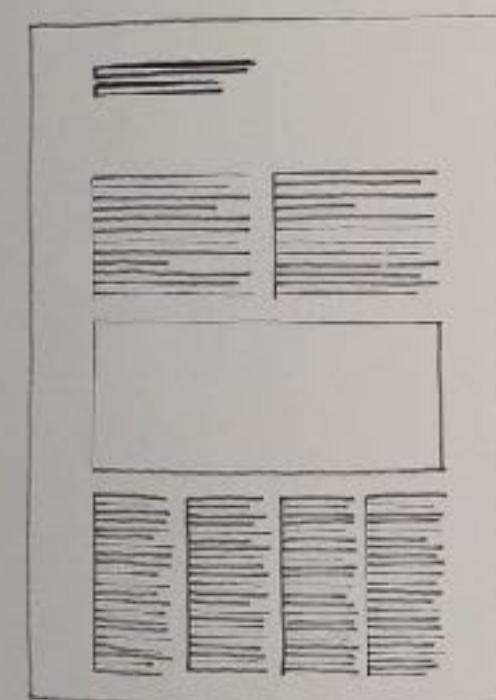
Sketches for a grid with 32 fields



94

95

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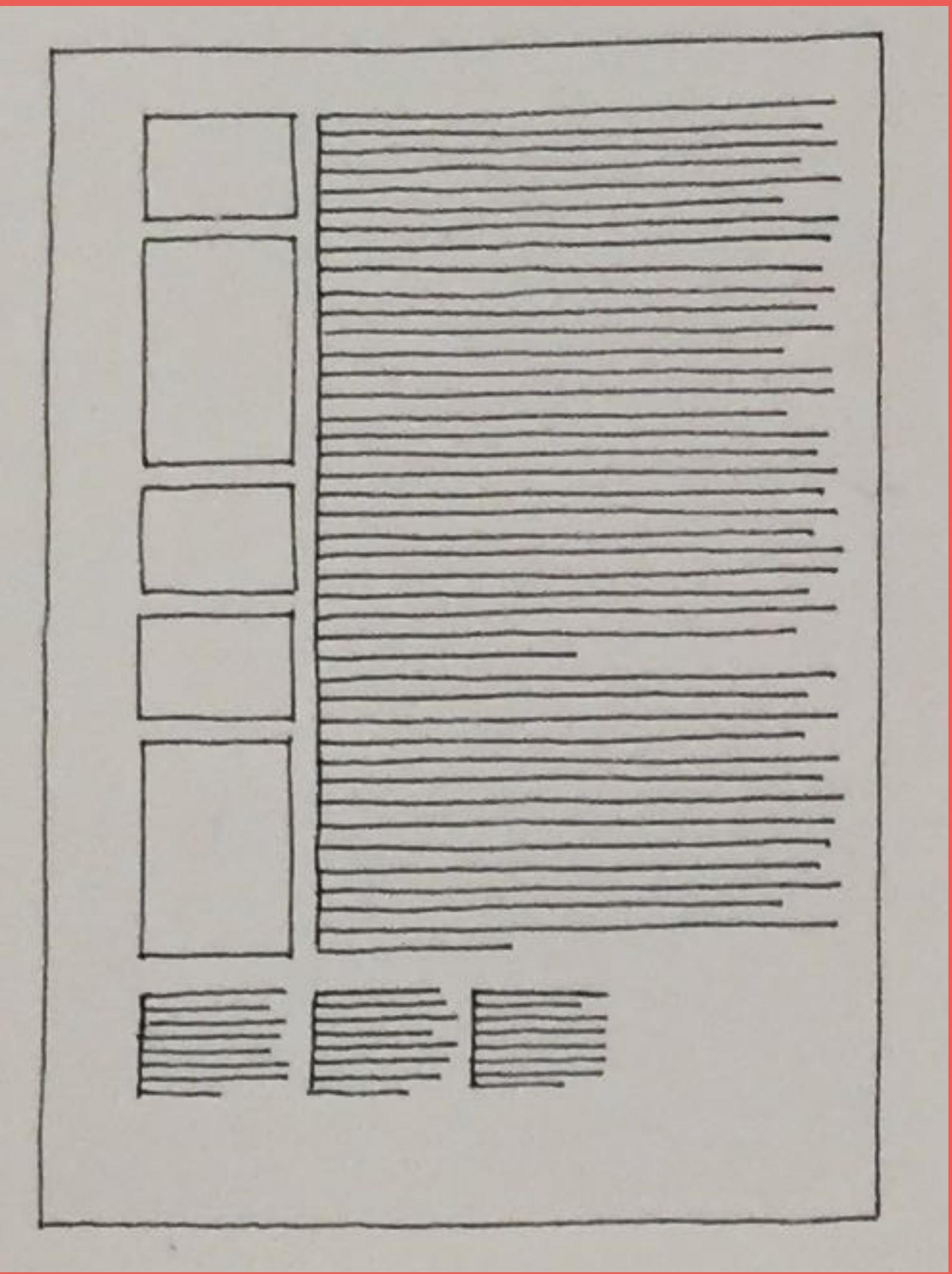


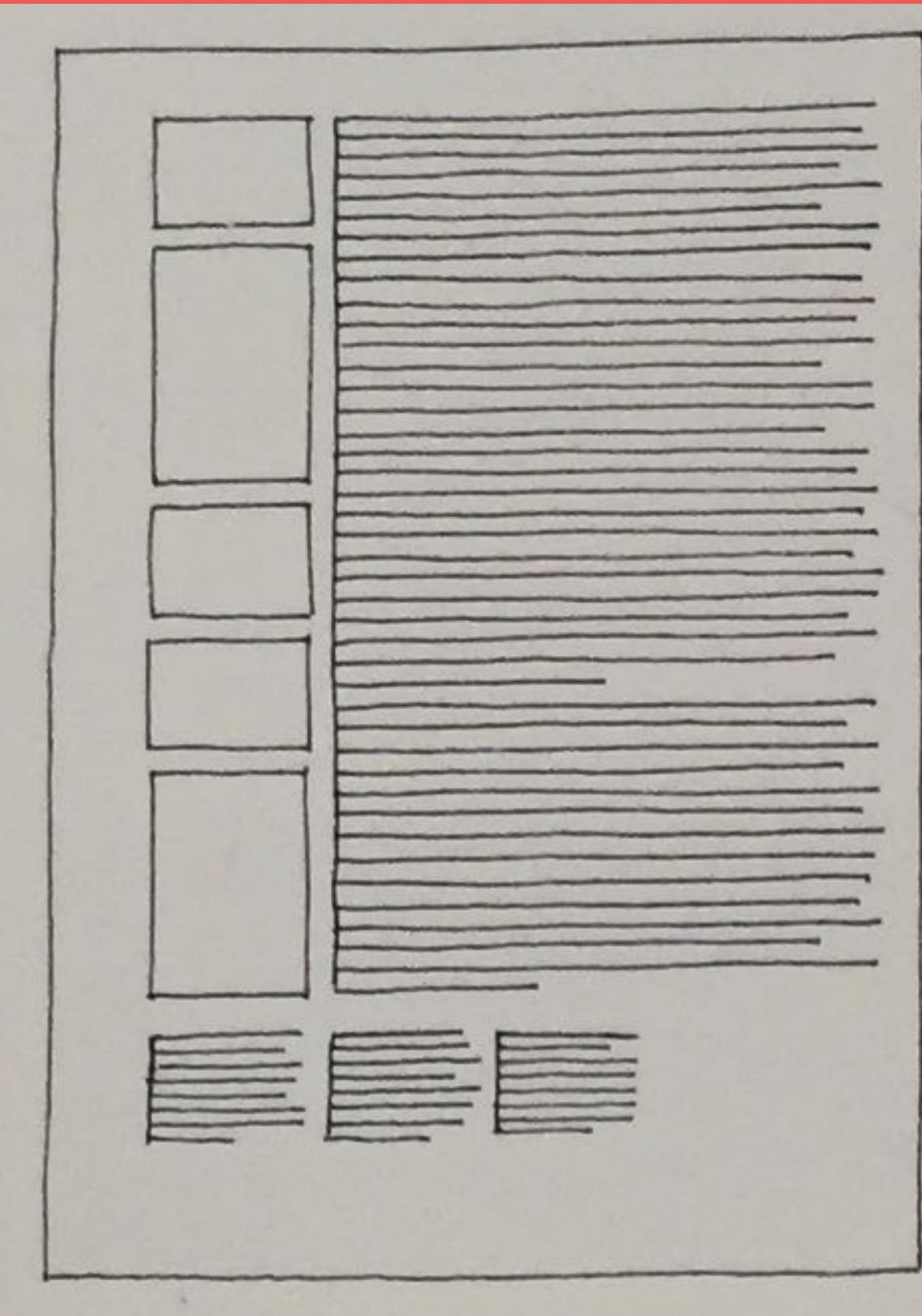
The sketches show only a few of the many possibilities of designing with a 32-field grid. Their purpose is to indicate how the sketches should be drawn so as to enable a picture to be formed of the final result. The more inaccurate the sketch, the more difficult it is to imagine what the finished printed work will look like. The more accurate the sketch, the easier it will be for the designer to test the idea behind it for suitability. There are designers who can produce, even for posters, the sketchiest sketches which nevertheless intimate quite clearly what the result will look like in print.

Sketches of this kind can be readily enlarged to the original size and the necessary finishing touches put to them only at this stage. A designer with no previous experience of the grid should study these pages closely and experiment for himself until he begins to grasp how the system works. Only then will he be able to benefit from thinking in terms of the grid and mathematics.

Skizzen für einen Raster mit 32 Feldern

Die Skizzen zeigen nur einige wenige Möglichkeiten der Rastergestaltung mit 32 Feldern. Sie haben hier die Aufgabe zu erfüllen, wie beim Skizzieren vorgegangen werden sollte, damit es möglich wird, aus der Skizze auf das Resultat schließen zu können. Je ungenauer eine Skizze angefertigt wird, desto weniger vermag sie eine Vorstellung davon zu geben, wie die Drucksache schlussendlich aussehen könnte. Je präziser die Skizze ist, desto leichter wird es dem Gestalter möglich, die dahinter liegende Idee auf ihre Verwendbarkeit zu prüfen. Es gibt Designer, die es verstehen,





We live in a strange and wonderful universe. Its age, size, violence, and beauty require extraordinary imagination to appreciate. The place we humans hold within this vast cosmos can seem pretty insignificant. And so we try to make sense of it all and to see how we fit in. Some decades ago, a well-known scientist (some say it was Bertrand Russell) gave a public lecture on astronomy. He described how the earth orbits around the sun and how the sun, in turn, orbits around the centre of a vast collection of stars called our galaxy. At the end of the lecture, a little old lady at the back of the room got up and said: "What you have told us is rubbish. The world is really a flat plate supported on the back of a giant turtle." The scientist gave a superior smile before replying, "What is the turtle standing on?" "You're very clever, young man, very clever," said the old lady. "But it's turtles all the way down!"

Most people nowadays would find the picture of our universe as an infinite tower of turtles rather ridiculous. But why should we think we know better? Forget for a minute what you know—or think you know—about space. Then gaze upward at the night sky. What would you make of all those points of light? Are they tiny fires? It can be hard to imagine what they really are, for what they really are is far beyond our ordinary experience. If you are a regular stargazer, you have probably seen an elusive light hovering near the horizon at twilight. It is a planet, Mercury, but it is nothing like our own planet. A day on Mercury lasts for two-thirds of the planet's year. Its surface reaches temperatures of over 400 degrees Celsius when the sun is out, then falls to almost —200 degrees Celsius in the dead of night. Yet as different as Mercury is from our own planet, it is not nearly as hard to imagine as a typical star, which is a huge furnace that burns billions of pounds of matter each second and reaches temperatures of tens of millions of degrees at its core.

Another thing that is hard to imagine is how far away the planets and stars really are. The ancient Chinese built stone towers so they could have a closer look at the stars. It's natural to think the stars and planets are much closer than they really are—after all, in everyday life we have no experience of the huge distances of space. Those distances are so large that it doesn't even make sense to measure them in feet or miles, the way we measure most lengths. Instead we use the **light-year**, which is the distance light travels in a year. In one second, a beam of light will travel 186,000 miles, so a lightyear is a very long distance. The nearest star, other than our sun, is called Proxima Centauri (also known as Alpha Centauri C), which is about four light-years away. That is so far that even with the fastest spaceship on the drawing boards today, a trip to it would take about ten thousand years.

Ancient people tried hard to understand the universe, but they hadn't yet developed our mathematics and science. Today we have powerful tools: mental tools such as mathematics and the scientific method, and technological tools like computers and telescopes. With the help of these tools, scientists have pieced together a lot of knowledge about space. But what do we really know about the universe, and how do we know it? Where did the universe come from? Where is it going? Did the universe have a beginning, and if so, what happened before then? What is the nature of time? Will it ever come to an end?

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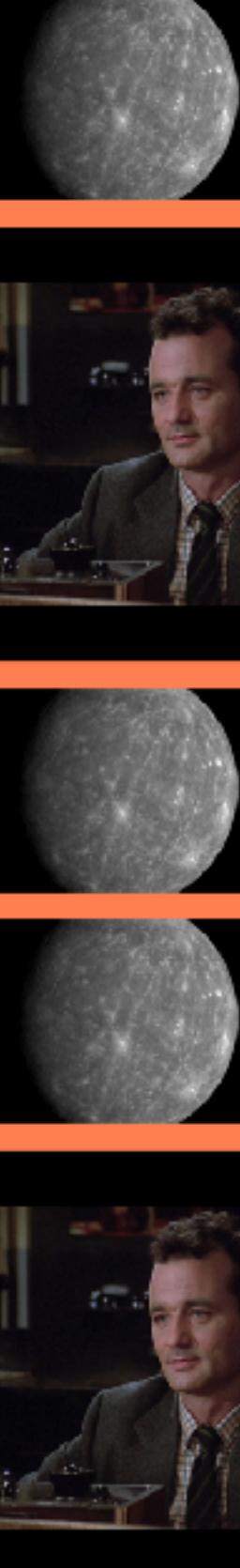
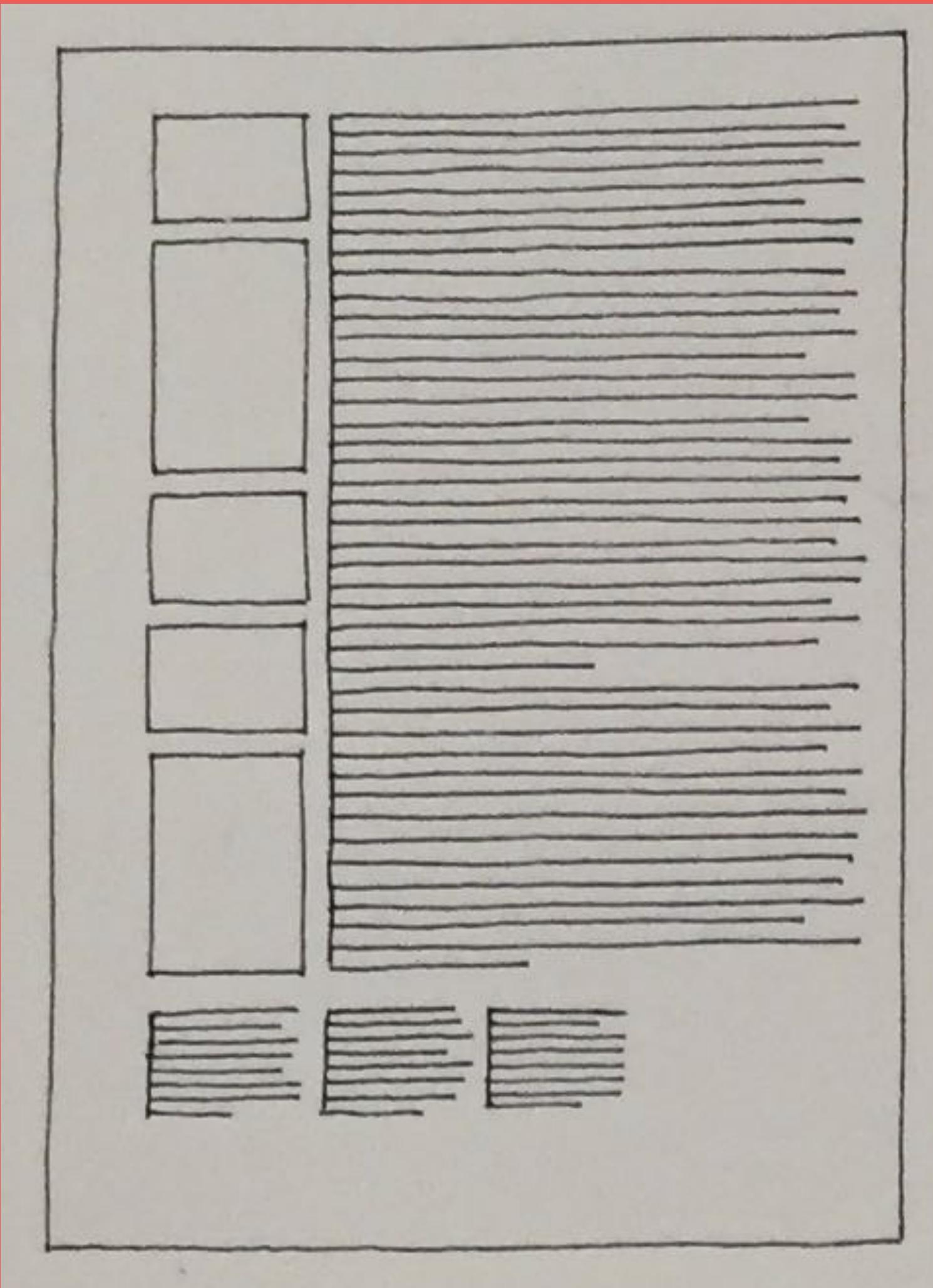
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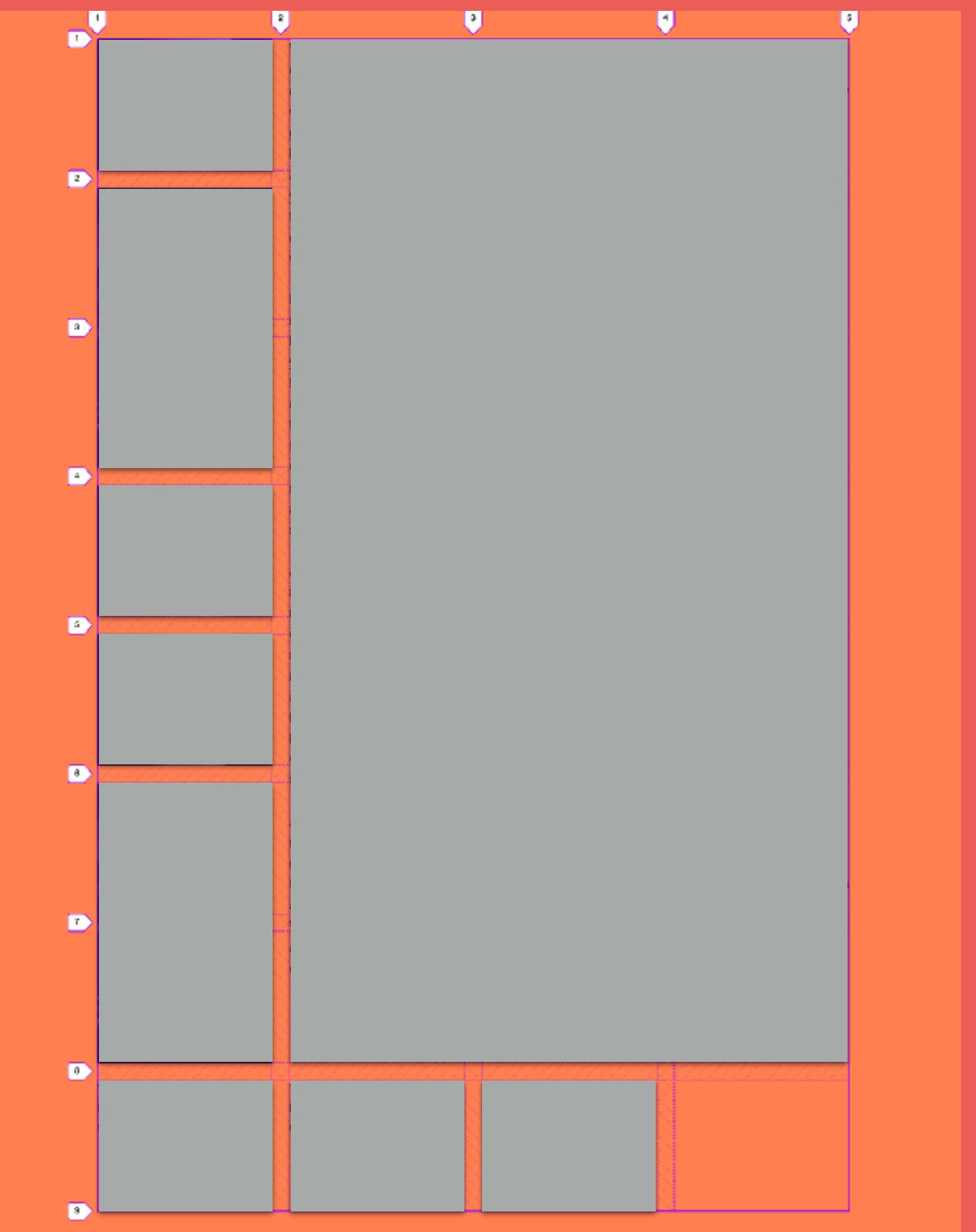
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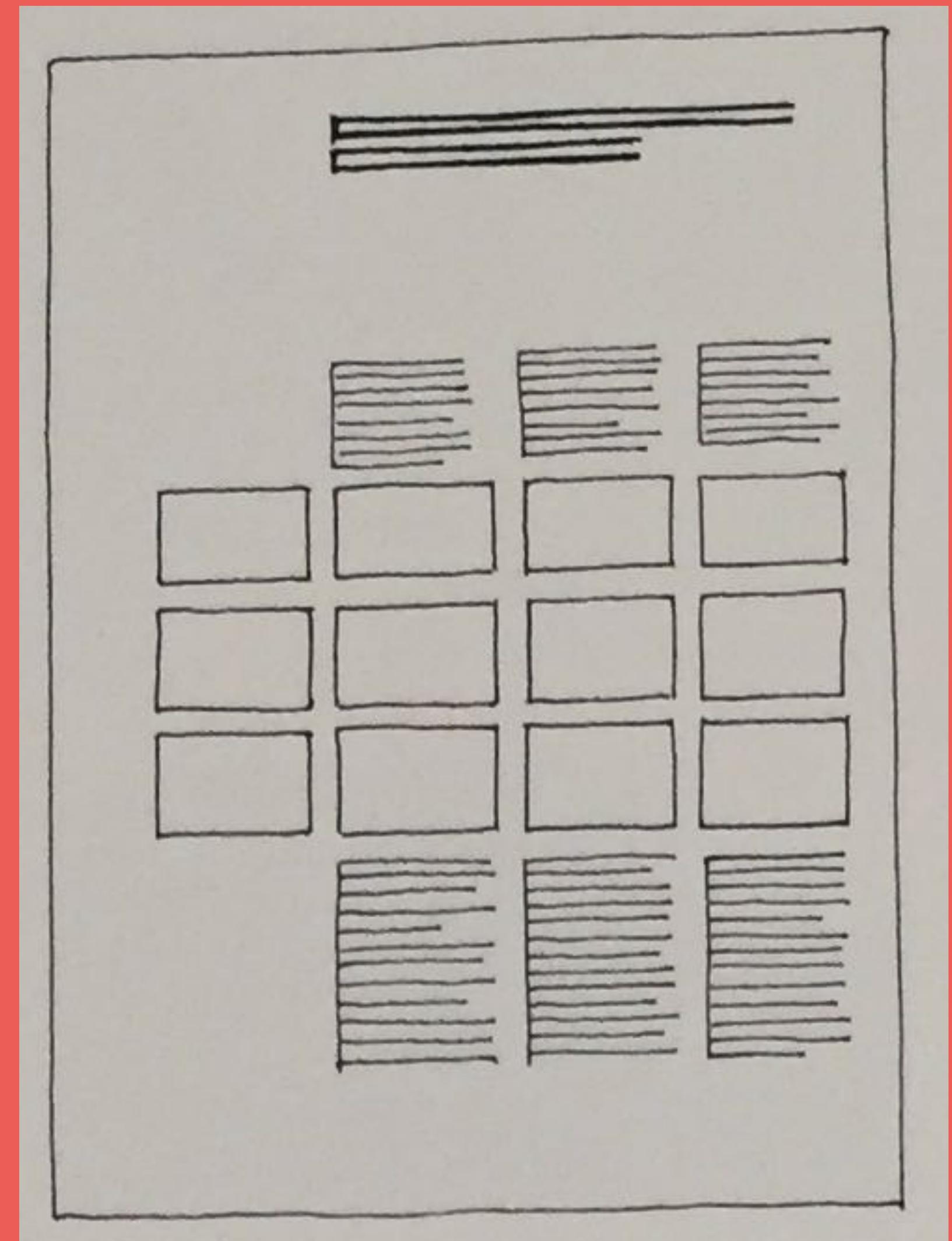
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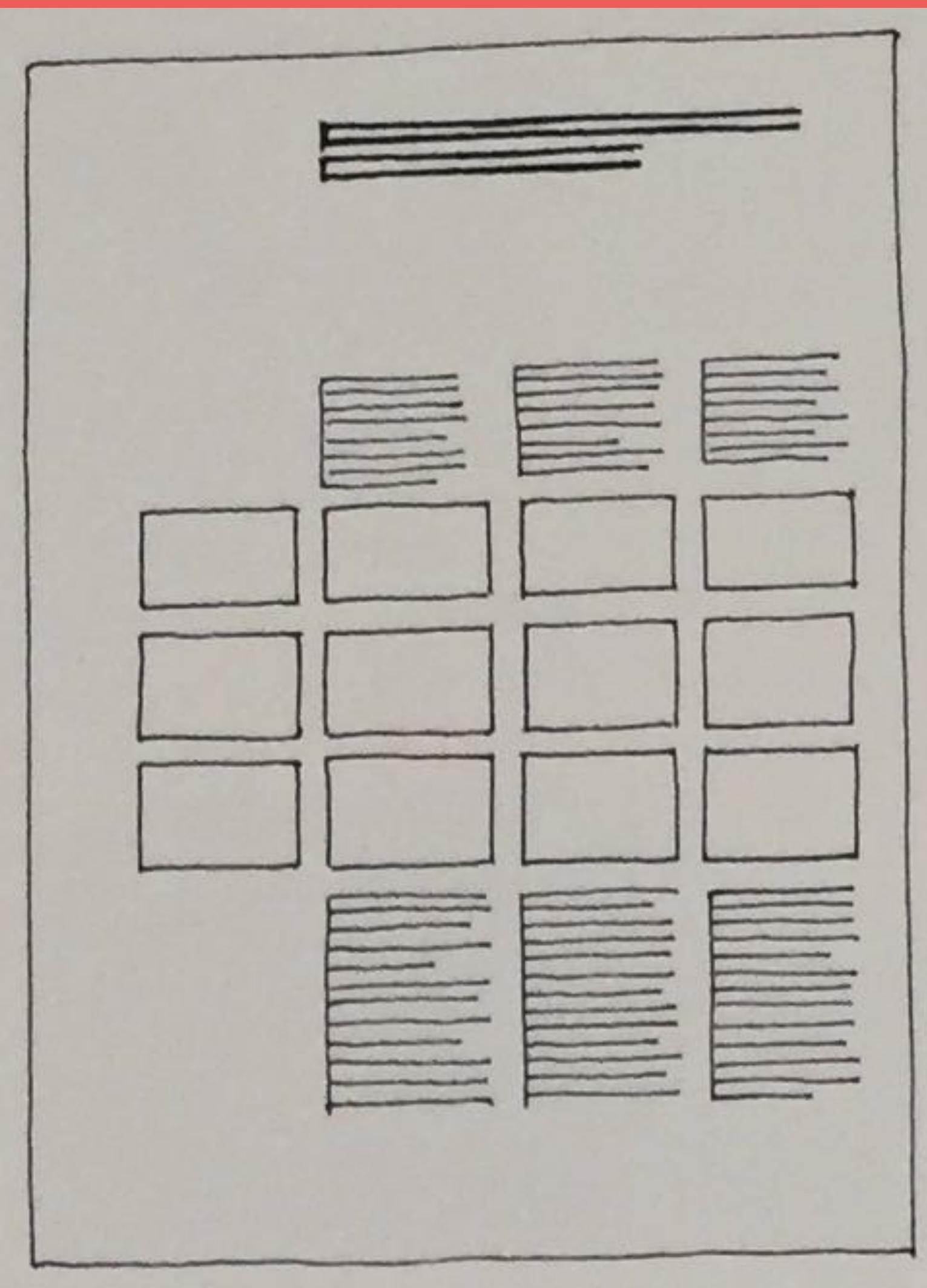
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Space. The Final Frontier. These are the voyagers of the starship enterprise.

Paragraphs are wonderful things. Paragraphs are wonderful things. Paragraphs are wonderful things.. they can be short and sharp or they can contain much than a designer would like.

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We're honored and a bit humbled to have such breadth of talented designers and artists speaking at Adobe MAX. One of the best places to learn more about these creatives and their work is Adobe Create Magazine which has profiled a number of these speakers in the past few years. Take a deeper dive into the artists' work and approaches in these profiles from Create:

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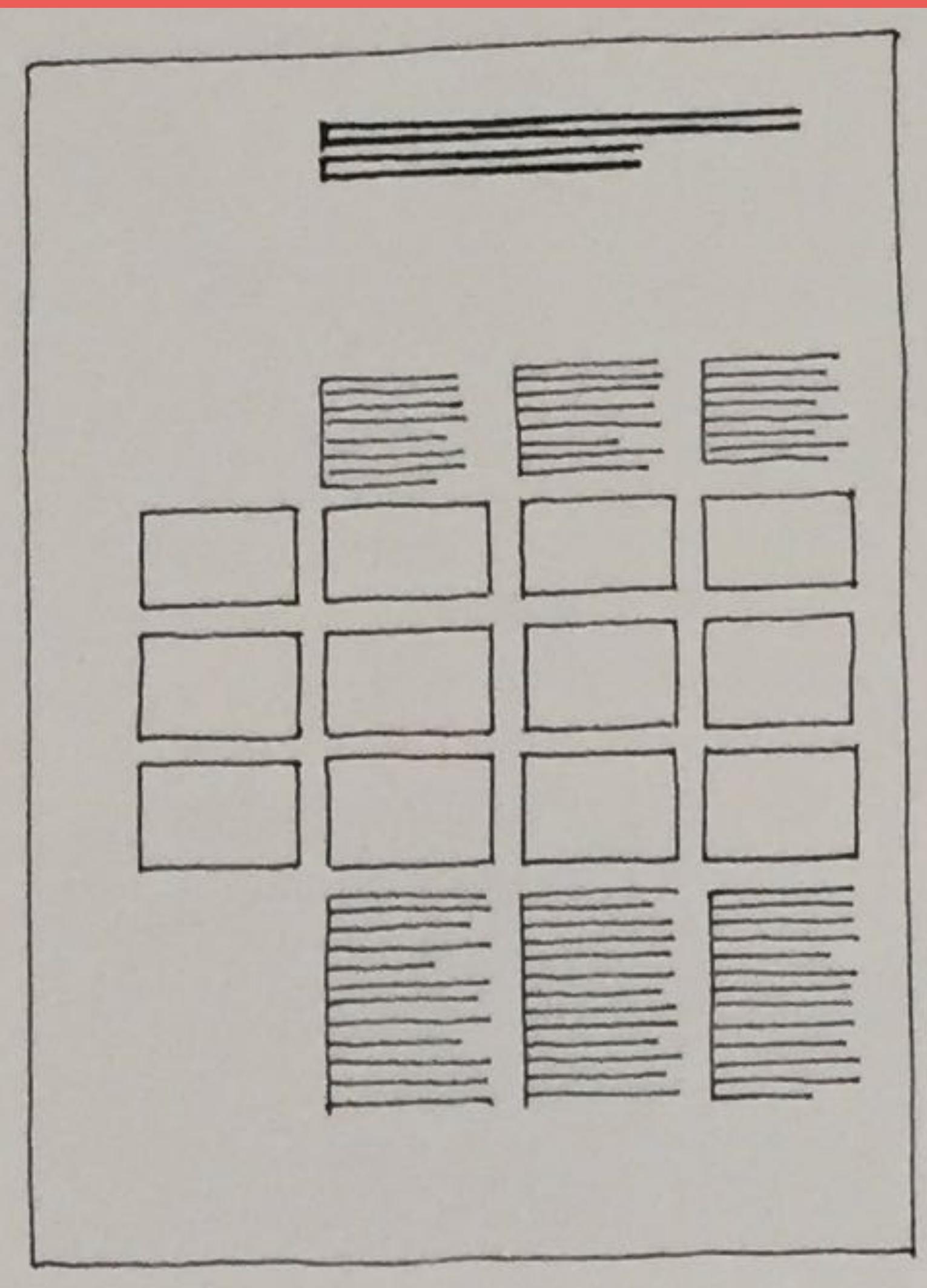
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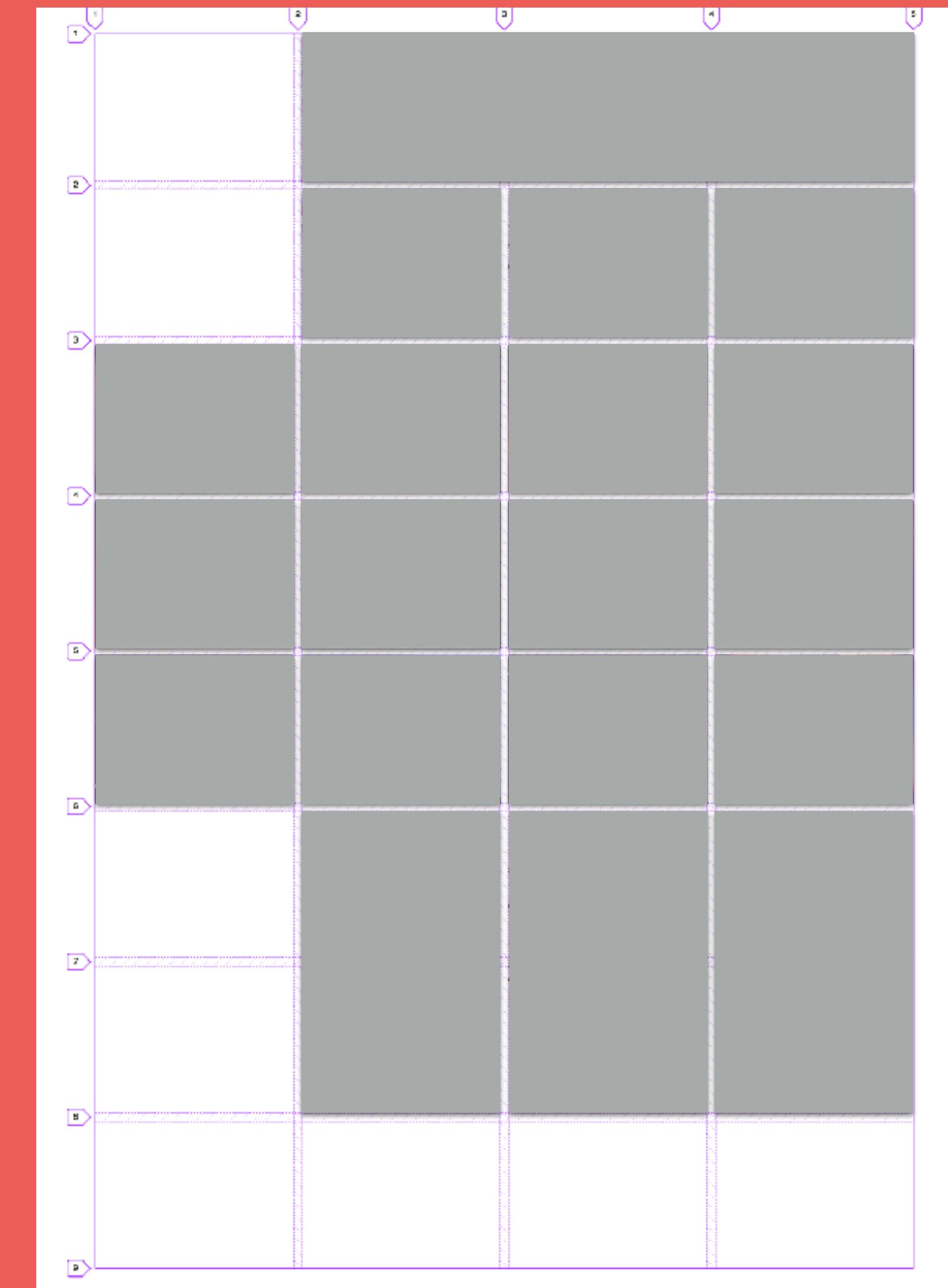
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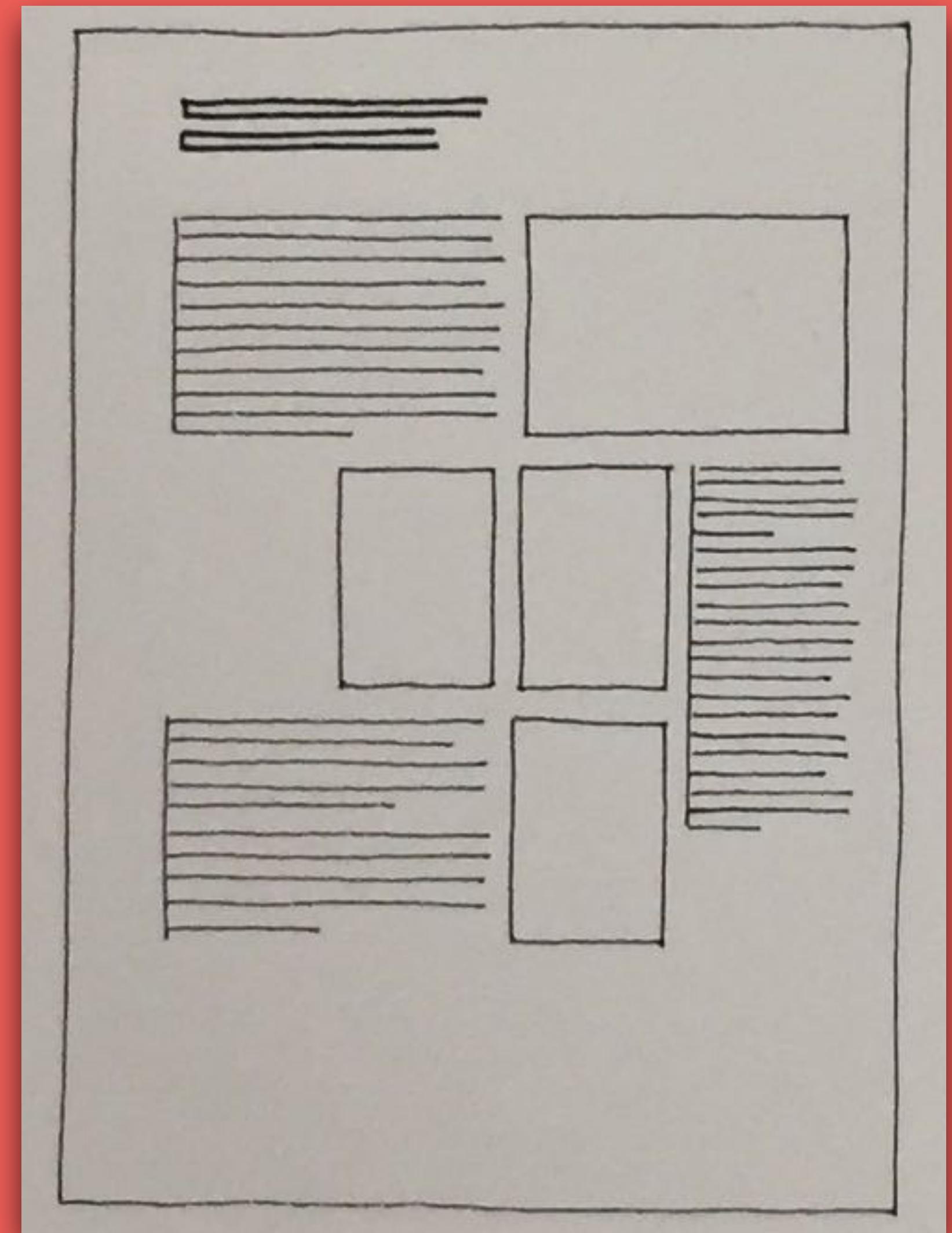
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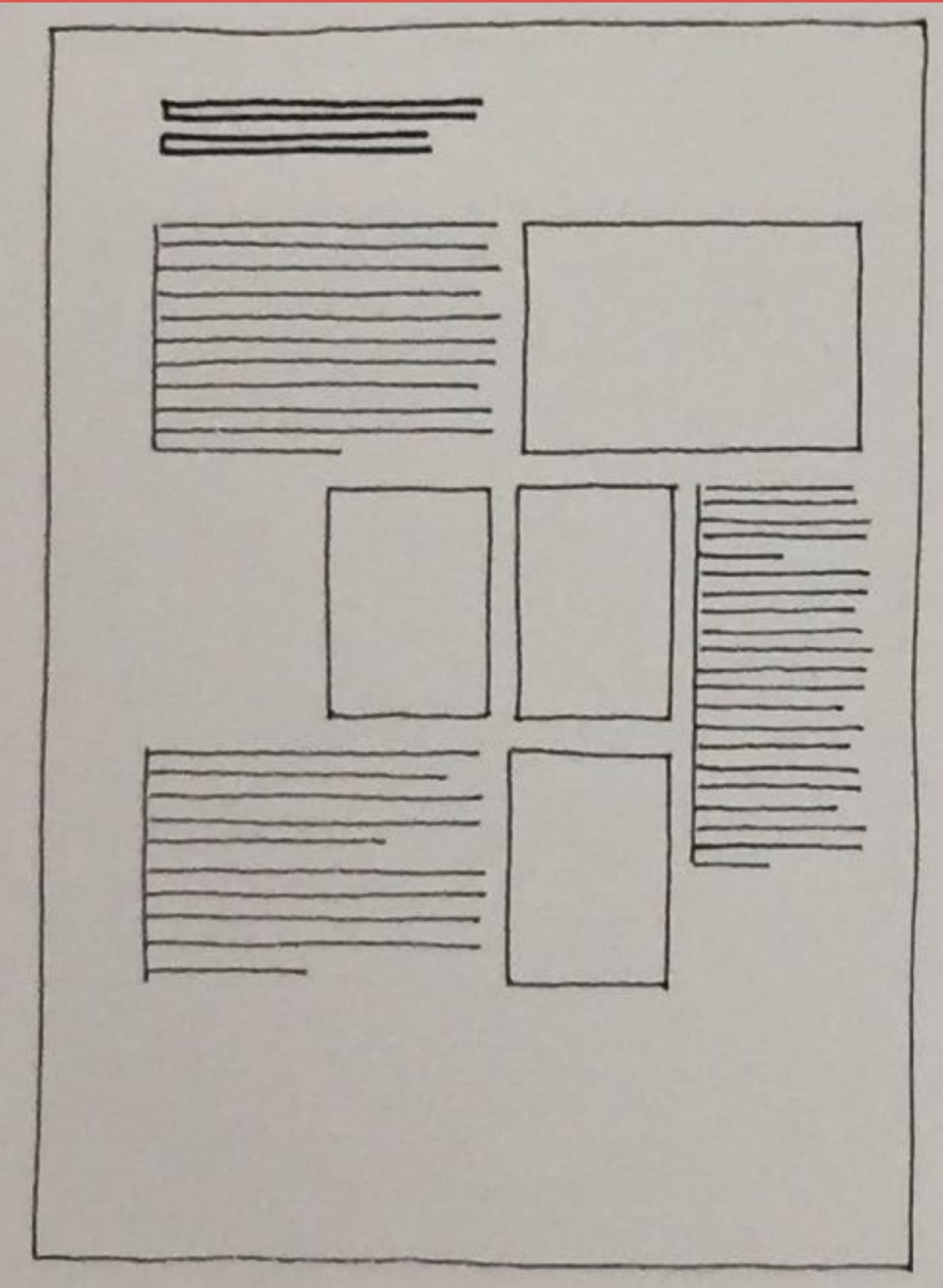
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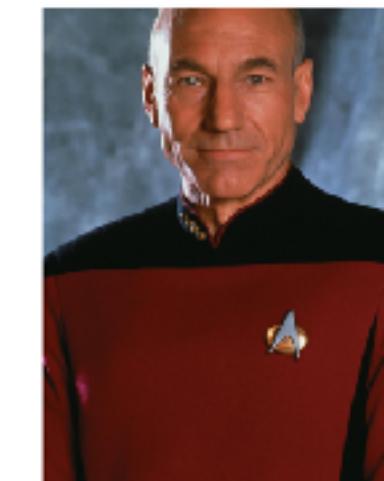






Star Trek. The Next Generation

Space, the final frontier. These are the voyages of the Starship Enterprise. Its continuing mission to explore strange new worlds, to seek out new life and new civilization, to boldly go where no one has gone before... Space, the final frontier. These are the voyages of the Starship Enterprise. Its continuing mission to explore strange new worlds, to seek out new life and new civilization, to boldly go where no one has gone before...

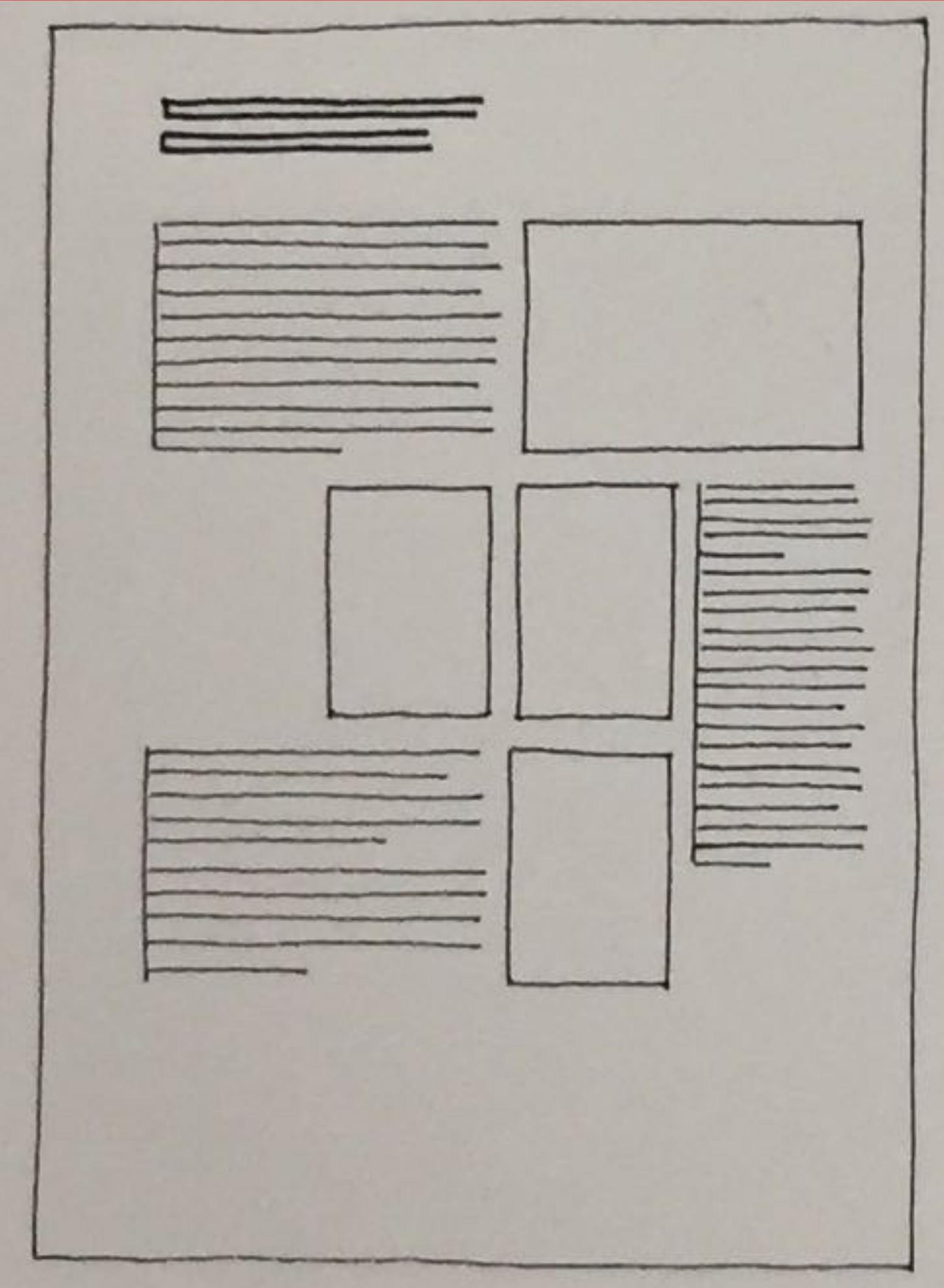


Deanna Troi was born on March 29, 2336, near Lake El-Nar, Betazed.[2] Deanna's parents are Betazoid Ambassador Lwaxana Troi (portrayed by Majel Barrett), and deceased human Starfleet officer Lt. Ian Andrew Troi (portrayed by Amick Byram). An older sister, Kestra, was accidentally drowned during Deanna's infancy (see "Dark Page"). Although Deanna Troi has little exposure to Earth culture, she attended Starfleet Academy from 2355 to 2359, as well as the University on Betazed, and earned an advanced degree in psychology.



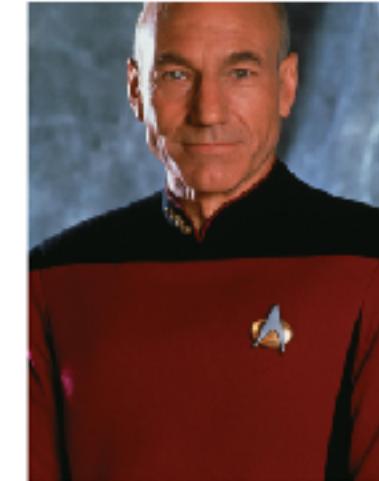
Jean-Luc Picard was born to Maurice and Yvette Picard in La Barre, France, on 13 July 2305, and he dreamed of joining Starfleet.[4] He and the rest of his family speak English, with English accents—the French language having become obscure by the 24th century, as mentioned in the Next Generation episode "Code of Honor". Suspiciously, Picard also has a number of British habits, including the regular consumption of Earl Grey tea, a fondness for Shakespeare, which he performs – authentically enough given the origins of The Bard.

1	2	3	4	5
<h2>Star Trek. The Next Generation</h2> <p>Space, the final frontier. These are the voyages of the Starship Enterprise. Its continuing mission to explore strange new worlds, to seek out new life and new civilization, to boldly go where no one has gone before... Space, the final frontier. These are the voyages of the Starship Enterprise. Its continuing mission to explore strange new worlds, to seek out new life and new civilization, to boldly go where no one has gone before...</p>				<p>Deanna Troi was born on March 29, 2336, near Lake El-Nar, Betazed.[2] Deanna's parents are Betazoid Ambassador Lwaxana Troi (portrayed by Majel Barrett), and deceased human Starfleet officer Lt. Ian Andrew Troi (portrayed by Amick Byram). An older sister, Kestra, was accidentally drowned during Deanna's infancy (see "Dark Page"). Although Deanna Troi has little exposure to Earth culture, she attended Starfleet Academy from 2355 to 2359, as well as the University on Betazed, and earned an advanced degree in psychology.</p>
<p>Jean-Luc Picard was born to Maurice and Yvette Picard in La Barre, France, on 13 July 2305, and he dreamed of joining Starfleet.[4] He and the rest of his family speak English, with English accents—the French language having become obscure by the 24th century, as mentioned in the Next Generation episode "Code of Honor". Suspiciously, Picard also has a number of British habits, including the regular consumption of Earl Grey tea, a fondness for Shakespeare, which he performs – authentically enough given the origins of The Bard.</p>				<p>Deanna Troi was born on March 29, 2336, near Lake El-Nar, Betazed.[2] Deanna's parents are Betazoid Ambassador Lwaxana Troi (portrayed by Majel Barrett), and deceased human Starfleet officer Lt. Ian Andrew Troi (portrayed by Amick Byram). An older sister, Kestra, was accidentally drowned during Deanna's infancy (see "Dark Page"). Although Deanna Troi has little exposure to Earth culture, she attended Starfleet Academy from 2355 to 2359, as well as the University on Betazed, and earned an advanced degree in psychology.</p>



Star Trek. The Next Generation

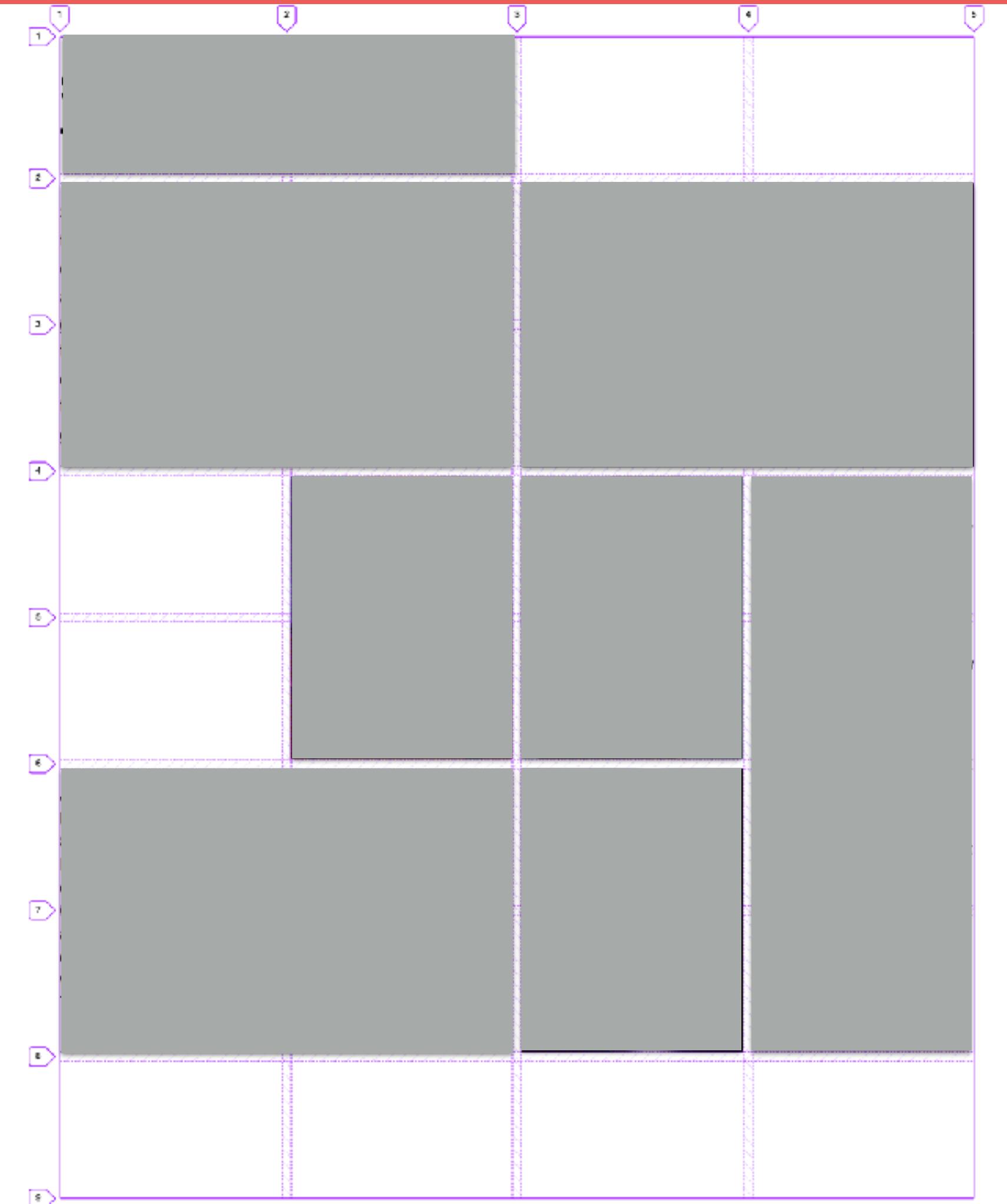
Space, the final frontier. These are the voyages of the Starship Enterprise. Its continuing mission to explore strange new worlds, to seek out new life and new civilization, to boldly go where no one has gone before... Space, the final frontier. These are the voyages of the Starship Enterprise. Its continuing mission to explore strange new worlds, to seek out new life and new civilization, to boldly go where no one has gone before...



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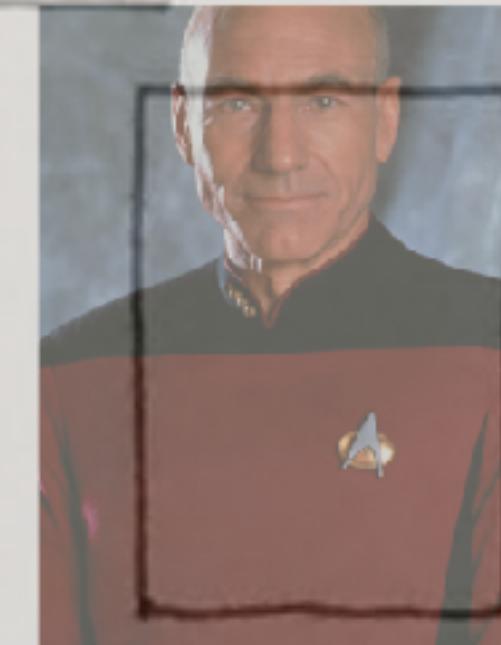


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Star Trek. The Next Generation

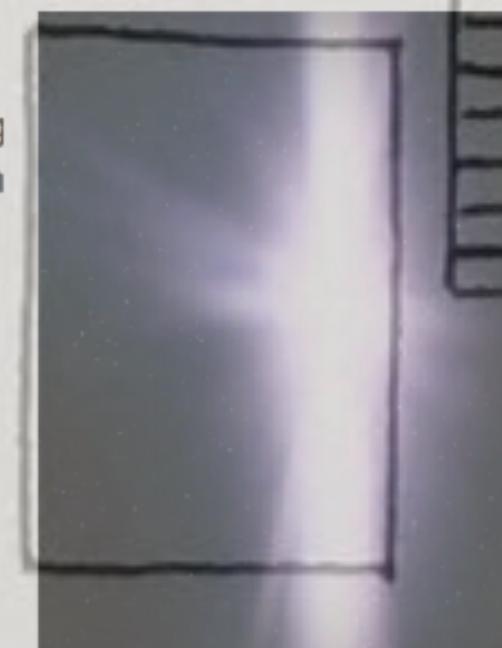
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National Film Theatre of Australia

The New Swiss Film

**Canberra Melbourne Hobart Adelaide Sydney
Perth Brisbane**

As a partner to Swiss filmmakers, it reinforces the visibility and positive awareness of Swiss filmmaking at home and abroad. The foundation's primary tasks include distribution, networking and cultural promotion of Swiss filmmaking. SWISS FILM DIRECTS as activities towards film distributors, media professionals, special-interest groups, cultural institutions and sectors of the general public interested in film. The foundation has a performance-based contract with the Federal Office of Culture and Pro Helvetia, the Swiss Arts Council.



National Film Theatre of Australia

The New Swiss Film

Canberra Melbourne Hobart Adelaide Sydney
Perth Brisbane

Canberra 9th September 1974 Australian Information Service Theatre
Canberra 9th September 1974 Australian Information Service Theatre



National Film Theatre of Australia

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National Film Theatre of Australia

The New Swiss Film

Canberra Melbourne Hobart Adelaide Sydney
Perth Brisbane

As a partner to Swiss filmmakers it reinforces the visibility and positive awareness of Swiss film-making at home and abroad. The Foundation's primary tasks include the promotion of Swiss cinema worldwide and securing production of Swiss film-making. SFNTS 21,114 Swiss film-makers worldwide are members. The foundation promotes the moral, spiritual, artistic, political, cultural interests and sectors of the national public interested in film. The foundation has a performance-based contract with the Federal Office of Culture and Pro Helvetia, the Swiss Arts Council.



National Film Theatre of Australia

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National Film Theatre of Australia

The New Swiss Film

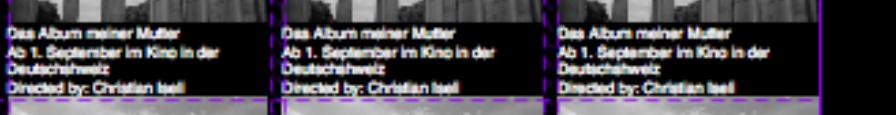
**Canberra Melbourne Hobart Adelaide Sydney
Perth Brisbane**



Das Album meiner Mutter
Ab 1. September im Kino in der



A wide-angle photograph of the Parthenon's porticoes, showing the classical columns and the surrounding landscape.



**Ab 1. September im Kino in der
Deutschschweiz**
Directed by: Christian Iessl



...and the columns of the temple of Poseidon at Cape Sounion.

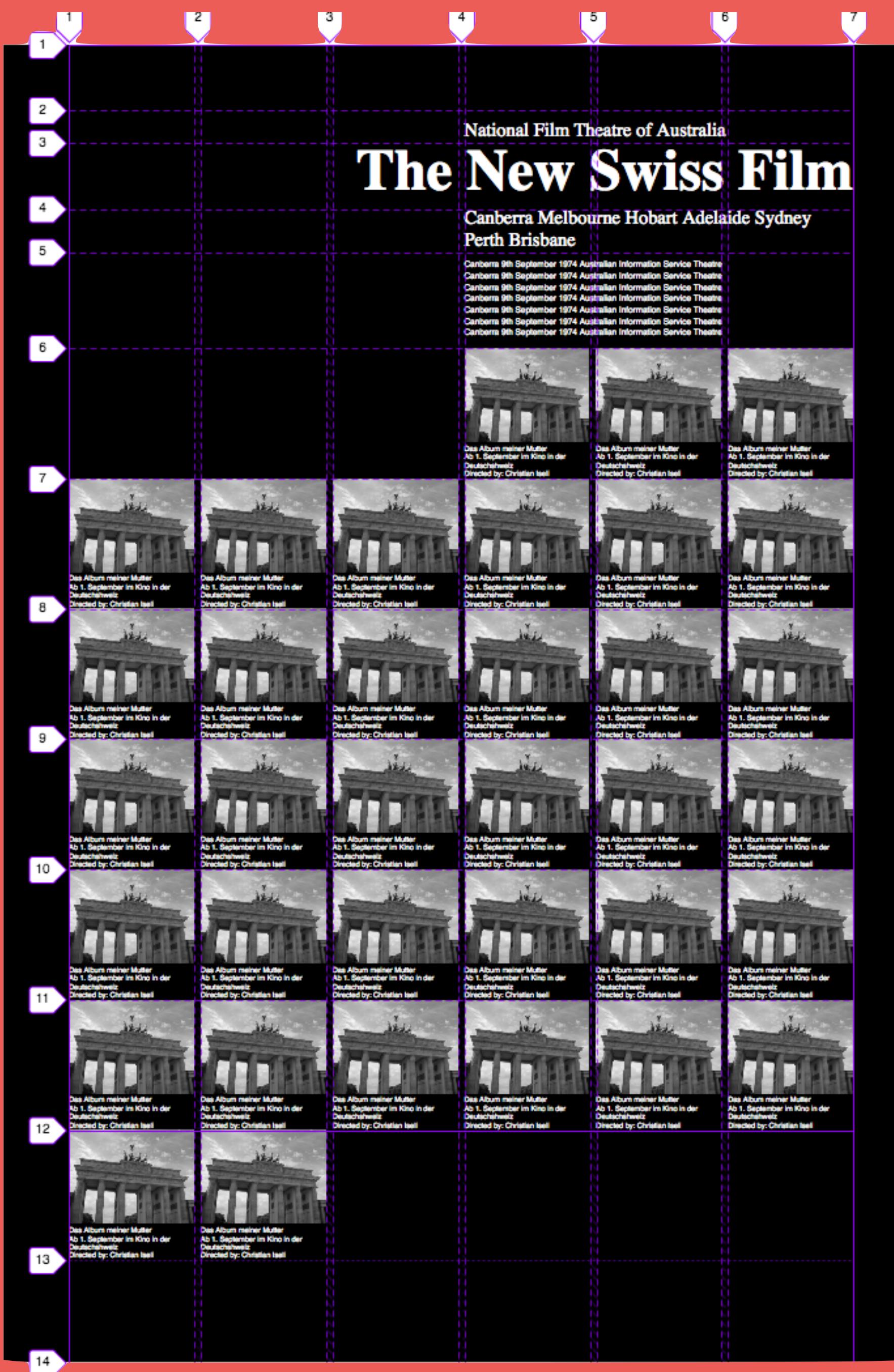


DIRECTOR: Christian Neel
DIRECTED BY: Christian Neel

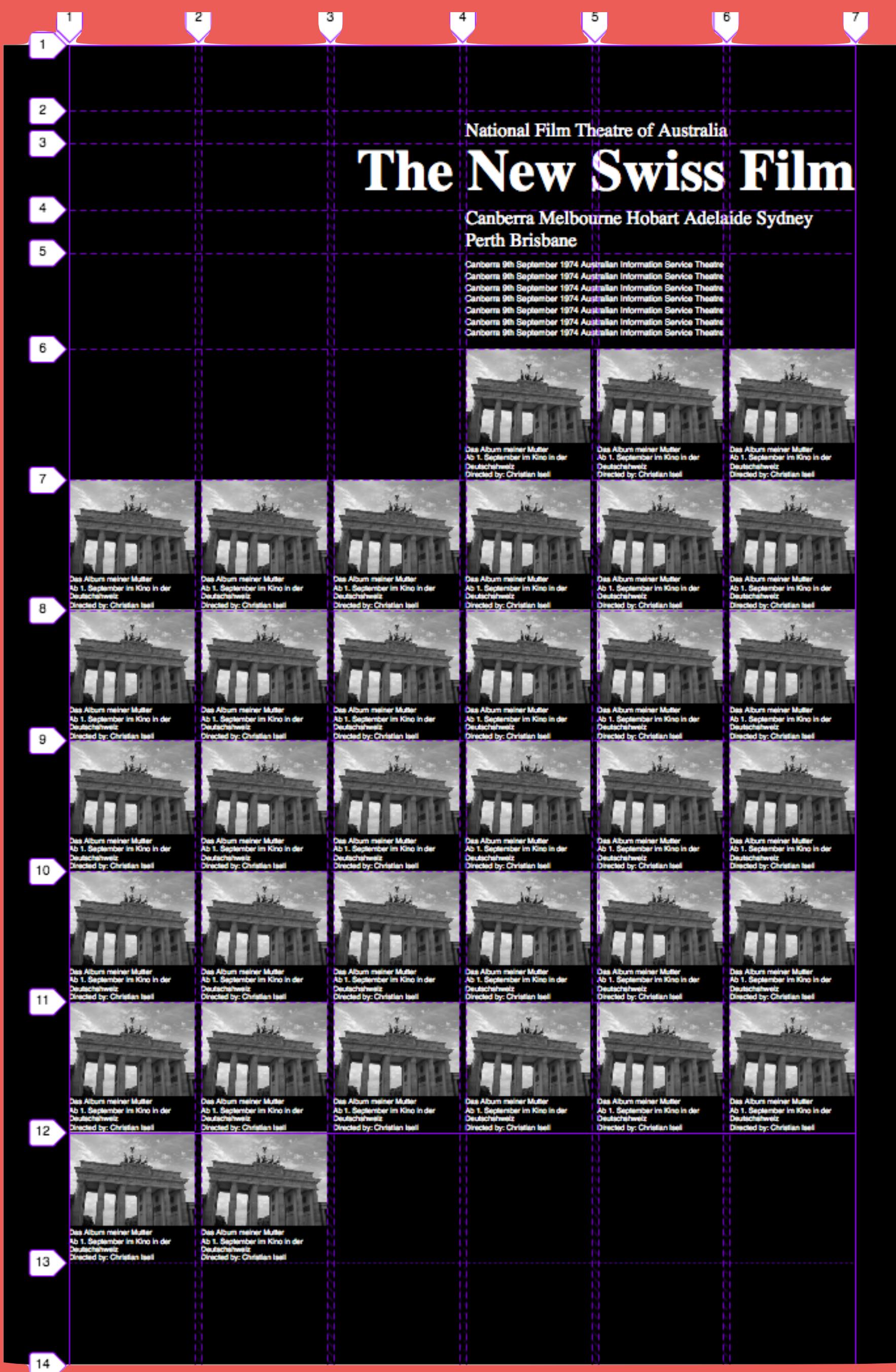


Das Album meiner Mutter
Ab 1. September im Kino. In der

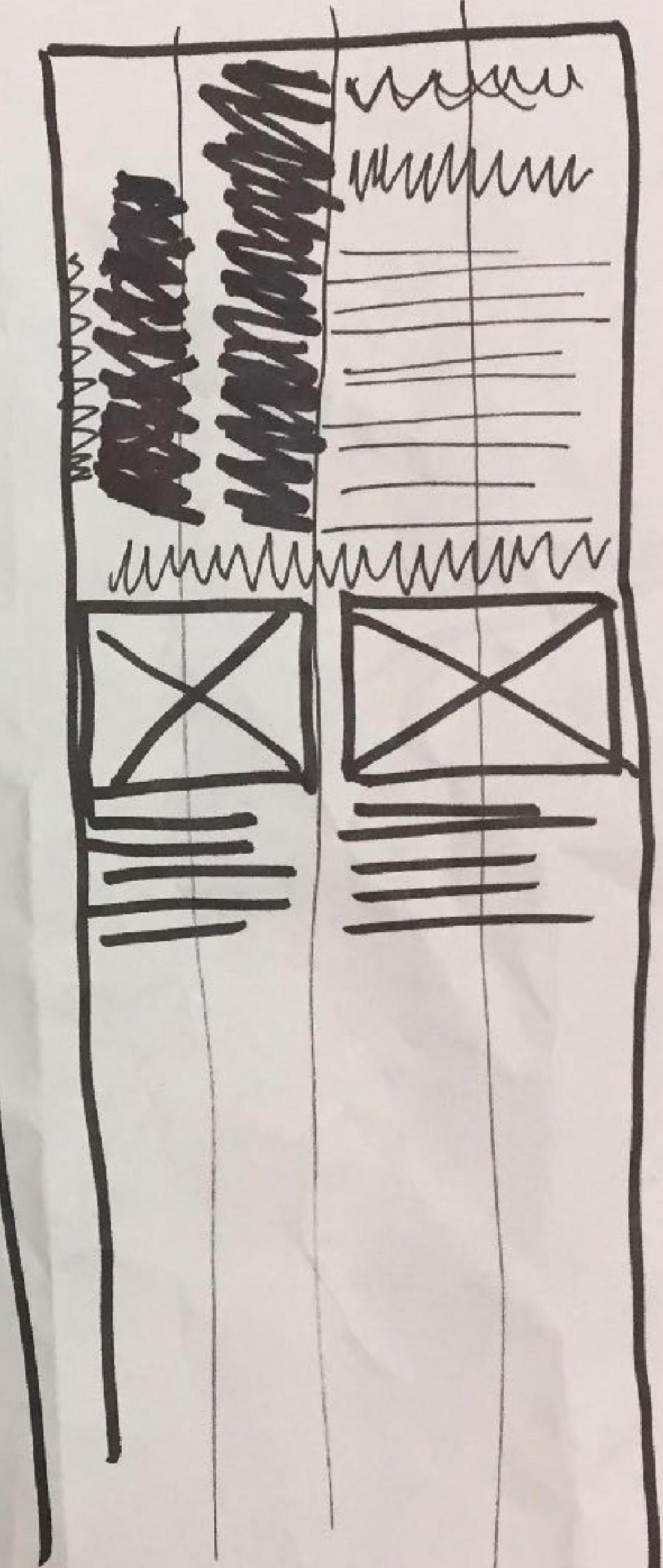
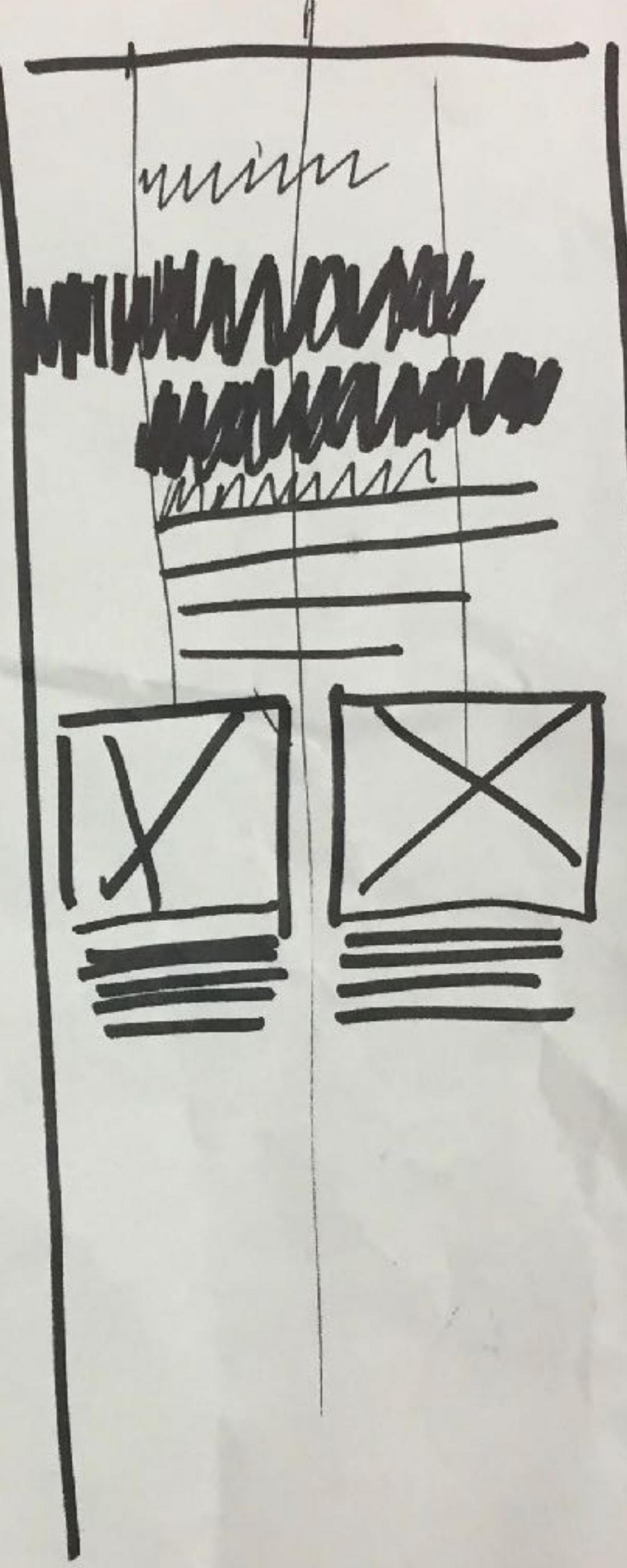
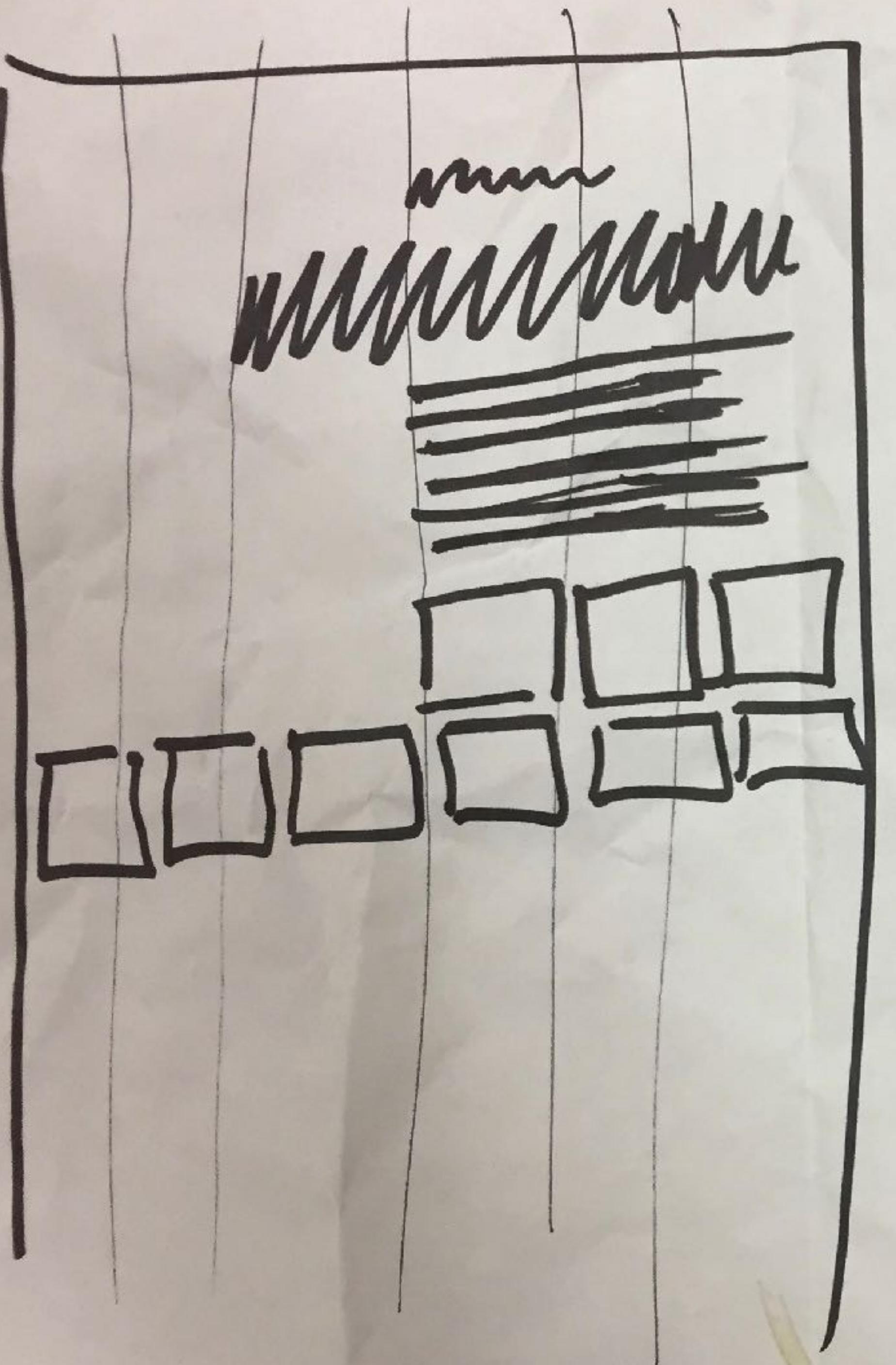




```
.wrapper {  
    background: black;  
    padding: 0 100px;  
    display: grid;  
    grid-template-columns: repeat(6, 1fr);  
    grid-column-gap: 10px;  
    grid-template-rows: minmax(100px, auto)  
                      minmax(50px, auto) minmax(100px, auto)  
                      minmax(50px, auto) minmax(100px, auto)  
                      minmax(50px, auto) minmax(150px, auto)  
                      minmax(150px, auto) minmax(150px, auto)  
                      minmax(150px, auto) minmax(150px, auto);  
    margin: 50px auto;  
    max-width: 1400px;  
}
```



```
.wrapper {  
    background: black;  
    padding: 0 100px;  
    display: grid;  
    grid-template-columns: repeat(6, 1fr);  
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                      minmax(150px, auto) minmax(150px, auto) ;  
    margin: 50px auto;  
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}
```





Responsive ▾ 1313 x 1116 50% ▾ Online ▾

National Film Theatre of Australia

The New Swiss Film

Canberra Melbourne Hobart Adelaide
Sydney Perth Brisbane

Canberra 9th September 1974 Australian Information Service Theatre
Canberra 9th September 1974 Australian Information Service Theatre
Canberra 9th September 1974 Information Service Theatre
Canberra 9th September 1974 Australian Information Service Theatre
Canberra 9th September 1974 Information Service Theatre
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Hydrogen
H

Helium
He

Lithium
Li

Beryllium
Be

Boron
B

Carbon
C

Nitrogen
N

Oxygen
O

Fluorine
F

Neon
Ne

Sodium
Na

Magnesium
Mg

Aluminum
Al

Silicon
Si

Phosphorus
P

Sulfur
S

Chlorine
Cl

Argon
Ar

Potassium
K

Calcium
Ca

Scandium
Sc

Titanium
Ti

Vanadium
V

Chromium
Cr

Manganese
Mn

Iron
Fe

Cobalt
Co

Nickel
Ni

Copper
Cu

Zinc
Zn

Gallium
Ga

Germanium
Ge

Arsenic
As

Selenium
Se

Bromine
Br

Krypton
Kr

Rubidium
Rb

Strontium
Sr

Yttrium
Y

Zirconium
Zr

Niobium
Nb

Molybdenum
Mo

Technetium
Tc

Ruthenium
Ru

Rhodium
Rh

Palladium
Pd

Silver
Ag

Cadmium
Cd

Indium
In

Tin
Sn

Antimony
Sb

Tellurium
Te

Iodine
I

Xenon
Xe

Cesium
Cs

Barium
Ba

Hafnium
Hf

Tantalum
Ta

Tungsten
W

Rhenium
Re

Osmium
Os

Iridium
Ir

Platinum
Pt

Gold
Au

Mercury
Hg

Thallium
Tl

Lead
Pb

Bismuth
Bi

Polonium
Po

Astatine
At

Radon
Rn

Francium
Fr

Radium
Ra

Rutherfordium
Rf

Dubnium
Db

Seaborgium
Sg

Bohrium
Bh

Hassium
Hs

Meltnerium
Mt

Darmstadtium
Ds

Roentgenium
Rg

Copernicium
Cn

Ununtrium
Uut

Flerovium
Fl

Ununpentium
Uup

Livermorium
Lv

Ununseptium
Uus

Ununoctium
Uuo

Lanthanum
La

Cerium
Ce

Praseodymium
Pr

Neodymium
Nd

Promethium
Pm

Samarium
Sm

Europium
Eu

Gadolinium
Gd

Terbium
Tb

Dysprosium
Dy

Holmium
Ho

Erbium
Er

Thulium
Tm

Ytterbium
Yb

Actinium
Ac

Thorium
Th

Protactinium
Pa

Uranium
U

Neptunium
Np

Plutonium
Pu

Americium
Am

Curium
Cm

Berkelium
Bk

Californium
Cf

Einsteinium
Es

Fermium
Fm

Mendelevium
Md

Nobelium
No





```
.h {grid-column:1; grid-row:1;}
.he {grid-column:18; grid-row:1;}
.li {grid-column:1; grid-row:2;}
.be {grid-column:2; grid-row:2;}
.b {grid-column:13; grid-row:2;}
.c {grid-column:14; grid-row:2;}
.n {grid-column:15; grid-row:2;}
.o {grid-column:16; grid-row:2;}
```



.wrapper																							
Hydrogen <i>H</i>																		Helium <i>He</i>					
Lithium <i>Li</i>	Beryllium <i>Be</i>																	Sodium <i>Na</i>	Magnesium <i>Mg</i>				
																		Boron <i>B</i>	Carbon <i>C</i>	Nitrogen <i>N</i>	Oxygen <i>O</i>	Fluorine <i>F</i>	Neon <i>Ne</i>
																		Aluminum <i>Al</i>	Silicon <i>Si</i>	Phosphorus <i>P</i>	Sulfur <i>S</i>	Chlorine <i>Cl</i>	Argon <i>Ar</i>
Potassium <i>K</i>	Calcium <i>Ca</i>	Scandium <i>Sc</i>	Titanium <i>Ti</i>	Vanadium <i>V</i>	Chromium <i>Cr</i>	Manganese <i>Mn</i>	Iron <i>Fe</i>	Cobalt <i>Co</i>	Nickel <i>Ni</i>	Copper <i>Cu</i>	Zinc <i>Zn</i>	Gallium <i>Ga</i>	Germanium <i>Ge</i>	Arsenic <i>As</i>	Selenium <i>Se</i>	Bromine <i>Br</i>	Krypton <i>Kr</i>						
Rubidium <i>Rb</i>	Strontium <i>Sr</i>	Yttrium <i>Y</i>	Zirconium <i>Zr</i>	Niobium <i>Nb</i>	Molybdenum <i>Mo</i>	Technetium <i>Tc</i>	Ruthenium <i>Ru</i>	Rhodium <i>Rh</i>	Palladium <i>Pd</i>	Silver <i>Ag</i>	Cadmium <i>Cd</i>	Indium <i>In</i>	Tin <i>Sn</i>	Antimony <i>Sb</i>	Tellurium <i>Te</i>	Iodine <i>I</i>	Xenon <i>Xe</i>						
Cesium <i>Cs</i>	Barium <i>Ba</i>		Hafnium <i>Hf</i>	Tantalum <i>Ta</i>	Tungsten <i>W</i>	Rhenium <i>Re</i>	Osmium <i>Os</i>	Iridium <i>Ir</i>	Platinum <i>Pt</i>	Gold <i>Au</i>	Mercury <i>Hg</i>	Thallium <i>Tl</i>	Lead <i>Pb</i>	Bismuth <i>Bi</i>	Polonium <i>Po</i>	Astatine <i>At</i>	Radon <i>Rn</i>						
Francium <i>Fr</i>	Radium <i>Ra</i>		Rutherfordium <i>Rf</i>	Dubnium <i>Db</i>	Seaborgium <i>Sg</i>	Bohrium <i>Bh</i>	Hassium <i>Hs</i>	Meitnerium <i>Mt</i>	Darmstadtium <i>Ds</i>	Roentgenium <i>Rg</i>	Copernicium <i>Cn</i>	Ununtrium <i>Uut</i>	Flerovium <i>Fl</i>	Ununpentium <i>Uup</i>	Livermorium <i>Lv</i>	Ununseptium <i>Uus</i>	Ununoctium <i>Uuo</i>						
			Lanthanum <i>La</i>	Cerium <i>Ce</i>	Praseodymium <i>Pr</i>	Neodymium <i>Nd</i>	Promethium <i>Pm</i>	Samarium <i>Sm</i>	Europium <i>Eu</i>	Gadolinium <i>Gd</i>	Terbium <i>Tb</i>	Dysprosium <i>Dy</i>	Holmium <i>Ho</i>	Erbium <i>Er</i>	Thulium <i>Tm</i>	Ytterbium <i>Yb</i>							
			Actinium <i>Ac</i>	Thorium <i>Th</i>	Protactinium <i>Pa</i>	Uranium <i>U</i>	Neptunium <i>Np</i>	Plutonium <i>Pu</i>	Americium <i>Am</i>	Curium <i>Cm</i>	Berkellium <i>Bk</i>	Californium <i>Cf</i>	Einsteinium <i>Es</i>	Fermium <i>Fm</i>	Mendelevium <i>Md</i>	Nobelium <i>No</i>							



GRID GARDEN

◀ Level 9 of 28 ▶

You can also use the `span` keyword with `grid-column-start` to set your item's width relative to the end position.

```
1 #garden {  
2   display: grid;  
3   grid-template-columns: 20% 20% 20% 20% 20%;  
4   grid-template-rows: 20% 20% 20% 20% 20%;  
5 }  
6  
7 #water {  
8   grid-column-end: 6;  
9 }  
10  
11  
12  
13  
14
```

Next

Grid Garden is created by [Codepip](#) • [GitHub](#) • [Twitter](#) • [English](#)

Want to learn CSS flexbox? Play [Flexbox Froggy](#).



Grid or Flex

2 Dimensions vs 1 Dimension

Rachel Andrews

<https://gridbyexample.com>

Jen Simmons

<http://labs.jensimmons.com/>

Melanie Richards

<https://summit.microsoftedge.com/>

Jen Kramer

<http://jenkramer.org/>

~~CSS Grid Layout~~

Faster Websites

Offline / PWAs

Cool Sh*tuff

Faster Websites

Amazon sees a 1% decrease in
revenue for every 100ms increase in
load time.

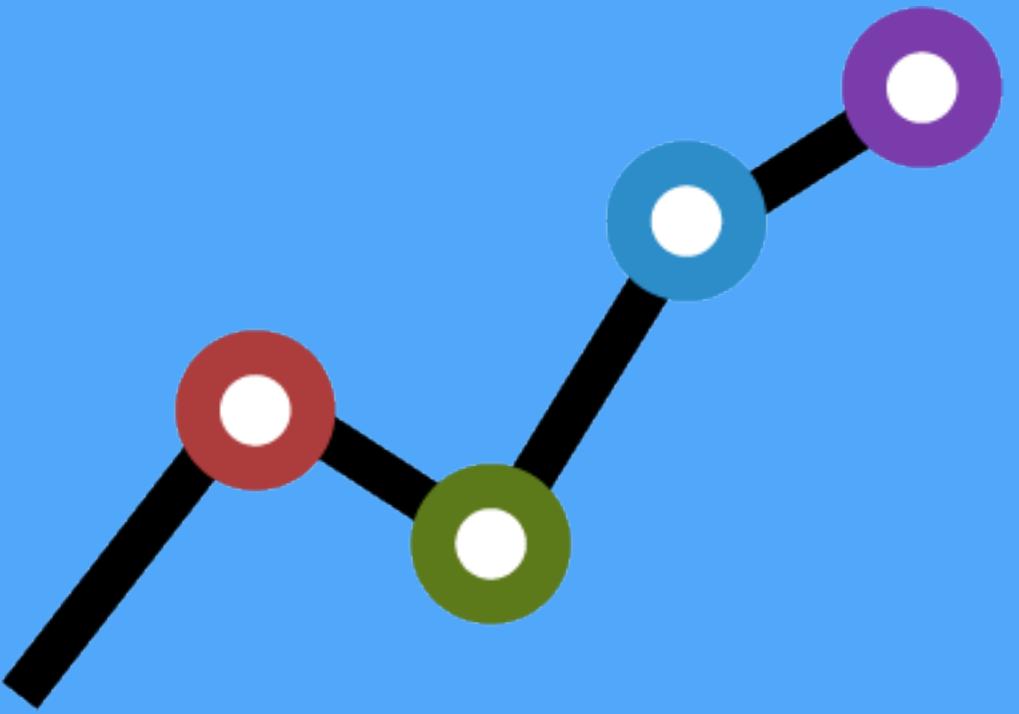
Netflix saw a 43% decrease in their
bandwidth bill after turning on
GZip.

The Trainline reduced latency by 0.3 seconds across their funnel and customers spent an extra £8 million (~\$11.5 million) a year.

Tests of the new, faster FT.com showed users were up to 30% more engaged—meaning more visits and more content being consumed.

<https://www.wsj.com/articles/financial-times-hopes-speedy-new-website-will-boost-subscribers-1475553602>

WPO stats



<https://wpostats.com/>

The next billion users

WORLD INTERNET USAGE AND POPULATION STATISTICS

JUNE 30, 2016 - Update

World Regions	Population (2016 Est.)	Population % of World	Internet Users 30 June 2016	Penetration Rate (% Pop.)	Growth 2000-2016	Table % Users
<u>Asia</u>	4,052,652,889	55.2 %	1,846,212,654	45.6 %	1,515.2%	50.2 %
<u>Europe</u>	832,073,224	11.3 %	614,979,903	73.9 %	485.2%	16.7 %
<u>Latin America / Caribbean</u>	626,054,392	8.5 %	384,751,302	61.5 %	2,029.4%	10.5 %
<u>Africa</u>	1,185,529,578	16.2 %	340,783,342	28.7 %	7,448.8%	9.3 %
<u>North America</u>	359,492,293	4.9 %	320,067,193	89.0 %	196.1%	8.7 %
<u>Middle East</u>	246,700,900	3.4 %	141,489,765	57.4 %	4,207.4%	3.8 %
<u>Oceania / Australia</u>	37,590,820	0.5 %	27,540,654	73.3 %	261.4%	0.8 %
<u>WORLD TOTAL</u>	7,340,094,096	100.0 %	3,675,824,813	50.1 %	918.3%	100.0 %

NOTES: (1) Internet Usage and World Population Statistics updated as of June 30, 2016. (2) [CLICK](#) on each world region name for detailed regional usage information. (3) Demographic (Population) numbers are based on data from the [US Census Bureau](#), [Eurostats](#) and from local census agencies. (4) Internet usage information comes from data published by [Nielsen Online](#), by the [International Telecommunications Union](#), by [GfK](#), by local ICT Regulators and other reliable sources. (5) For definitions, disclaimers, navigation help and methodology, please refer to the [Site Surfing Guide](#). (6) Information in this site may be cited, giving the due credit and placing a link to [www.internetworldstats.com](#). Copyright © 2001 - 2016, Miniwatts Marketing Group. All rights reserved worldwide.



World Internet Usage and Population Statistics June 30, 2017

World Regions	Population (2017 Est.)	Population % of World	Internet Users 30 June 2017	Penetration Rate (% Pop.)	Growth 2000-2017	Internet Users %
<u>Africa</u>	1,246,504,865	16.6%	388,376,491	31.2%	8,503.1%	10.0%
<u>Asia</u>	4,148,177,672	55.2%	1,938,075,631	46.7%	1,595.5%	49.7%
<u>Europe</u>	822,710,362	10.9%	659,634,487	80.2%	527.6%	17.0%
<u>Latin America / Caribbean</u>	647,604,645	8.6%	404,269,163	62.4%	2,137.4%	10.4%
<u>Middle East</u>	250,327,574	3.3%	146,972,123	58.7%	4,374.3%	3.8%
<u>North America</u>	363,224,006	4.8%	320,059,368	88.1%	196.1%	8.2%
<u>Oceania / Australia</u>	40,479,846	0.5%	28,180,356	69.6%	269.8%	0.7%
<u>WORLD TOTAL</u>	7,519,028,970	100.0%	3,885,567,619	51.7%	976.4%	100.0%

+1.6%

+209,742,806



“Our” Users

“Our” Target Market

**There are more people living inside
this circle than outside of it.**

World Internet Usage and Population Statistics June 30, 2017

World Regions	Population (2017 Est.)	Population % of World	Internet Users 30 June 2017	Penetration Rate (% Pop.)	Growth 2000-2017	Internet Users %
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“Our” Users

“Our” Target Market

No one sets out to build a slow
site that costs a fortune to see



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ADOBE MAX—THE CREATIVITY CONFERENCE



GET INSPIRED. LEARN SKILLS. PLAY.

OCTOBER 18–20, 2017, LAS VEGAS, NEVADA

PRECONFERENCE OCTOBER 16–17

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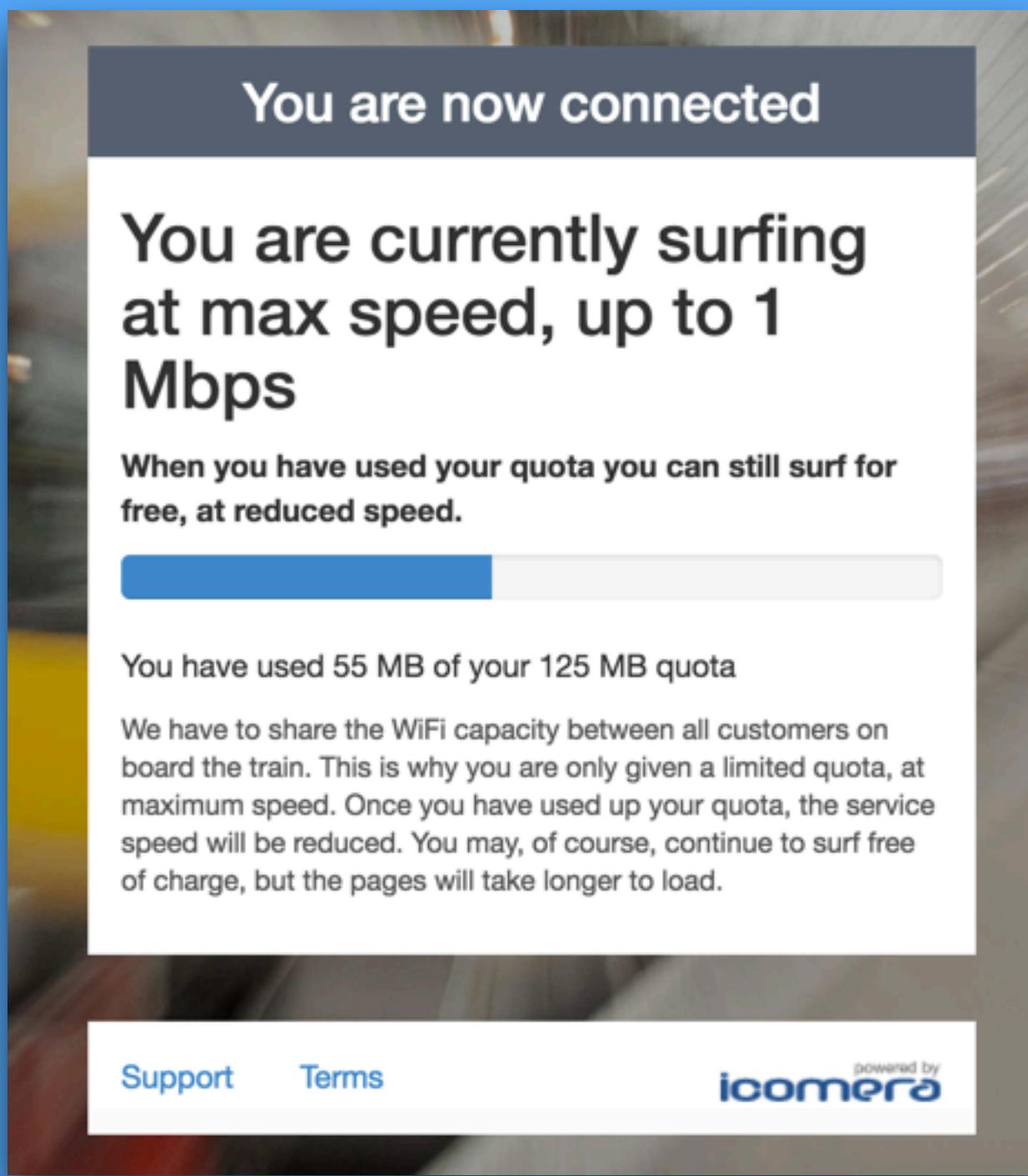
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What Does My Site Cost?

Find out how much it costs for someone to use your site on mobile networks around the world.

<https://max.adobe.com> weighs 20.96MB. Here's what that costs around the globe.

Want to make things better? Check out the [full results and recommendations at WebPageTest.org](#).

Cost in USD

Cost in USD, PPP

Cost as % of GNI, PPP

● Postpaid Prepaid

Cost in USD, PPP (PREPAID DATA)

This is the cost of the site based on data from the [ITU](#) and [World Bank](#). The cost of data is standardized based on the [PPP](#) factor. Prices were collected from the operator with the largest marketshare in the country, using the least expensive plan with a (minimum) data allowance of 500 MB over (a minimum of) 30 days. Prices include taxes. Because these numbers are based on the least expensive plan, they are best case scenarios.

Country	Cost (in USD, PPP)
United States	\$2.05
	<p>This exceeds the \$1.25 per day poverty level. Approximately 5,420,994 people in United States live below this level.</p>
Switzerland	\$1.92
	<p>This exceeds the \$1.25 per day poverty level.</p>
Ireland	\$1.84
	<p>This exceeds the \$1.25 per day poverty level.</p>
Canada	\$1.28
	<p>This exceeds the \$1.25 per day poverty level. Approximately 281,280 people in Canada live below this level.</p>

What Does My Site Cost?

Find out how much it costs for someone to use your site on mobile networks around the world.

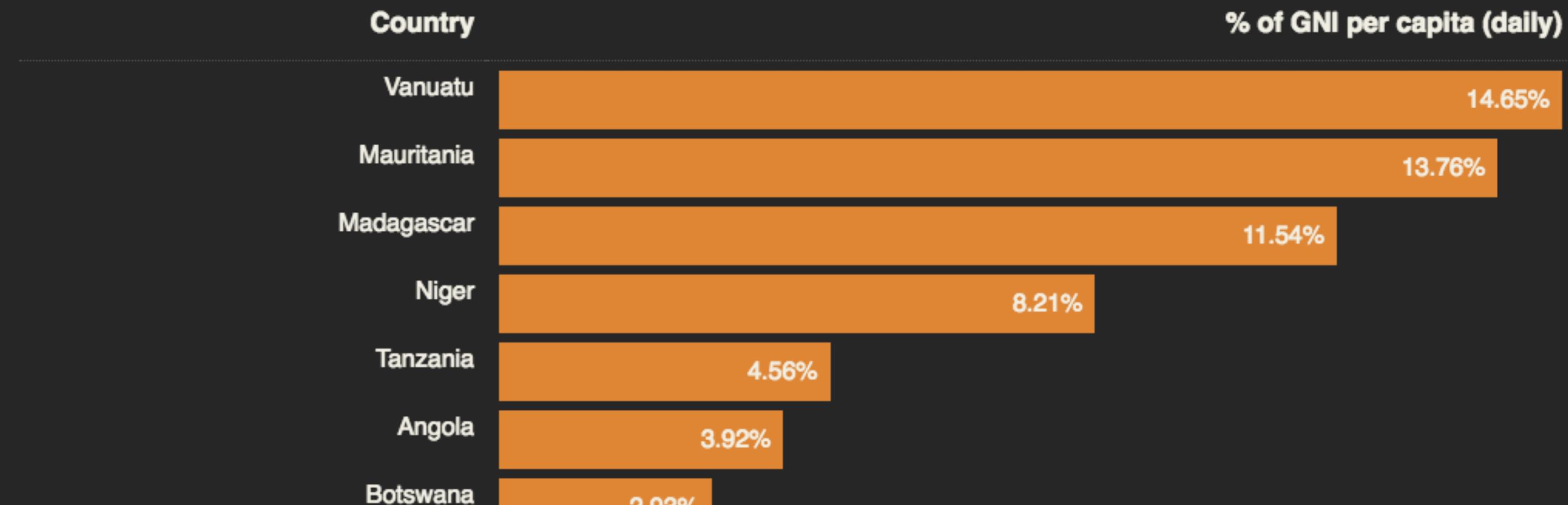
<https://max.adobe.com> weighs 20.96MB. Here's what that costs around the globe.

Want to make things better? Check out the [full results and recommendations at WebPageTest.org](#).

Cost in USD Cost in USD, PPP Cost as % of GNI, PPP • Postpaid • Prepaid

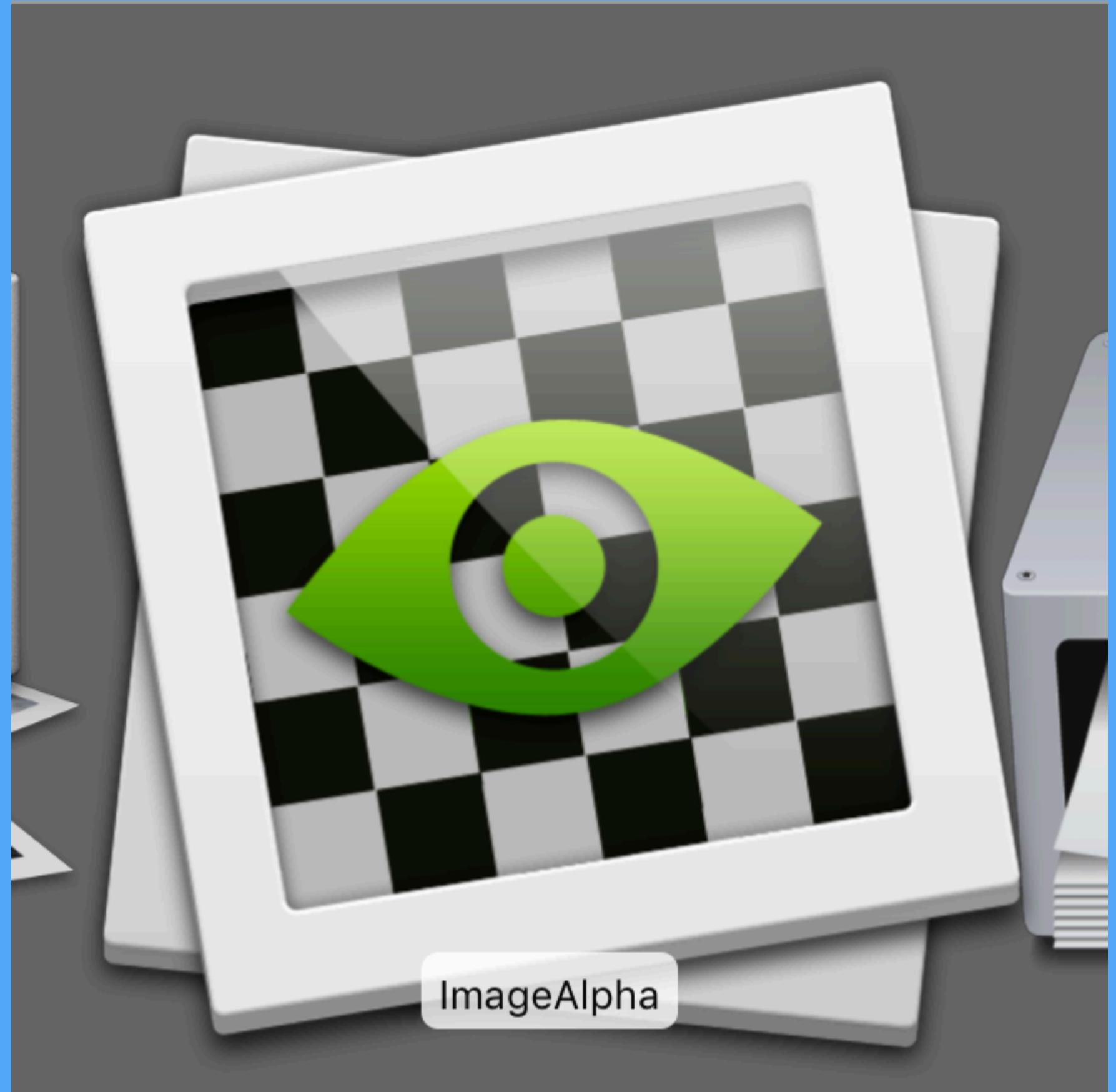
Cost as a percentage of GNI (PPP method) (PREPAID DATA)

This is the relative cost of the site based on data from the [ITU](#) and [World Bank](#). The cost of data is standardized based on the [PPP](#) factor. The cost then has affordability factored in by comparing to the [GNI](#) per capita (broken down to a daily number). Prices were collected from the operator with the largest marketshare in the country, using the least expensive plan with a (minimum) data allowance of 500 MB over (a minimum of) 30 days. Prices include taxes. Because these numbers are based on the least expensive plan, they are **best case scenarios**.



Step 1

Optimise the images



ImageAlpha



ImageOptim

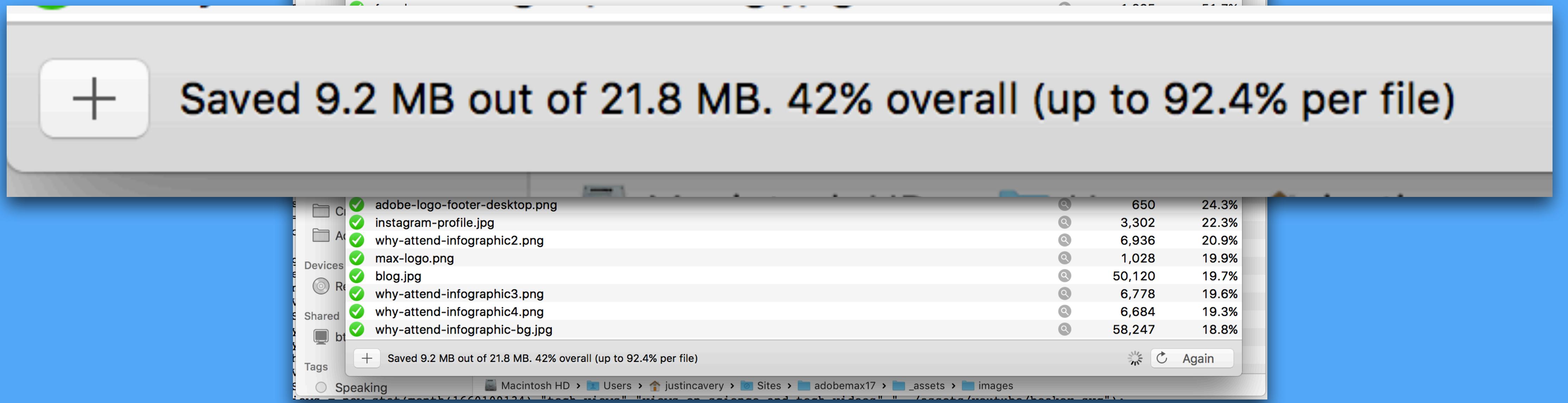
adobemax17

ImageOptim

File	Size	Savings
Pete-Souza.jpg	170,001	92.4%
Amy-Balliet.jpg	237,258	89.7%
Annie-G Griffiths.jpg	275,579	88.2%
James-Victore.jpg	294,932	87.5%
arrow-right-dark.png	604	72.6%
arrow-left-dark.png	608	72.3%
why-attend-infographic1.png	3,040	54.3%
french.png	1,895	51.7%
arrow-left.png	636	51.3%
arrow-right.png	647	49.5%
adobe-logo-footer-mobile.png	444	43.3%
cdw.png	1,882	33.4%
microsoft.png	1,423	33.3%
pantone.png	1,222	31.8%
gray-twitter.png	913	31.6%
gray-facebook.png	364	28.3%
adobe-logo-header.png	571	27.0%
twitter-profile.jpg	2,778	25.6%
adobe-logo-footer-desktop.png	650	24.3%
instagram-profile.jpg	3,302	22.3%
why-attend-infographic2.png	6,936	20.9%
max-logo.png	1,028	19.9%
blog.jpg	50,120	19.7%
why-attend-infographic3.png	6,778	19.6%
why-attend-infographic4.png	6,684	19.3%
why-attend-infographic-bg.jpg	58,247	18.8%

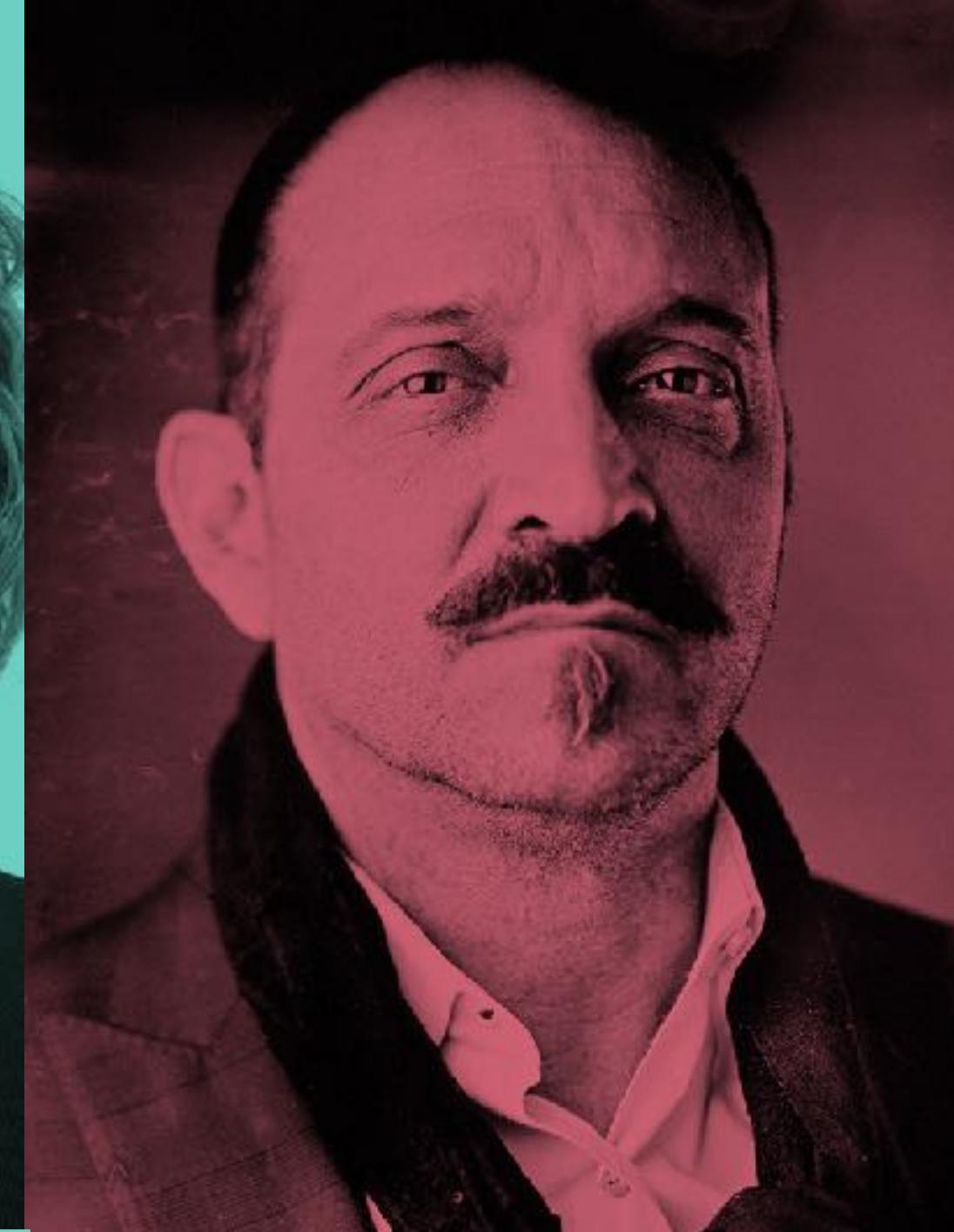
+ Saved 9.2 MB out of 21.8 MB. 42% overall (up to 92.4% per file) Again

Speaking Macintosh HD > Users > justincaverry > Sites > adobemax17 > _assets > images



Step 2

Resize the images





2237KB



2302KB



2342KB



2358KB



60KB



69KB



91KB



74KB



<https://images.guide/>



Responsive Design in 2018



Responsive Design in 2018

Step 3

Apply GZIP & Browser caching

[Code](#)[Issues 17](#)[Pull requests 5](#)[Projects 0](#)[Wiki](#)[Pulse](#)[Graphs](#)

Branch: master ▾

[html5-boilerplate / dist / .htaccess](#)[Find file](#)[Copy path](#)

9078387 on 7 Apr 2015

 alrra Update Apache Server Configs to `v2.14.0`

1 contributor

985 lines (781 sloc) | 38.8 KB

[Raw](#)[Blame](#)[History](#)

```
1 # Apache Server Configs v2.14.0 | MIT License
2 # https://github.com/h5bp/server-configs-apache
3
4 # (!) Using `.htaccess` files slows down Apache, therefore, if you have
5 # access to the main server configuration file (which is usually called
6 # `httpd.conf`), you should add this logic there.
7 #
8 # https://httpd.apache.org/docs/current/howto/htaccess.html.
9
10 ######
11 # # CROSS-ORIGIN
12 ######
13
14 # -----
```

Step 4

Optimise Typography

Tk Adobe Typekit

Embed Code | Kit Settings

Default
All Characters
Language Subsetting
OpenType Features

Adelle by TypeTogether

AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoP...

Le Monde Livre Classic Std Swash by Typofonderie

AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoP...

Weights & Styles 14/14

Include these in your kit:

- Thin 29K
- Thin Italic 28K
- Light 34K
- Light Italic 32K
- Regular 34K
- Italic 32K
- Semibold 35K
- Semibold Italic 32K
- Bold 34K
- Bold Italic 29K
- Extra Bold 30K
- Extra Bold Italic 28K
- Heavy 29K
- Heavy Italic 27K

Using weights & styles in your CSS

CSS Stack

Kit Size: 462K 4 fonts, 4 selectors, for Adobe's site site

Publish

4 Families Selected

Your Selection Clear All

Roboto Condensed Oswald Source Sans Pro Raleway

EMBED CUSTOMIZE Load Time Slow

Roboto Condensed

- light 300
- light 300 Italic
- regular 400
- regular 400 Italic
- bold 700
- bold 700 Italic

Source Sans Pro

- extra-light 200
- extra-light 200 Italic
- light 300
- light 300 Italic
- regular 400
- regular 400 Italic
- semi-bold 600
- semi-bold 600 Italic
- bold 700
- bold 700 Italic

Tk Adobe Typekit

Embed Code | Kit Settings

Adelle by TypeTogether

AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoP...

Le Monde Livre Classic Std Swash by Typofonderie

Aa'BbCc'DdEeFfGgHhIiJjKkLlMmNnOoP...

Weights & Styles 3/14

Include these in your kit:

- Thin 29K
- Thin Italic 28K
- Light 34K
- Light Italic 32K
- Regular 34K
- Italic 32K
- Semibold 35K
- Semibold Italic 32K
- Bold 34K
- Bold Italic 29K
- Extra Bold 30K
- Extra Bold Italic 28K
- Heavy 29K
- Heavy Italic 27K

Using weights & styles in your CSS

CSS Stack

Kit Size: 132K 4 fonts, 4 selectors, for Adobe's site site

Publish

4 Families Selected

Your Selection Clear All

Roboto Condensed Oswald Source Sans Pro Raleway

EMBED CUSTOMIZE Load Time Fast

Roboto Condensed

- light 300
- light 300 Italic
- regular 400
- regular 400 Italic
- bold 700
- bold 700 Italic

Source Sans Pro

- extra-light 200
- extra-light 200 Italic
- light 300
- light 300 Italic
- regular 400
- regular 400 Italic
- semi-bold 600
- semi-bold 600 Italic
- bold 700
- bold 700 Italic

```
body {  
    font-family: -apple-system,  
    BlinkMacSystemFont,  
    "Segoe UI",  
    Roboto,  
    Oxygen-Sans,  
    Ubuntu,  
    Cantarell,  
    "Helvetica Neue",  
    sans-serif;  
}
```

Systems Fonts Saved 574KB



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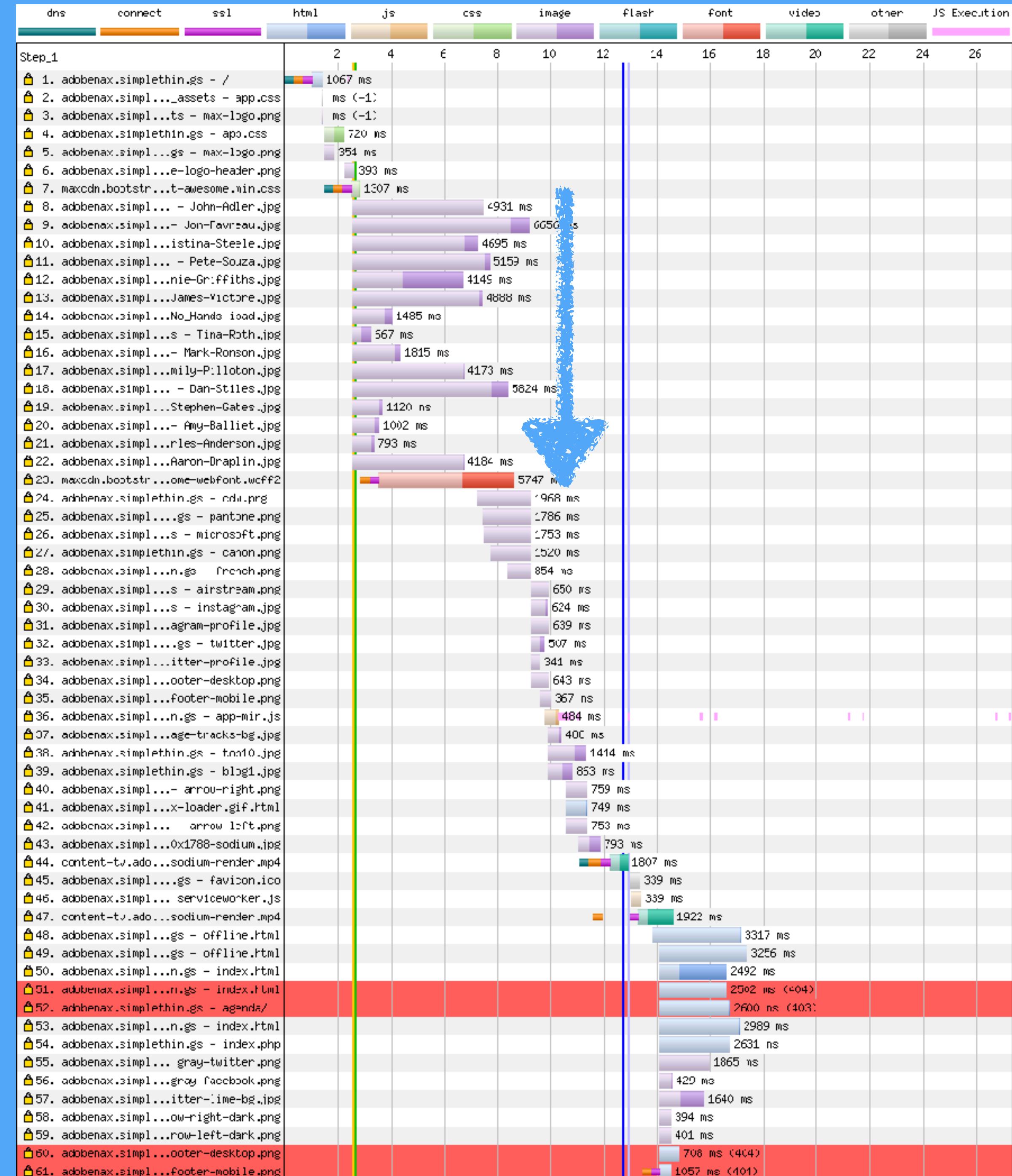
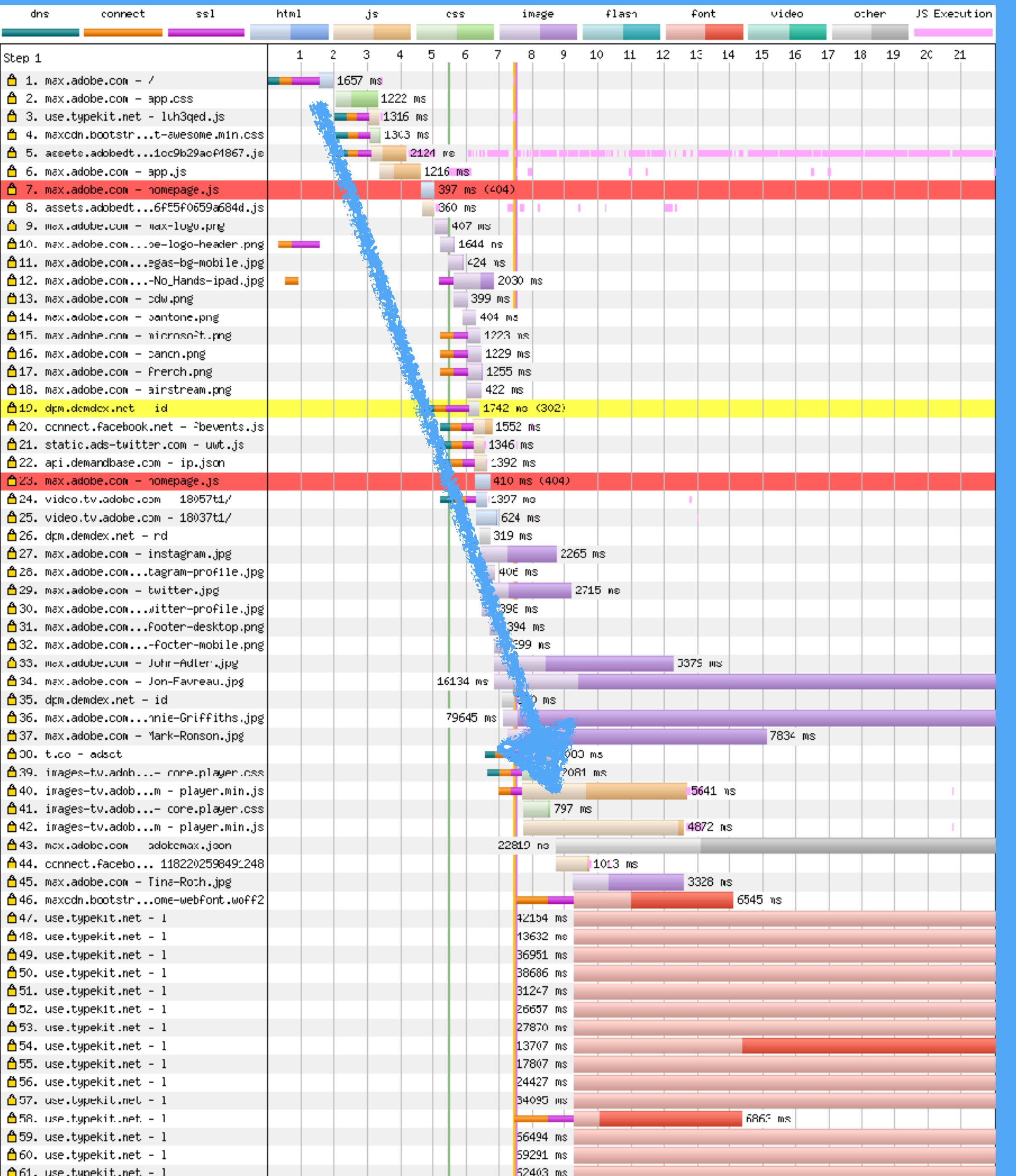
OCTOBER 18–20, 2017, LAS VEGAS, NEVADA

PRECONFERENCE OCTOBER 16–17

Step 5

here
HTTP2 is coming

Turn. It. On.



Step 6

HTTP2 PUSH

MOON



EARTH

YOU ARE HERE

151,721,929.8 km ▾



HTTP2 PUSH

```
header("Link: <_assets/app.css>; rel=preload;  
as=style", false);  
header("Link: <_assets/images/global/max-  
logo.png>; rel=preload; as=image", false);  
echo '<div id="headers-sent"></div>';
```

HTTP2 PUSH

```
header("Link: <assets/app.css>; rel=preload;  
as=style", false);  
header("Link: <assets/images/global/max-  
logo.png>; rel=preload; as=image", false);  
echo '<div id="headers-sent"></div>';
```

Step 7

What is a video worth?



Organic Shape Morph Ideas

Recreated from Kévin Lagier's design

Fluid Life



#demo 3

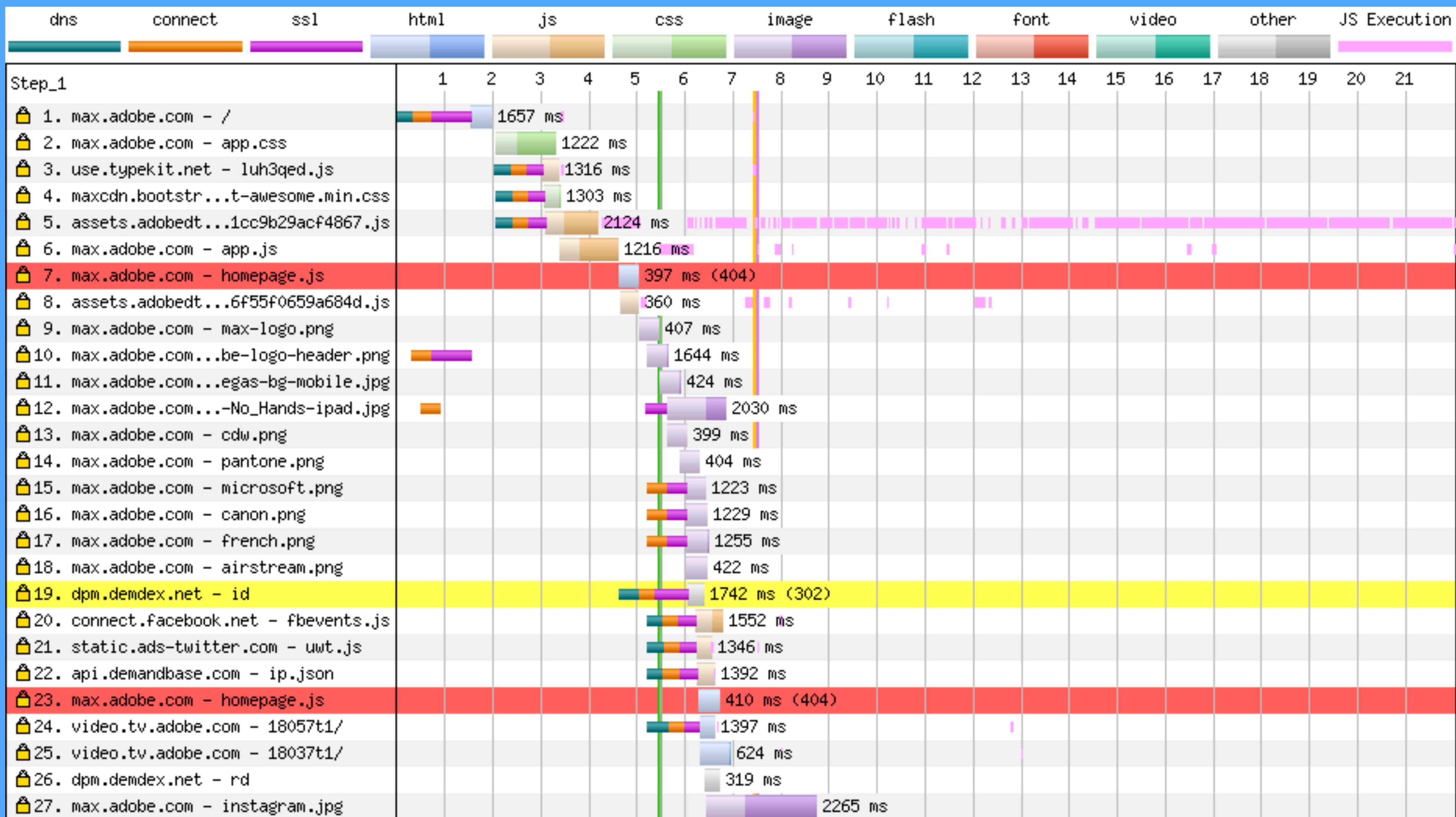


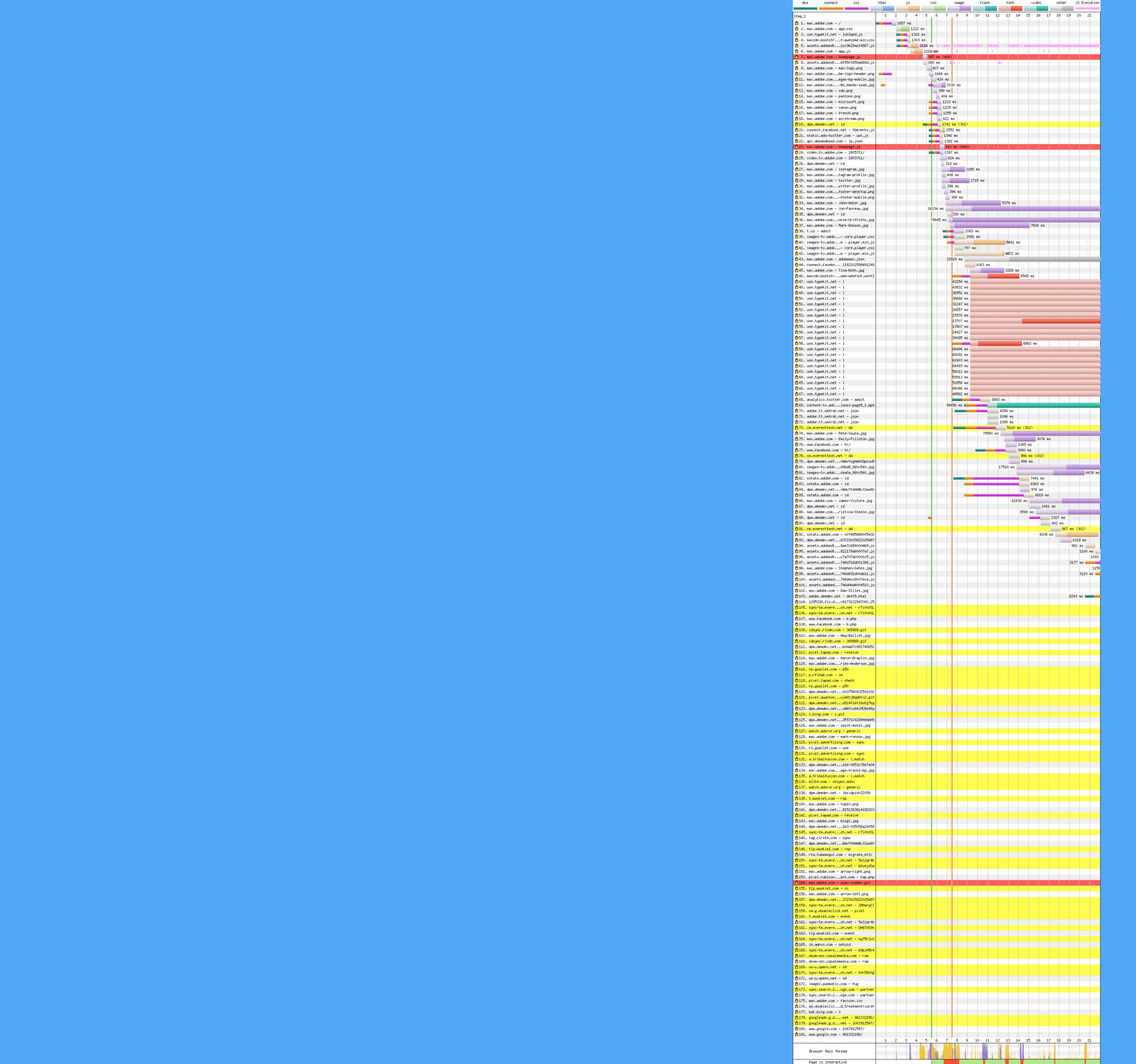
Responsive Design in 2018

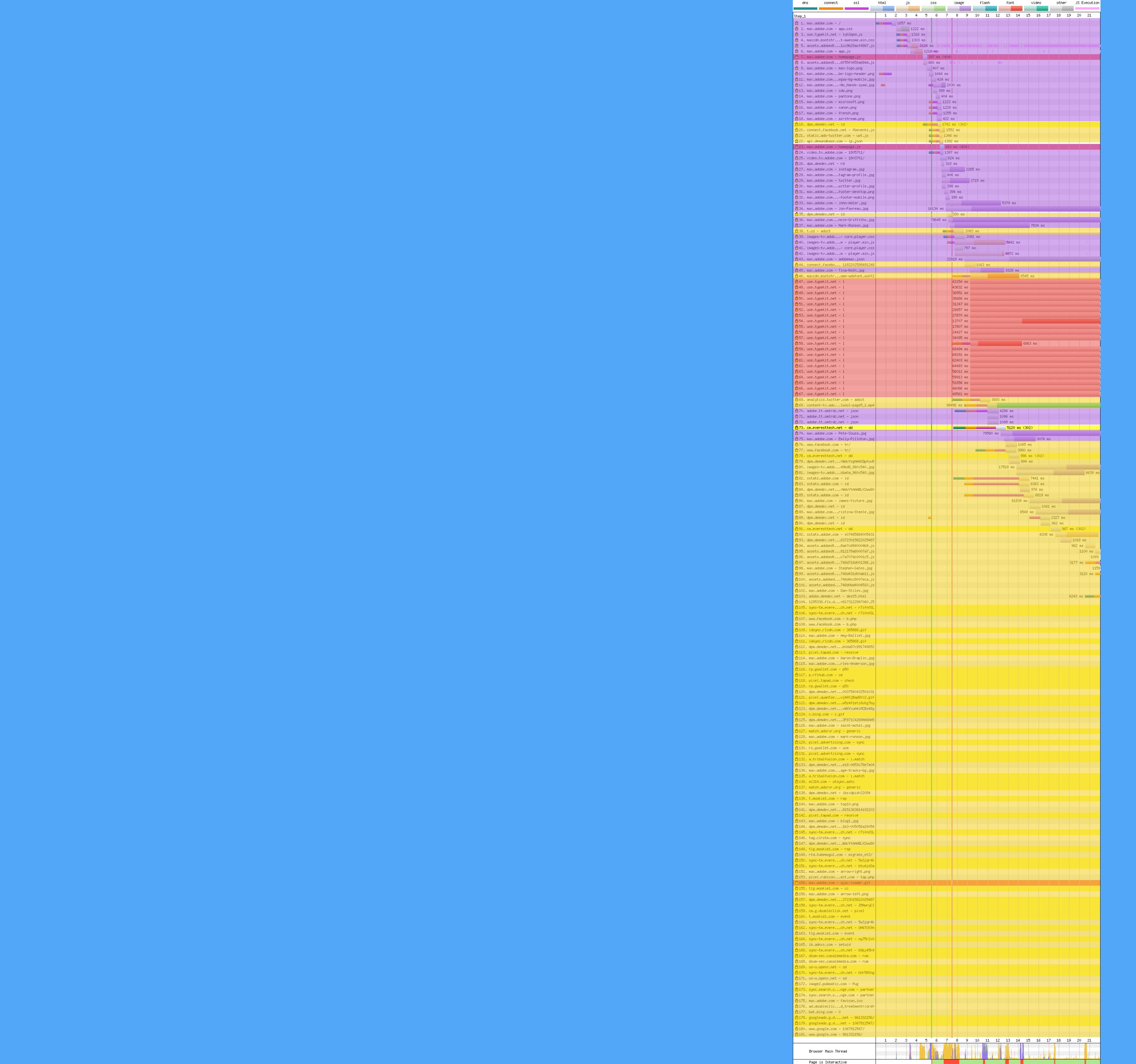
<https://tympanus.net/Development/ShapeMorphIdeas/index3.html>

Step 8









Step 9

Monitoring

RENDERING TIMES

Notes

Start Render

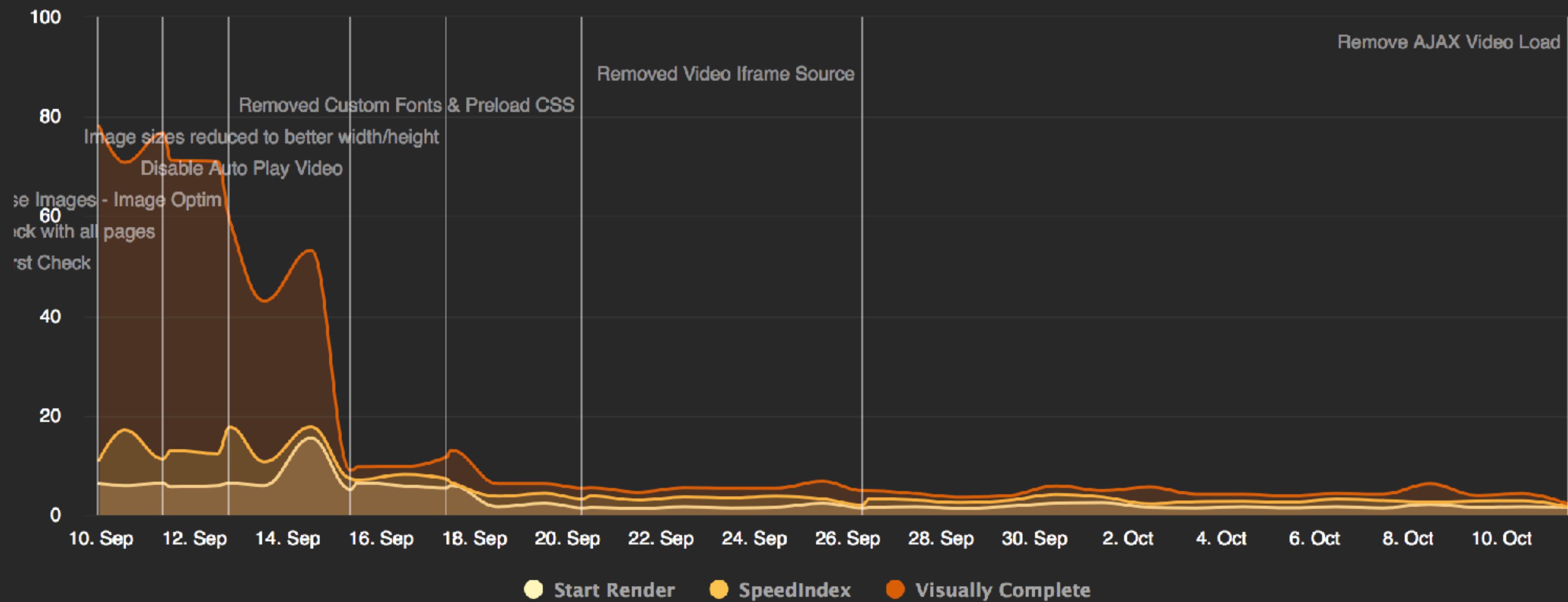
1.68s

SpeedIndex

3.62s

Visually Complete

5.5s



START RENDER TIME BUDGET

Notes

Current Start Render Time

1.57s

Start Render Time Budget

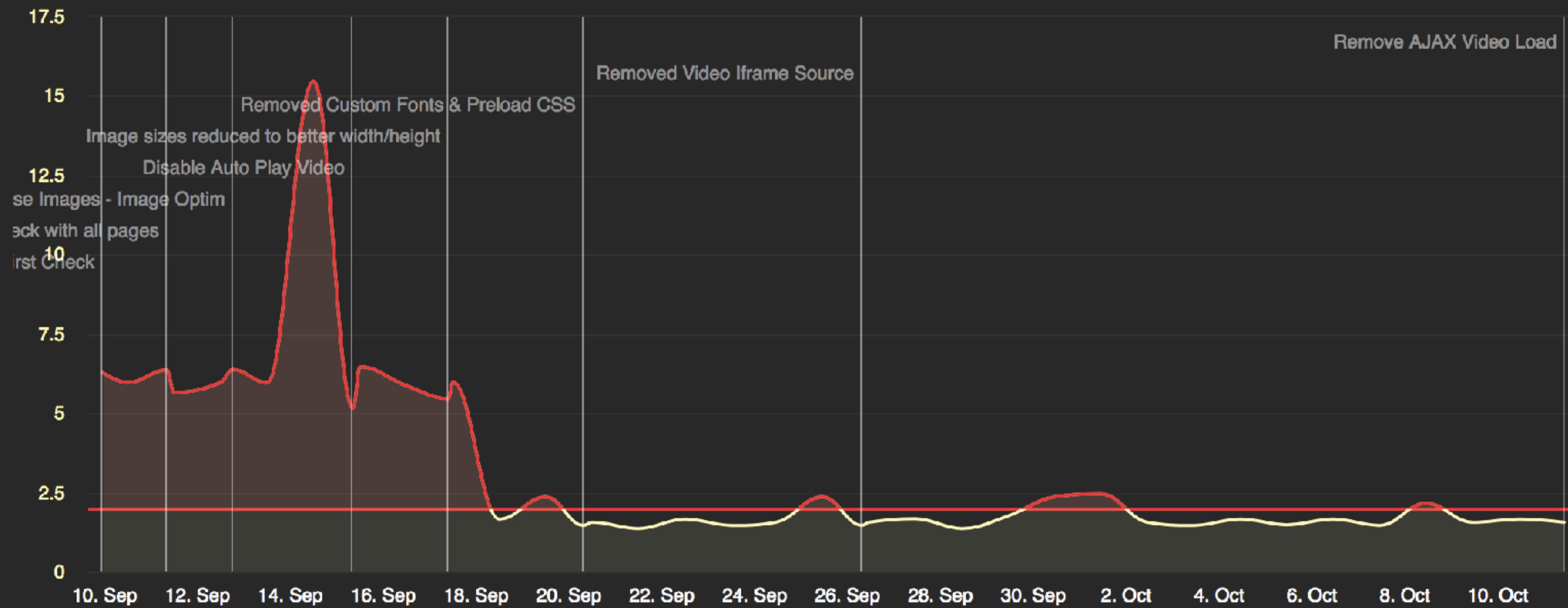
2s

Decrease over 90 days
(-75%)

-4.71s

Remaining budget (21%)

0.43s



FONTS SIZE BUDGET

Notes

Current Fonts Size

76KB

Fonts Size Budget

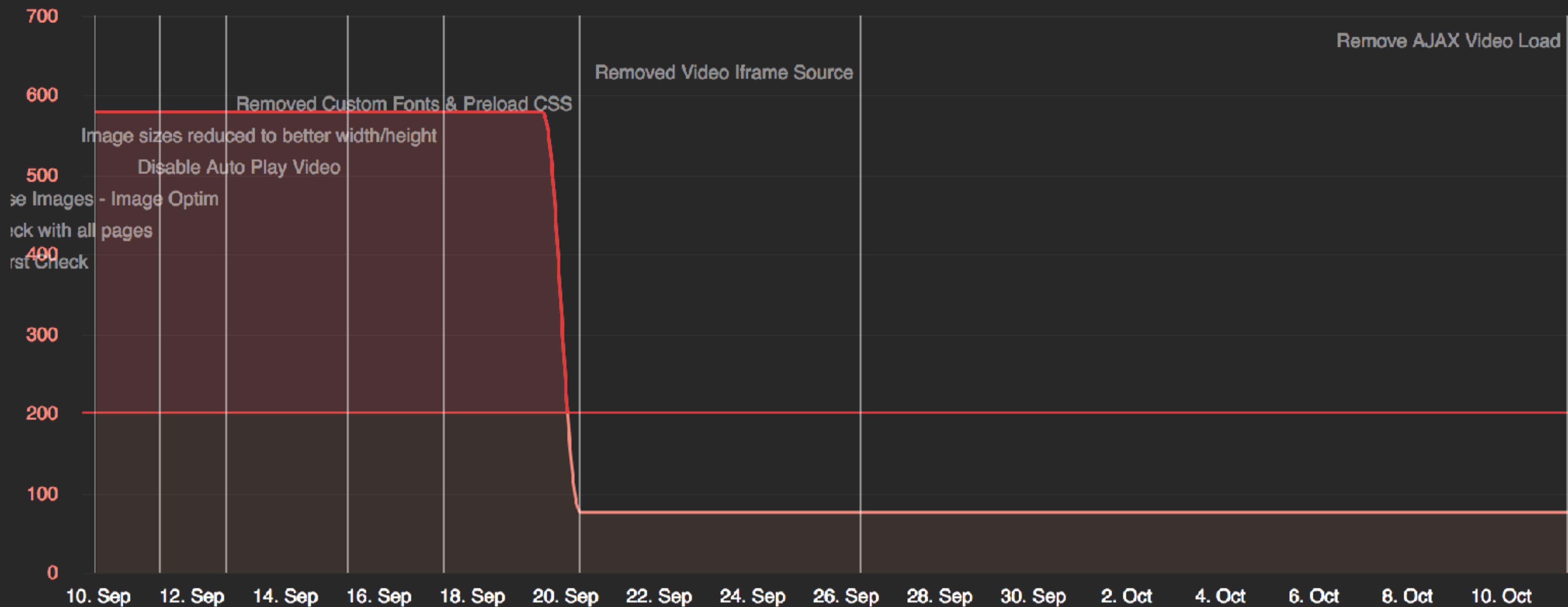
200KB

Decrease over 90 days
(-87%)

-503KB

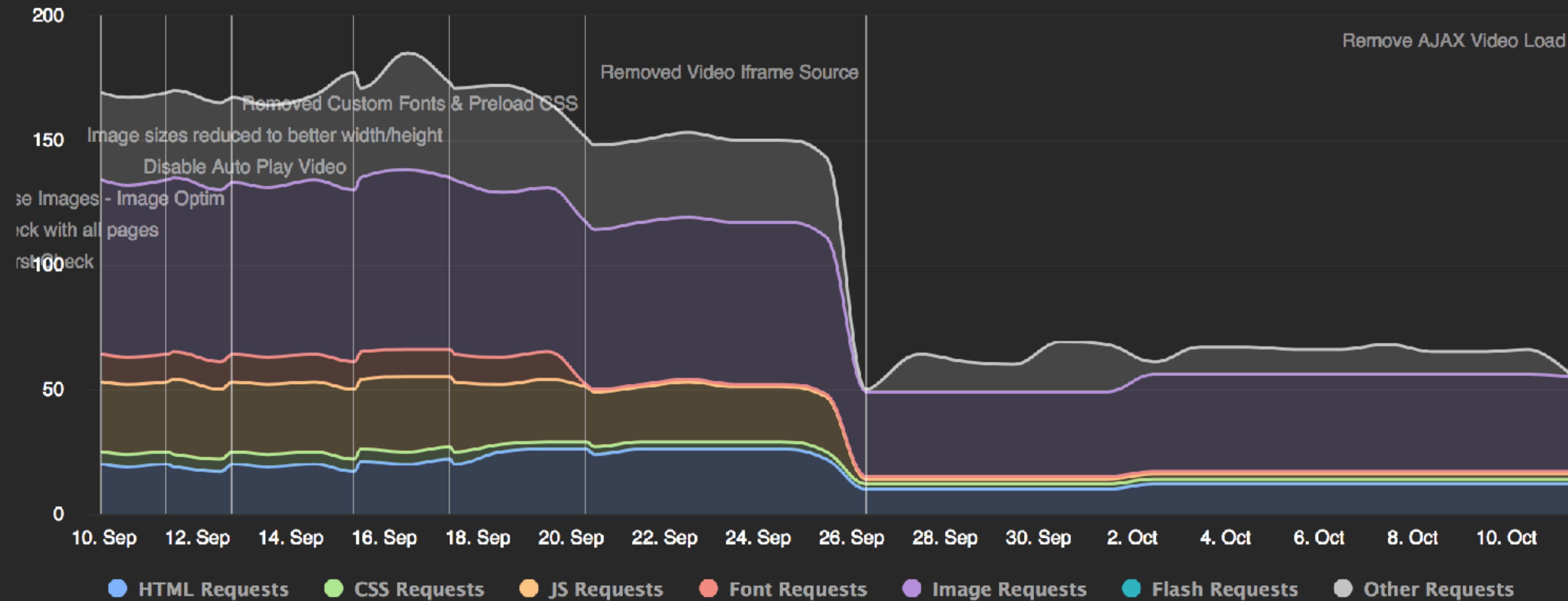
Remaining budget (62%)

124KB



CONTENT REQUESTS

Notes



SITE: ADOBE MAX (NEW) AND HOME IN CHROME IN US WEST COAST LAST 3 MONTHS ▾

[ADOBE MAX](#)[ADOBE MAX \(NEW\)](#)[BLOG](#)[FAQS](#)[HOME](#)[SCHEDULE](#)[SESSION TRACKS](#)[SPEAKERS](#)[APPLE IPHONE 6](#)[CHROME](#)[VERY BAD NETWORK](#)[US WEST COAST](#)[IRELAND](#)[SINGAPORE](#)[AUSTRALIA](#)[BRAZIL](#)[3 DAYS](#)[7 DAYS](#)[1 MONTH](#)[3 MONTHS](#)[LAST YEAR](#)[CUSTOM DATES](#)[GO](#)



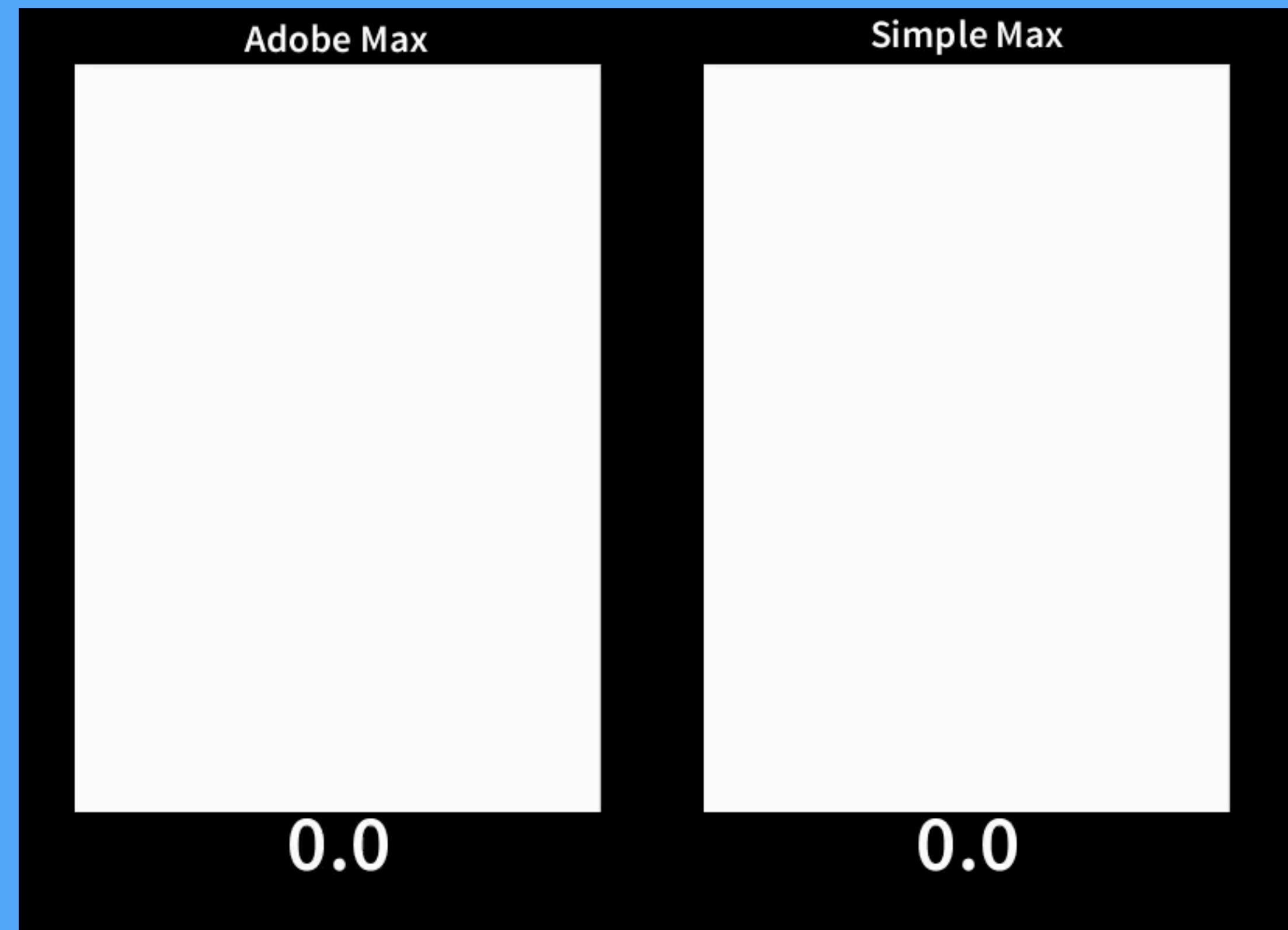
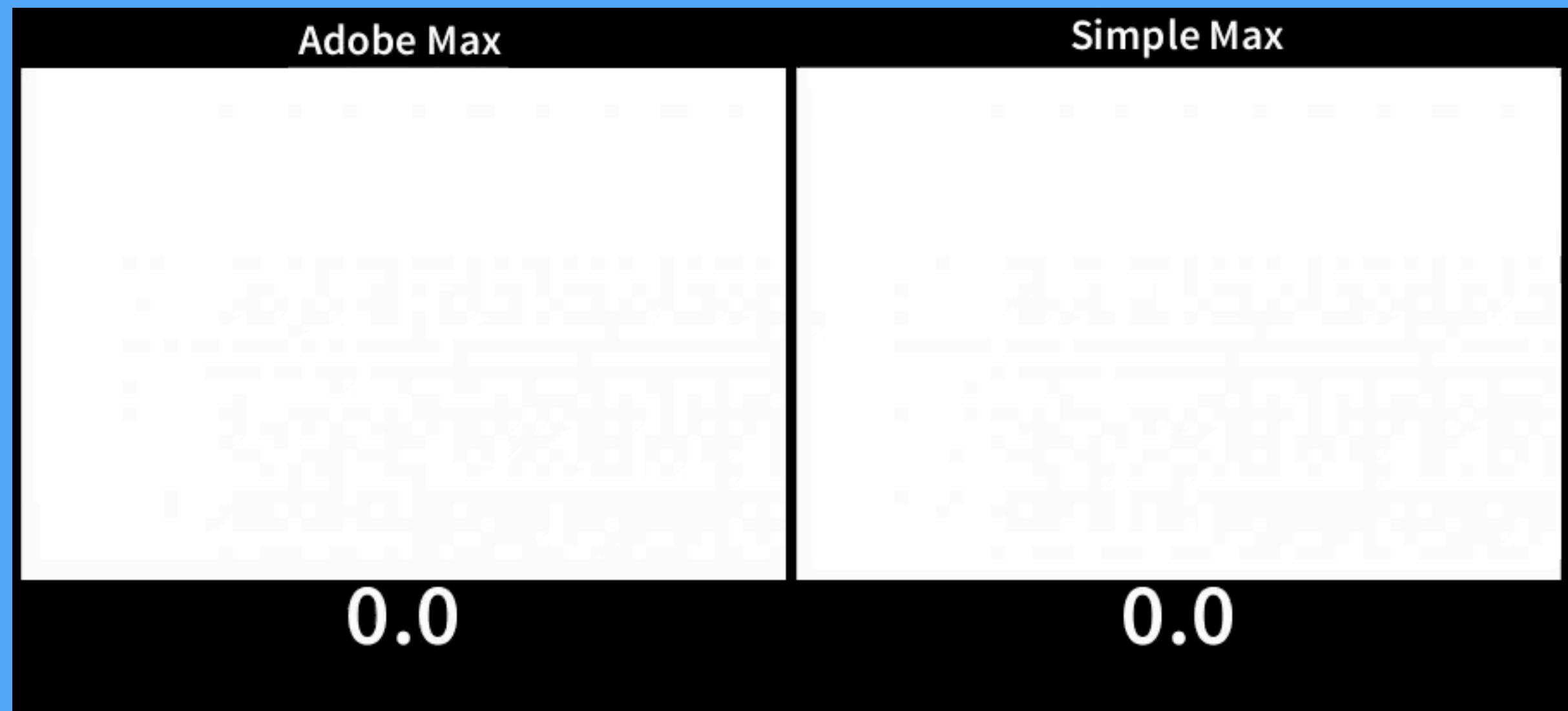
Speed Curve



SiteSpeed.io



Speed Tracker



~~CSS Grid Layout~~

~~Faster Websites~~

Offline / PWAs

Cool Sh*tuff

Offline / PWAs

PWA

- Provide an offline experience
- Prompt users to add your ‘app’ to the home screen
- Available through the app store
- Available literally by just visiting a website



Unable to connect to the Internet

Person 1

<https://www.theguardian.com/info#1-across>

free become a member sign in search jobs more UK edition

theguardian

home > home UK world politics sport football opinion culture business all

Unable to connect to the Internet

In the meantime, how about a quick crossword?

Quick crossword No 14,188

1	A	L	2	B	I	3	O	N		4	5	6	7
9													

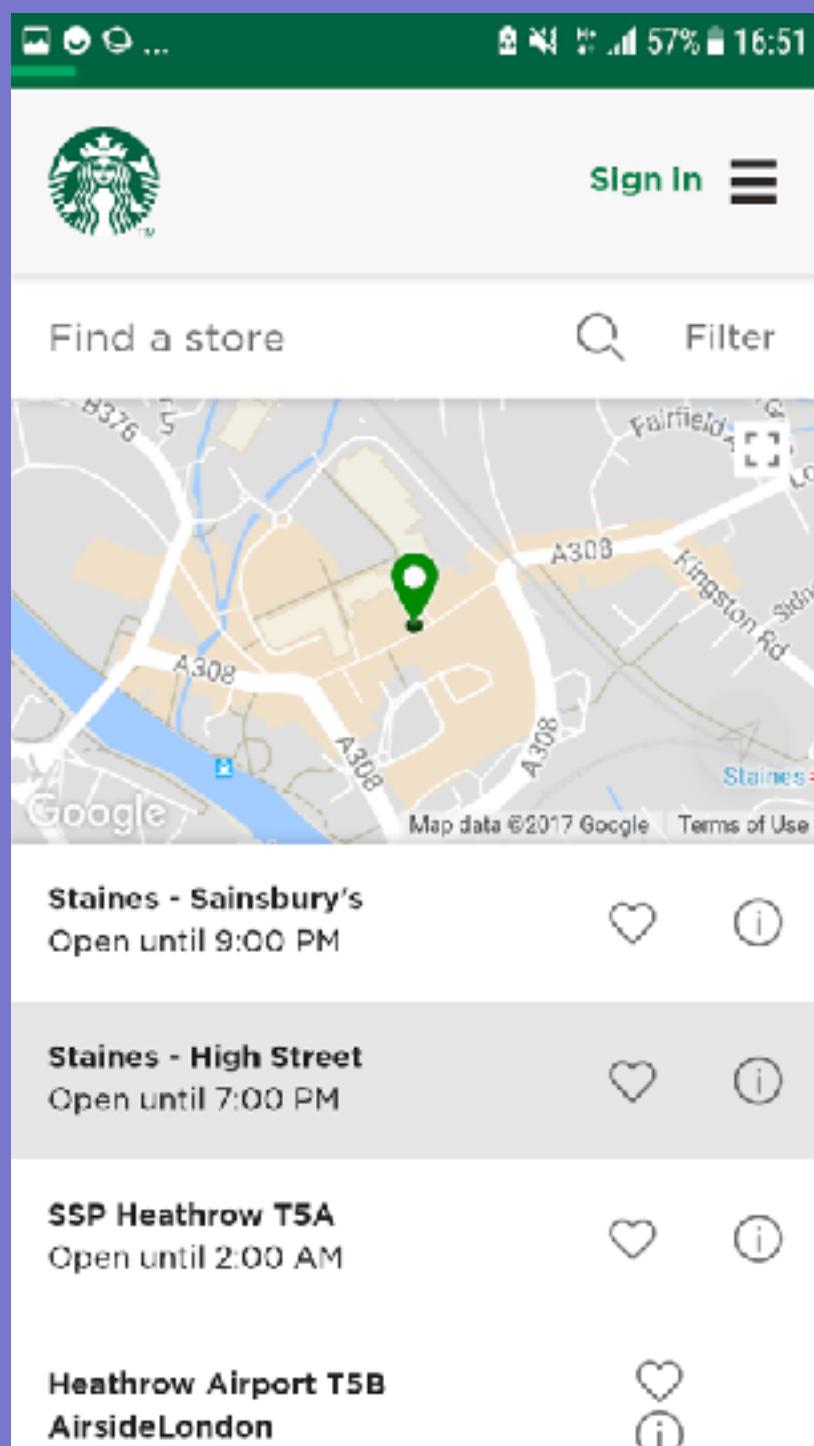
Across

1 Poetic name for Britain (6)

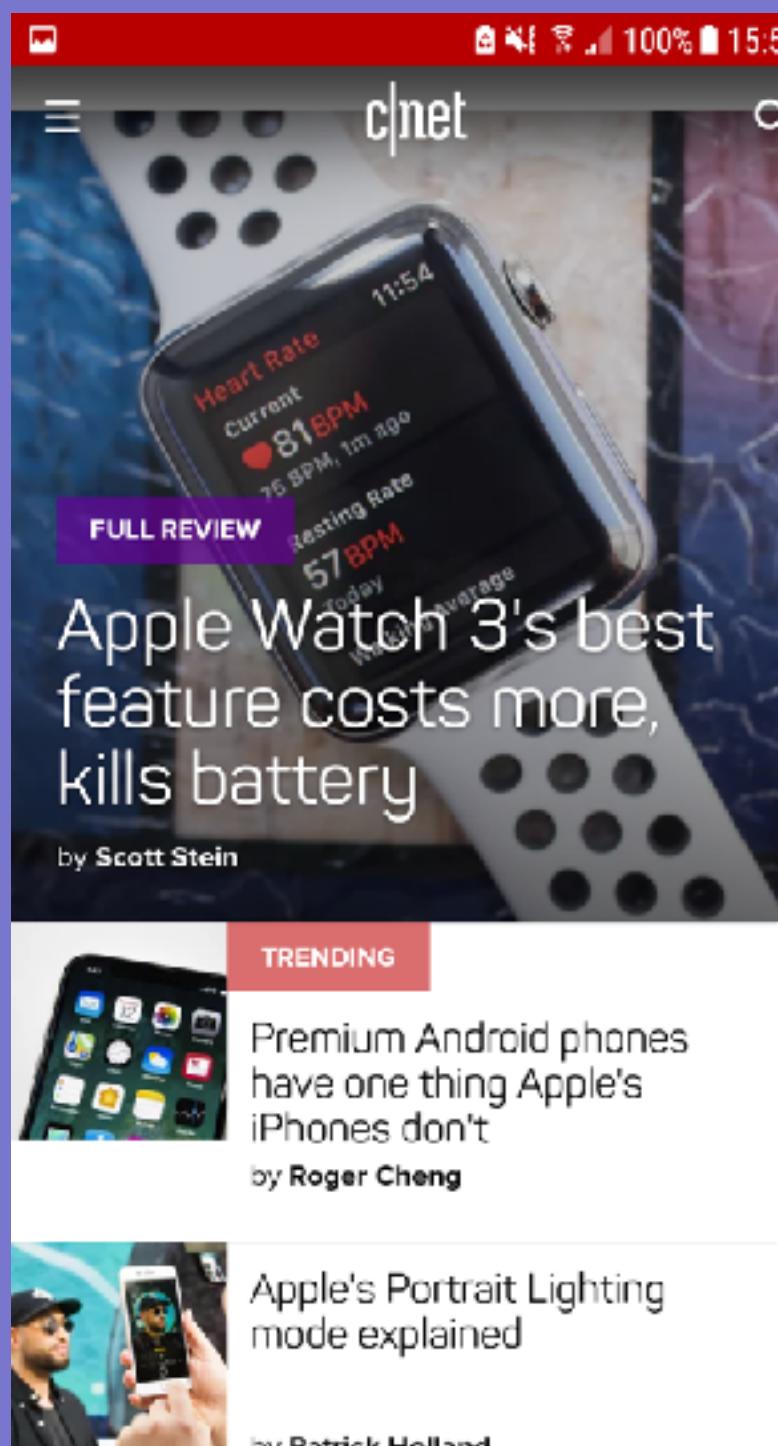
4 Unpowered aircraft (6)

9 British royal house from 1714 (7)

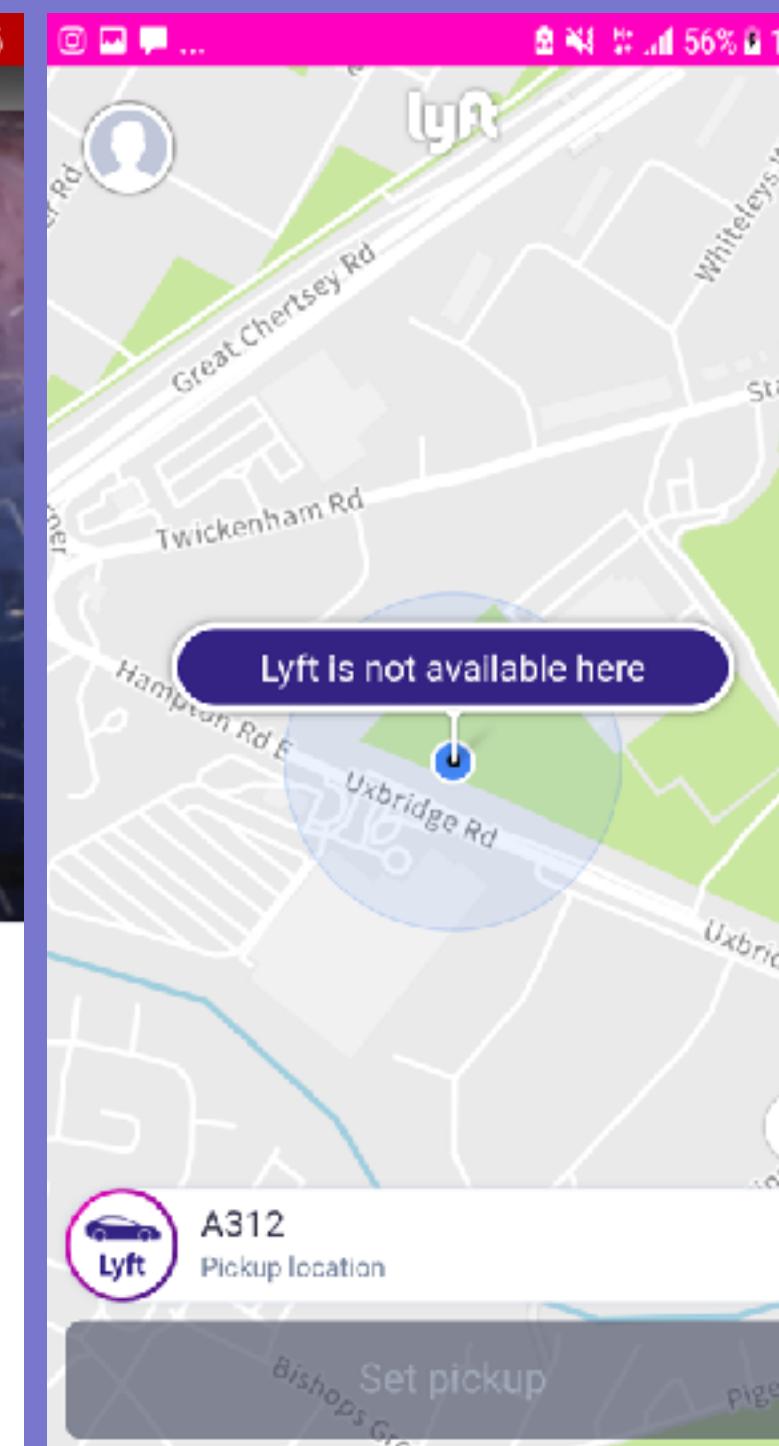
Companies using PWAs



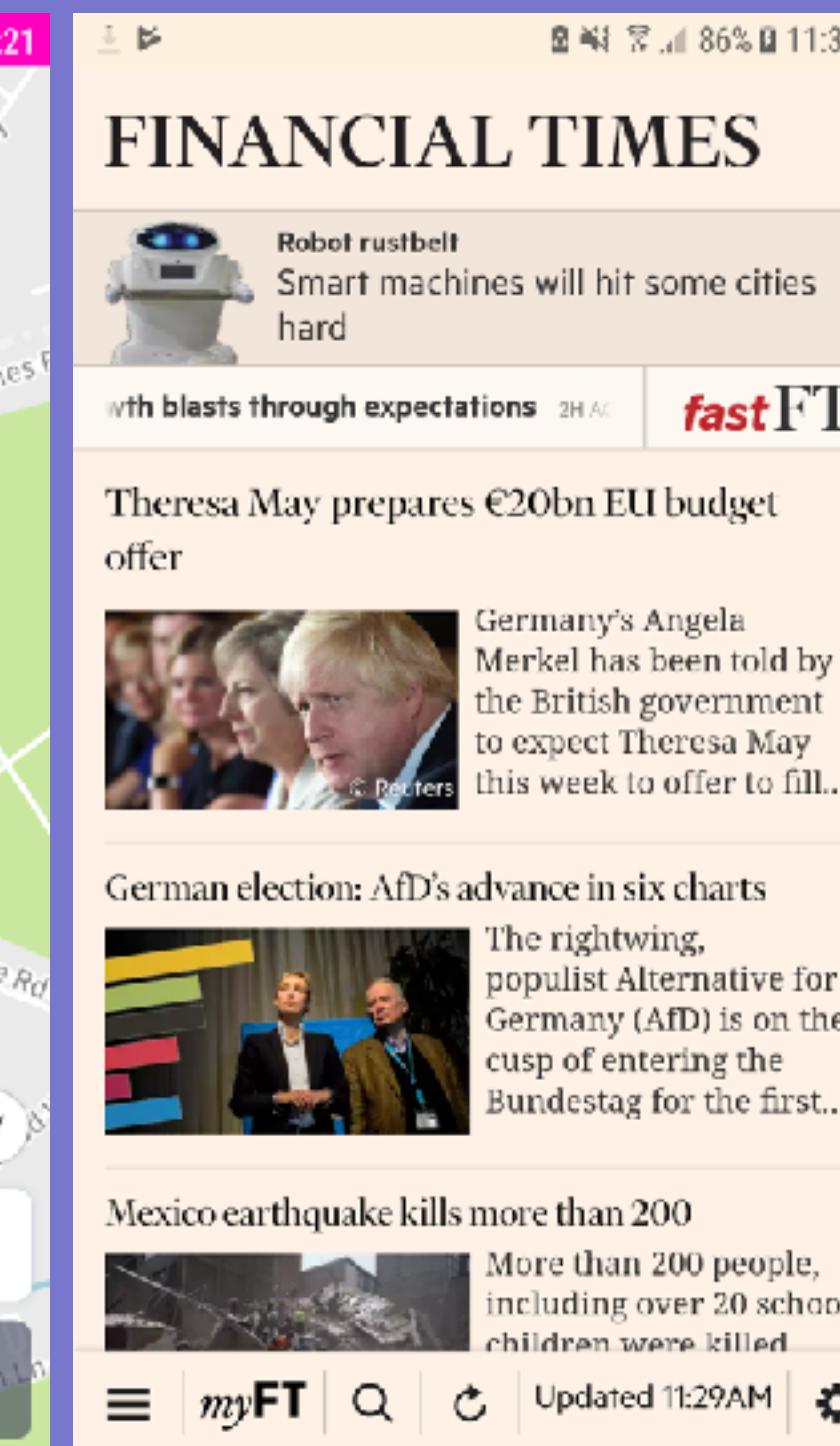
Starbucks



Cnet



Lyft



FT

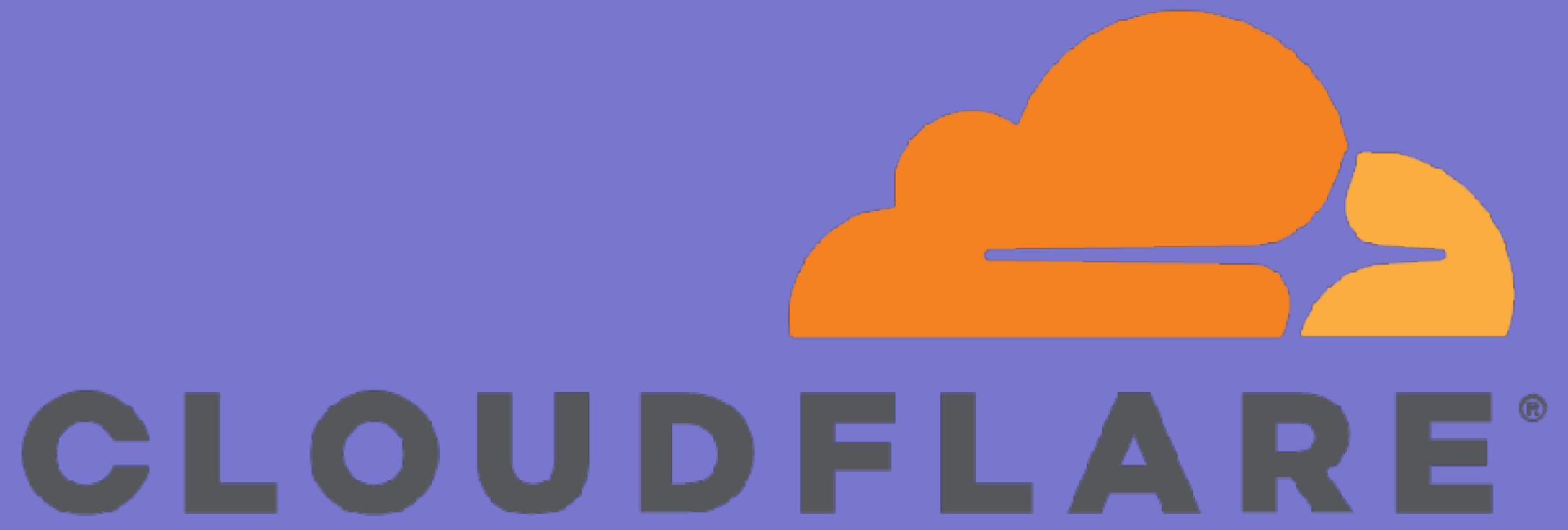


Twitter



NASA

Step 1: HTTPS

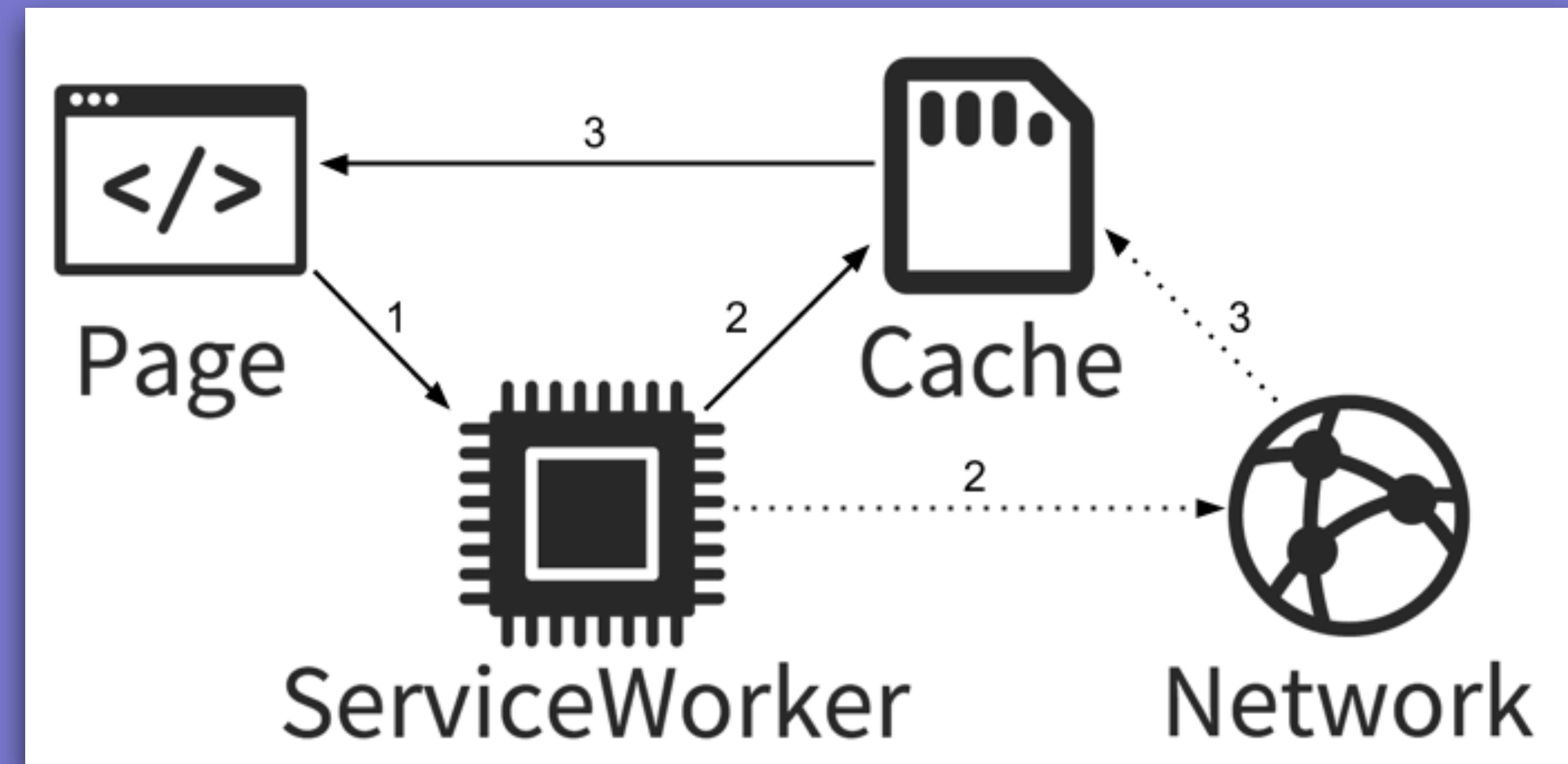


Step 2: manifest.json

Step 2: manifest.json

```
{  
  "short_name": "AdobeMax",  
  "name": "Adobe Max 2017 Conference",  
  "icons": [  
    {  
      "src": "launcher-icon-1x.png",  
      "type": "image/png",  
      "sizes": "48x48"  
    },  
    {  
      "src": "launcher-icon-2x.png",  
      "type": "image/png",  
      "sizes": "96x96"  
    },  
    {  
      "src": "launcher-icon-4x.png",  
      "type": "image/png",  
      "sizes": "192x192"  
    }  
  ],  
  "start_url": "index.html?launcher=true"  
}
```

Step 3: Add a serviceworker.js



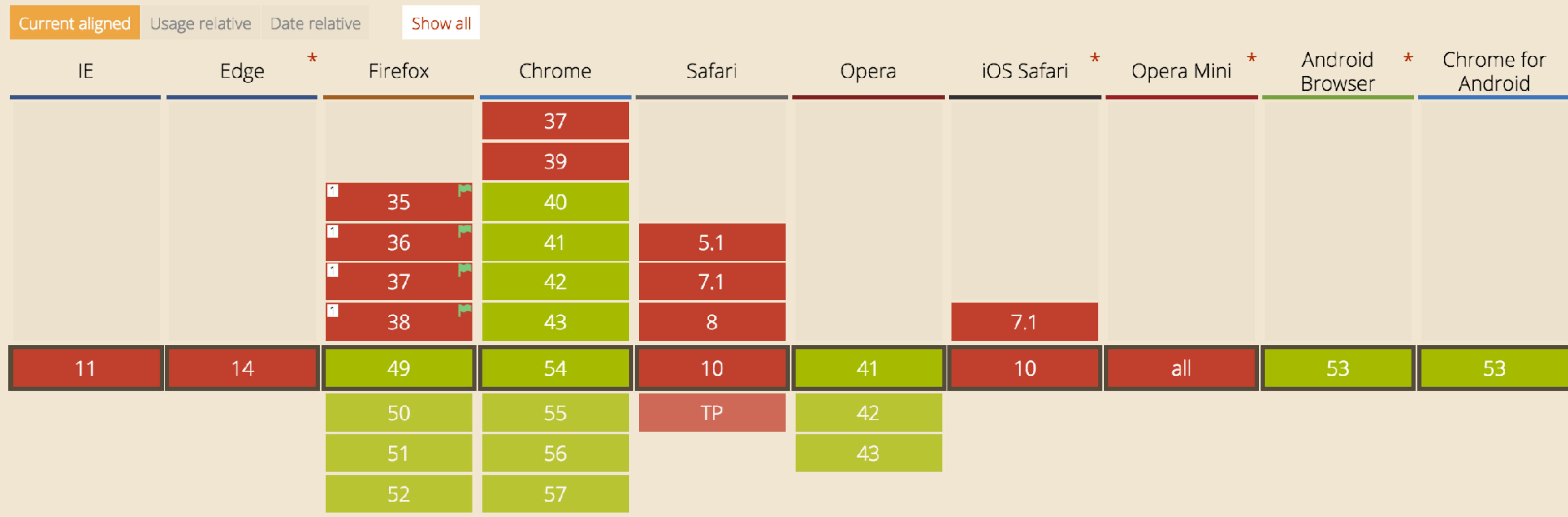
brieferhistoryoftime.com

adobemax.simplethings

Service Workers - WD

Method that enables applications to take advantage of persistent background processing, including hooks to enable bootstrapping of web applications while offline.

responsivedesign.is	0% + 56.94%	=	56.94%
Global	0% + 60.7%	=	60.7%
U.K.	0% + 58.1%	=	58.1%



~~CSS Grid Layout~~

~~Faster Websites~~

~~Offline / PWAs~~

~~Cool Sh*tuff~~

Cool Sh*tuff

Call us: 0800 108 8824

Email: info@ellipseeenergy.co.uk

Menu 



Who we are

A leading **provider of energy efficiency services**, Ellipse Energy is at the heart of **creating a more energy efficient, comfortable and sustainable** environment.

Call us: 0800 108 8824 Email: info@ellipseeenergy.co.uk

Menu 



Who we are

A leading **provider of energy efficiency services**, Ellipse Energy is at the heart of **creating a more energy efficient, comfortable and sustainable** environment.



```
<meta name="viewport"  
content="width=device-  
width, initial-scale=1.0,  
viewport-fit=cover">
```

Call us: 0800 108 8824 Email: info@ellipseenergy.co.uk

Menu 

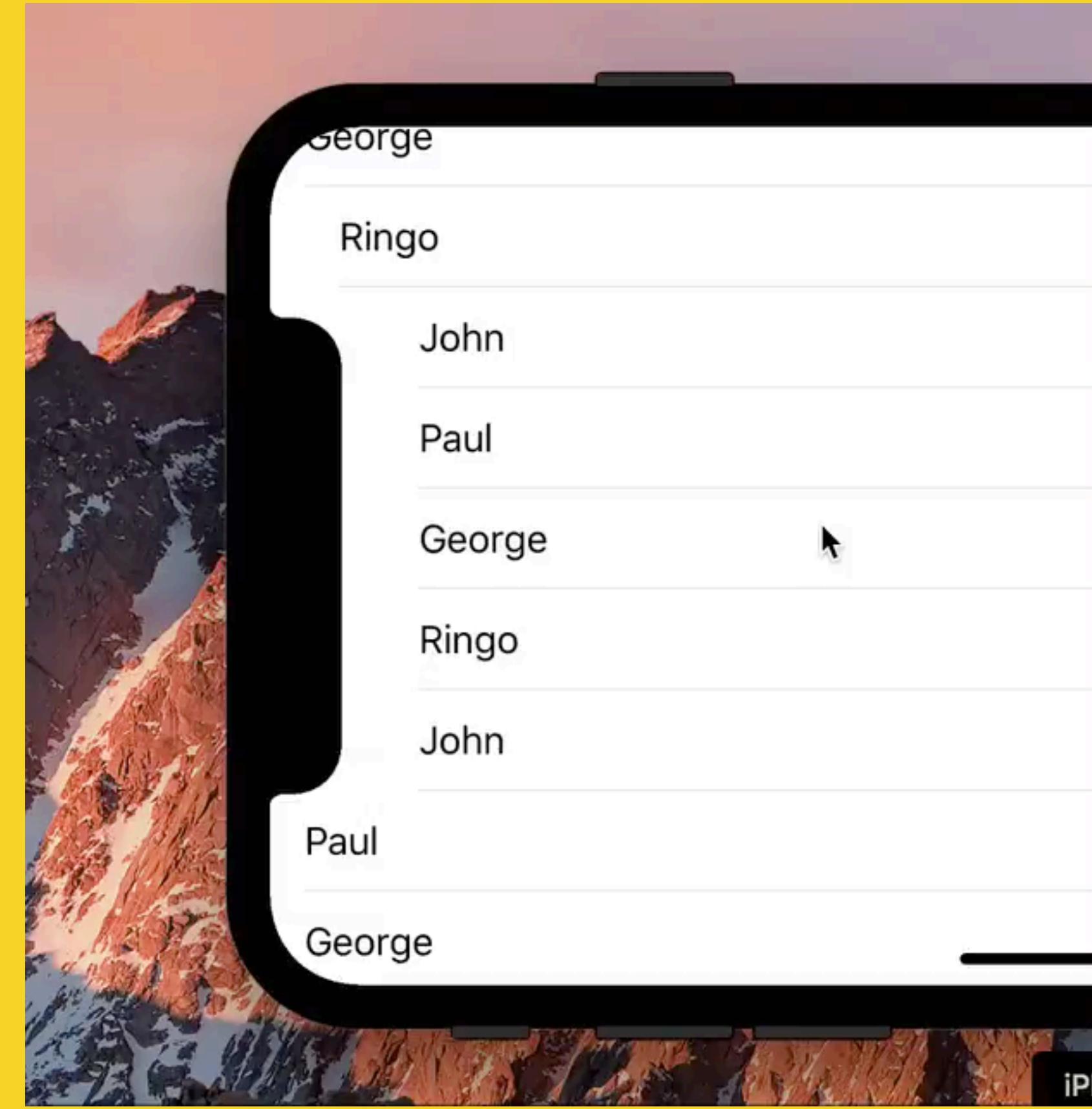


Who we are

A leading **provider of energy efficiency services**,
Ellipse Energy is at the heart of **creating a more
energy efficient, comfortable and sustainable
environment** for all our clients.

```
padding: constant(safe-area-inset-top)  
constant(safe-area-inset-right) constant(safe-  
area-inset-bottom) constant(safe-area-inset-  
left);
```

<https://drafts.csswg.org/css-round-display/#viewport-fit-descriptor>



https://twitter.com/vojtaставик/status/907911237983449088?ref_src=twsrc%5Etfw&ref_url=https%3A%2F%2Fcss-tricks.com%2Fthe-notch-and-css%2F

Web VR

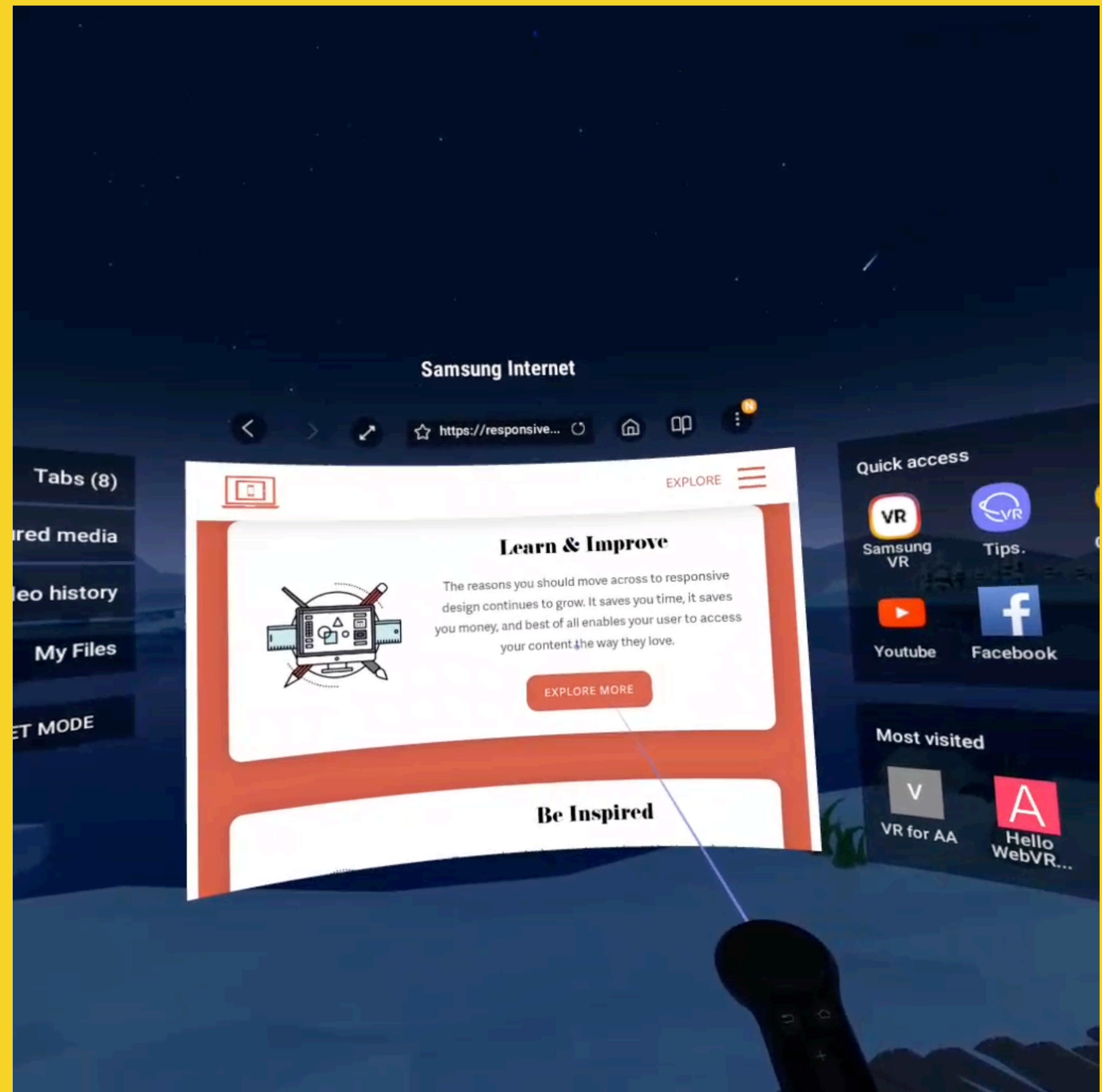


Hologram

All-in-one WebVR creation.

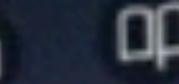
GREAT! LET'S GO!

hologram.cool



Samsung Internet

https://responsive...



EXPLORE



Tabs (5)

Featured media

Video history

My Files

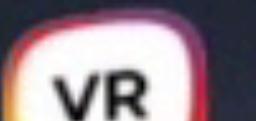
TURN ON SECRET MODE



Searching for media-queries

No results

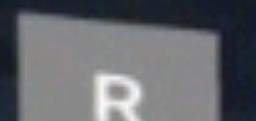
Quick access



Samsung VR



Youtube



Home |
Respon...

Most visited



<https://archilogic-com.github.io/aframe-gblock/>



CBC

TV

Radio

News

Sports

Music

Arts

Local

Search



LIVE

15:50, OCT 19



Watch Next



@joshcarpenter

CBC

TV

Radio

News

Sports

Music

Arts

Local

Search



LIVE

15:50, OCT 19



Tahrir Square, Cairo

Egypt
30.04°N, 21.23°W

BREAKING

California aftershocks continue

Grand jury testimony begins in McDonnell case

Ro

@joshcarpenter

CBC

TV

Radio

News

Sports

Music

Arts

Local

Search



LIVE

15:50, OCT 19



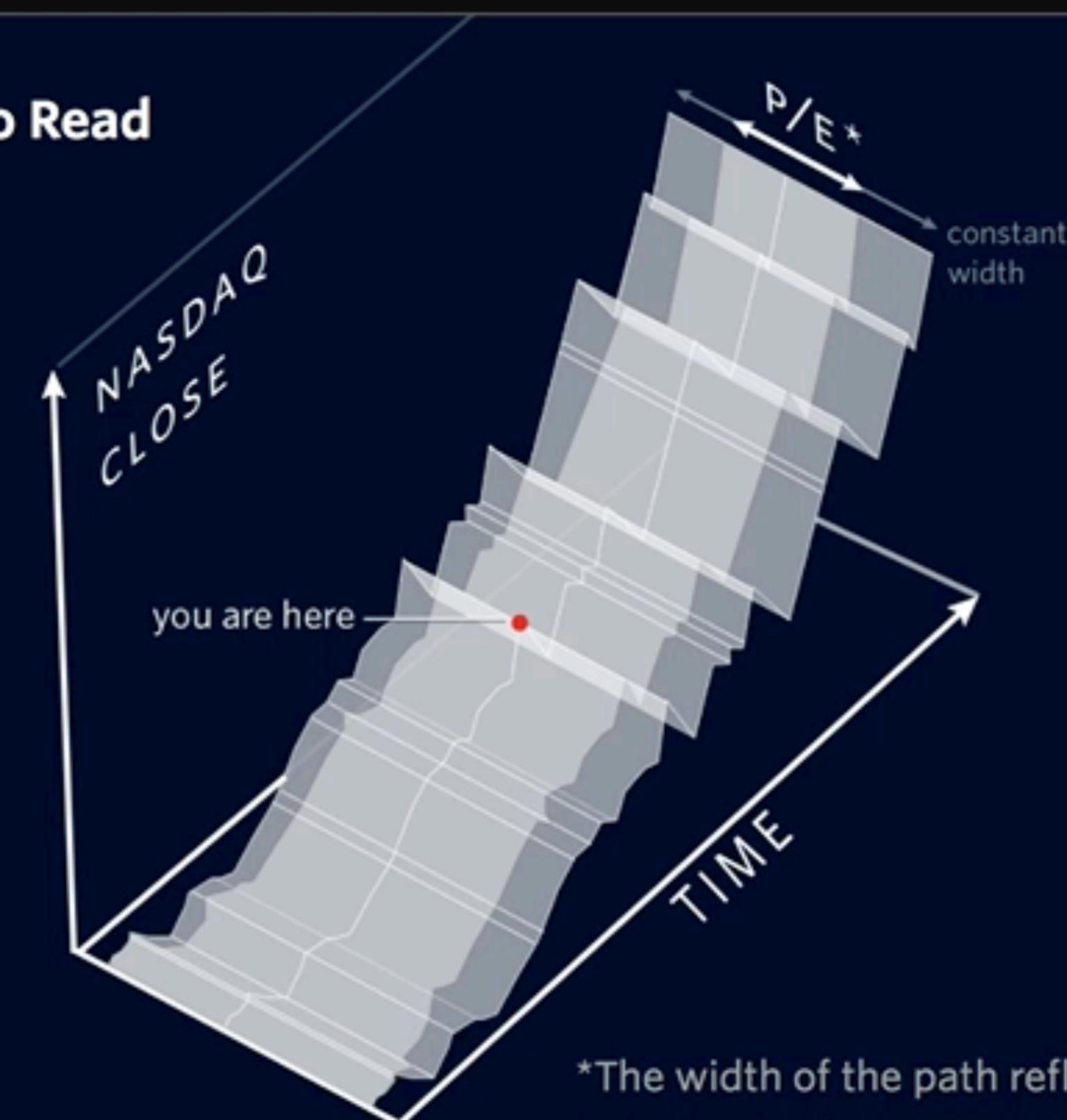
BREAKING

California aftershocks continue

Grand jury testimony begins in McDonnell case

Ro

@joshcarpenter

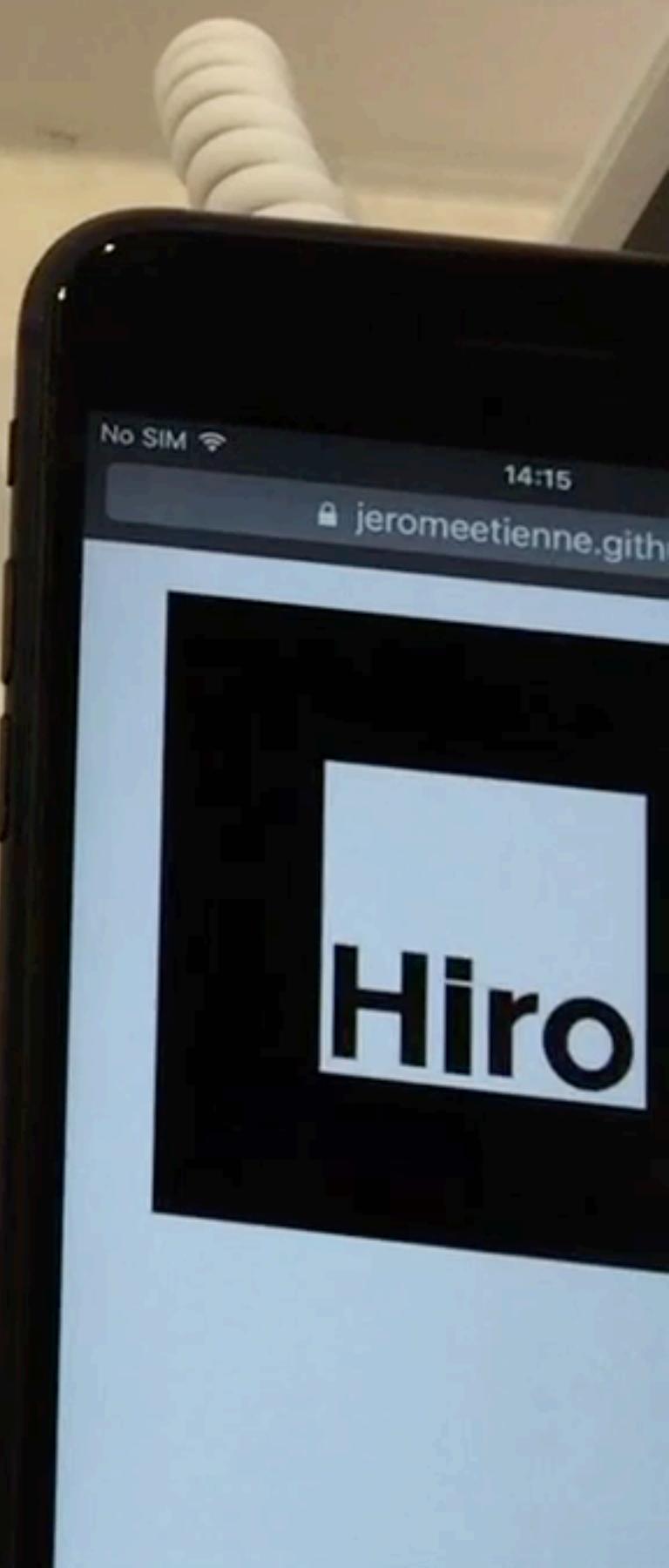
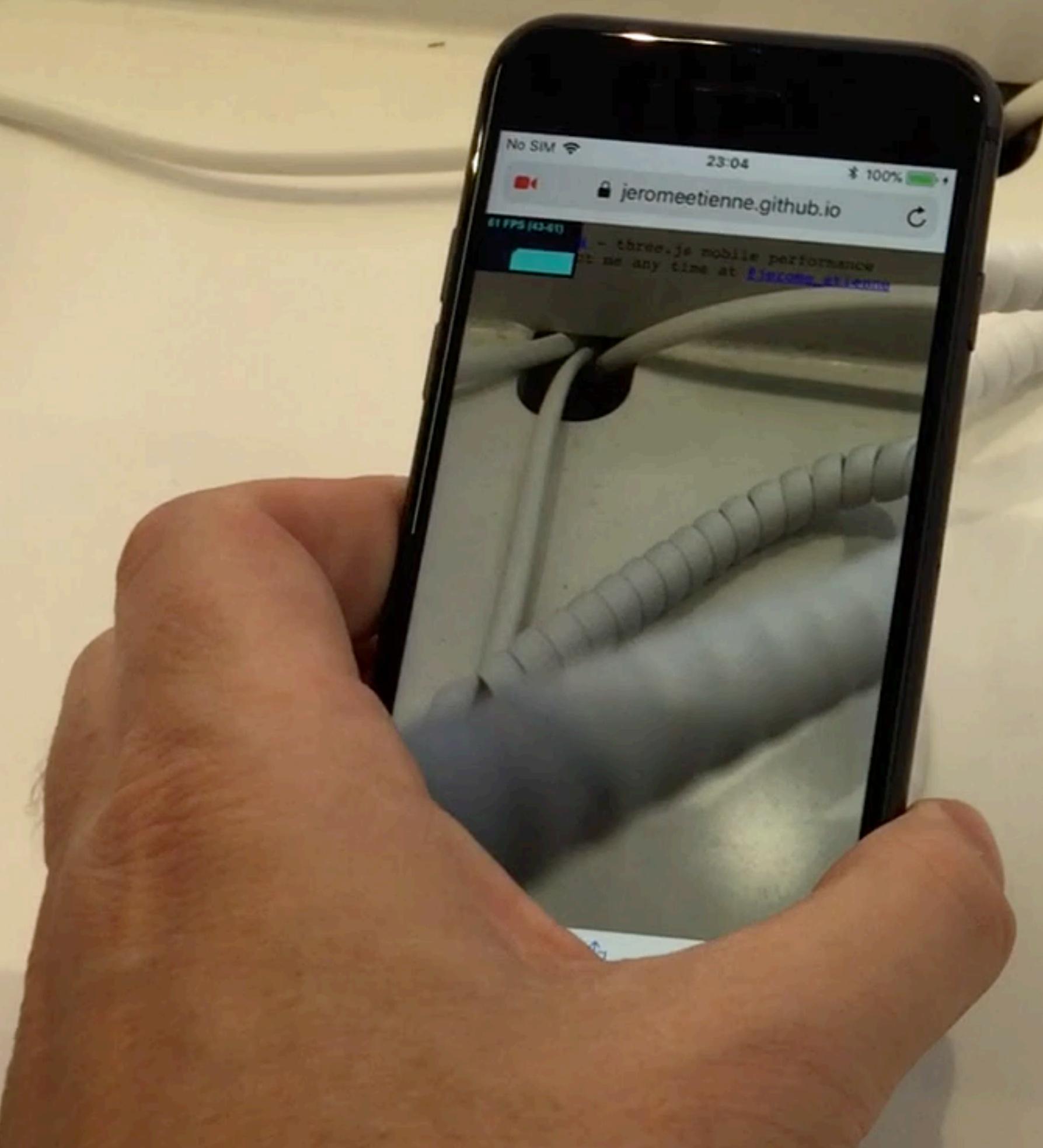
How to Read

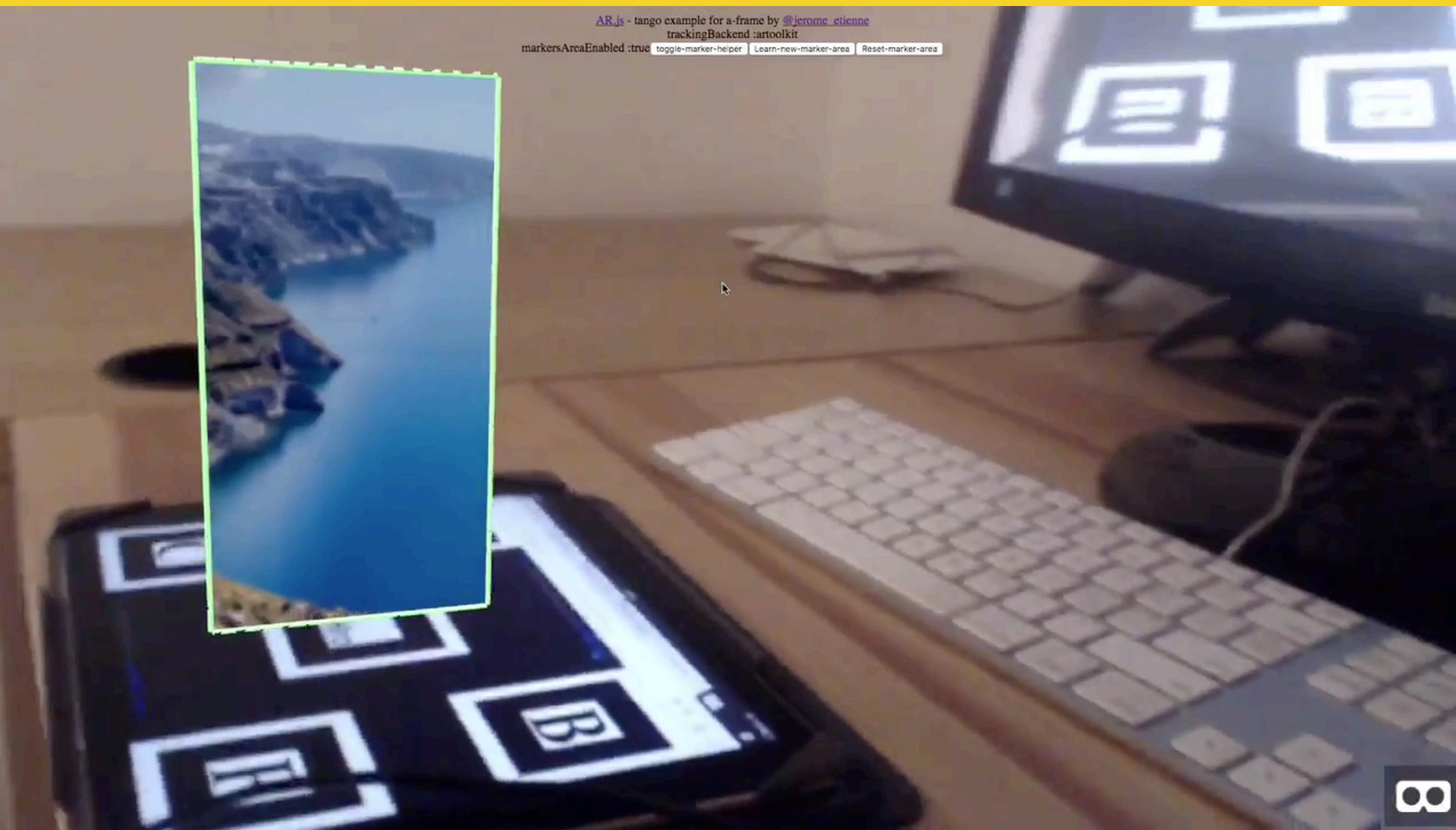
*The width of the path reflects the index's price/earnings ratio, with a narrower path reflecting higher share prices relative to earnings. A narrower path indicates a "bubble."

[BACK](#)[BEGIN](#)

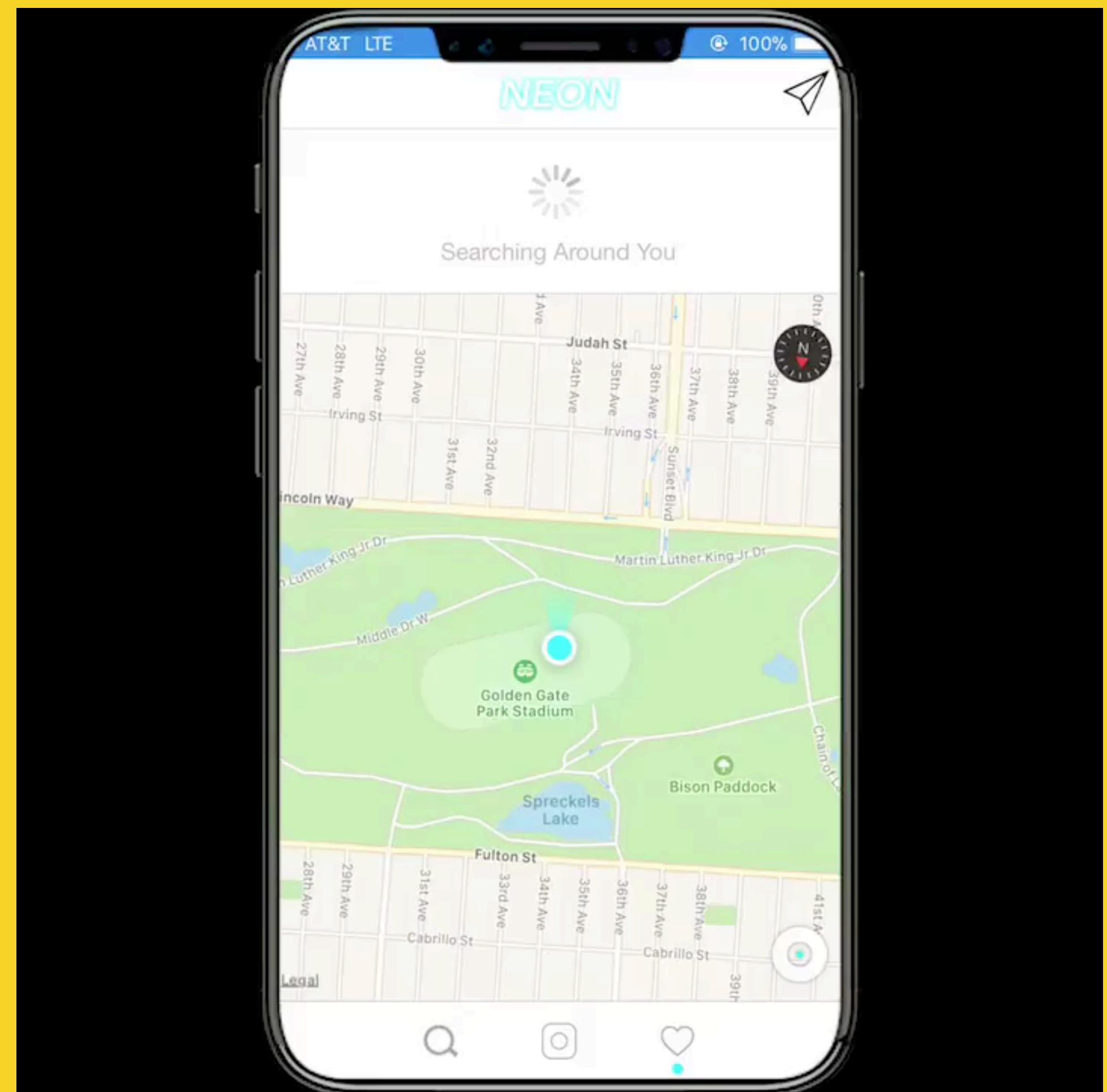


Web AR





https://twitter.com/jerome_etienne/status/893217730517749760



CSS Media Queries 5

`@media (light-level: variable)`

normal | *dim* | *washed*

@media (light-level: *variable*)

```
@media (light-level: normal) {  
  p { background: url("texture.jpg"); color:  
#333 }  
}  
@media (light-level: dim) {  
  p { background: #222; color: #ccc }  
}  
@media (light-level: washed) {  
  p { background: white; color: black; font-  
size: 2em; }  
}
```

@custom-media: name [media-
query]

@custom-media: name [media-query]

```
@custom-media --big-screens(min-width: 100em);  
@custom-media --dark(light-level: dim);
```

```
@media (--big-screens) {  
    /* big screen styles here */  
}  
@media (--big-screens) and (--dark) {  
    /* special styles for when you're on a big  
    screen in the dark */  
}
```

Voice

Wanna see something scary as sh?t

Developer Tools - https://responsivedesign.is/speech/

Console Memory Sources Security Elements Network Audits Performance Application EditThisCookie PageSpeed

top | Filter All levels ▾

```
Speech recognized: I didn't even need to use the keyword for it to start listening to me and recording what I say inside of the dev tools console.log annyang.min.js:7
Speech recognized: I didn't even need to use the keyword for it to stop listening to me and recording what I say inside of the dev tools console.log annyang.min.js:7
Speech recognized: I didn't even need to use the keyword for it to start listening to me and recording what I say inside of the dev tools console.log annyang.min.js:7
Speech recognized: this thing with speech recognition annyang.min.js:7
Speech recognized: the thing with speech recognition annyang.min.js:7
Speech recognized: The Sting with speech recognition annyang.min.js:7
Speech recognized: the sing with speech recognition annyang.min.js:7
Speech recognized: to sing with speech recognition annyang.min.js:7
Speech recognized: Exxon keywords annyang.min.js:7
Speech recognized: an axon keywords annyang.min.js:7
Speech recognized: aynax on keywords annyang.min.js:7
Speech recognized: Exon keywords annyang.min.js:7
Speech recognized: attacks on keywords annyang.min.js:7
Speech recognized: before it can act on those keywords it needs to listen to the content that you're saying decipher whether or not the key word belongs within that annyang.min.js:7
Speech recognized: before it can act in those keywords it needs to listen to the content that you're saying decipher whether or not the key word belongs within that annyang.min.js:7
Speech recognized: before it can act on those keywords it needs to listen to the content that you're saying decipher whether or not the key word belongs with in that annyang.min.js:7
Speech recognized: before it can act on those keywords it needs to listen to the content that you're saying decipher whether or not the keyword belongs with in that annyang.min.js:7
Speech recognized: before it can acting those keywords it needs to listen to the content that you're saying decipher whether or not the key word belongs within that annyang.min.js:7
Speech recognized: and then act upon it accordingly annyang.min.js:7
Speech recognized: then act upon it accordingly annyang.min.js:7
Speech recognized: and then act upon it accordingly. annyang.min.js:7
Speech recognized: amen act upon it accordingly annyang.min.js:7
Speech recognized: an act upon it accordingly annyang.min.js:7
Speech Recognition is repeatedly stopping and starting. See http://is.gd/annyang\_restarts for tips. annyang.min.js:7
Speech recognized: if you have an Alexa or Google home in your home the chances that everything that you say is being captured to the device and then uploaded to the cloud for processing annyang.min.js:7
Speech recognized: so if you have an Alexa or Google home in your home the chances that everything that you say is being captured to the device and then uploaded to the cloud for processing annyang.min.js:7
Speech recognized: check if you have an Alexa or Google home in your home the chances that everything that you say is being captured to the device and then uploaded to the cloud for processing annyang.min.js:7
Speech recognized: if you have an Alexa or Google home in your home the chances are that everything that you say is being captured to the device and then uploaded to the cloud for processing annyang.min.js:7
Speech recognized: so if you have an Alexa or Google home in your home the chances are that everything that you say is being captured to the device and then uploaded to the cloud for processing annyang.min.js:7
Speech recognized: now I'm sure that they wouldn't really do anything annyang.min.js:7
Speech recognized: now I'm sure that that they wouldn't really do anything annyang.min.js:7
```

Building Progressively

“Web design must mature and accept the developments of the past several years”

*“The goal of web design is not merely to
dazzle, but to deliver information to the
widest audience.”*

3.8 billion users

What will you create?



Thank you

- <https://responsivedesign.is>
- [@justinavery / @reswebdes](#)
- <https://maxtalk.simplethin.gs>

