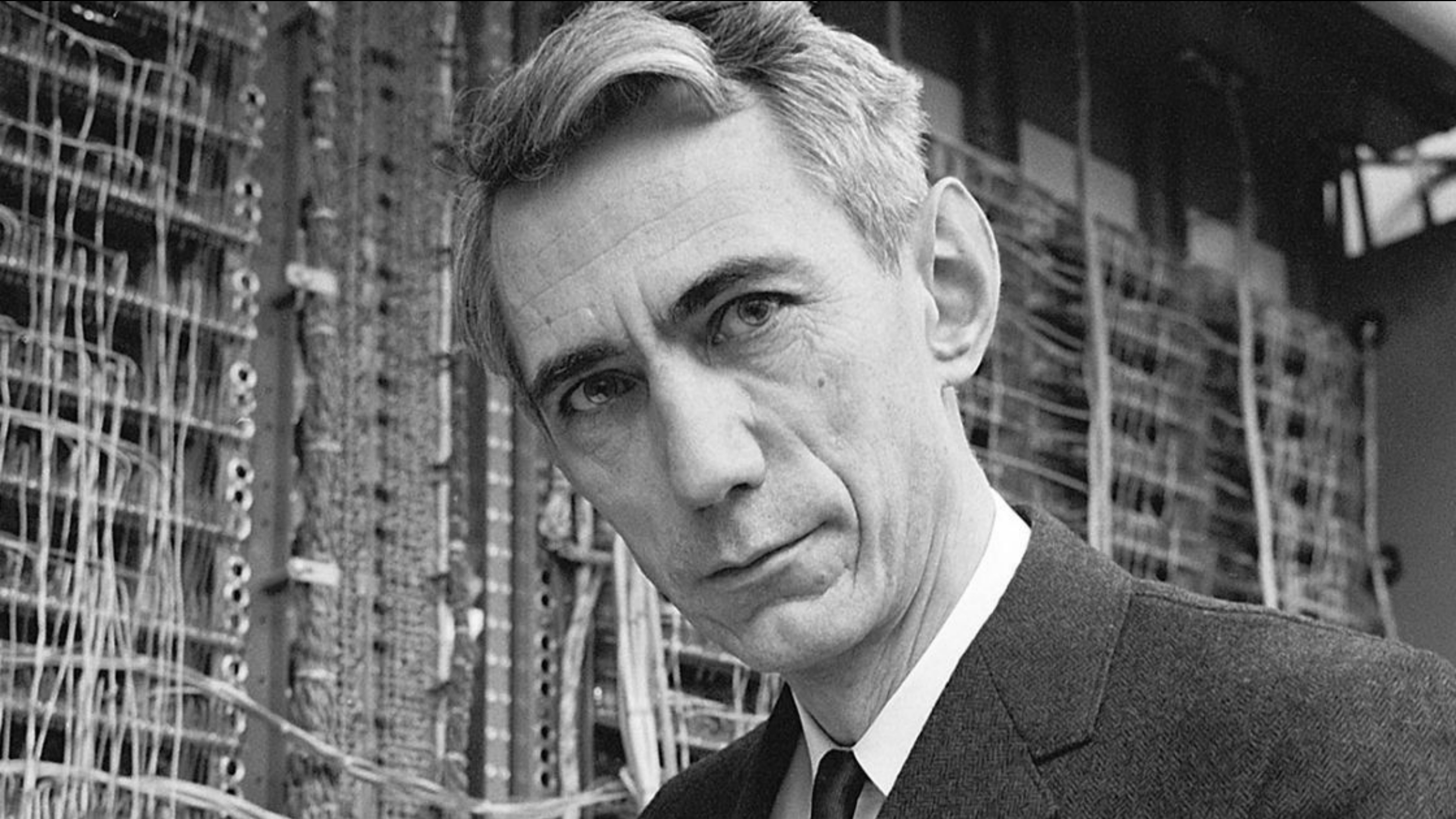
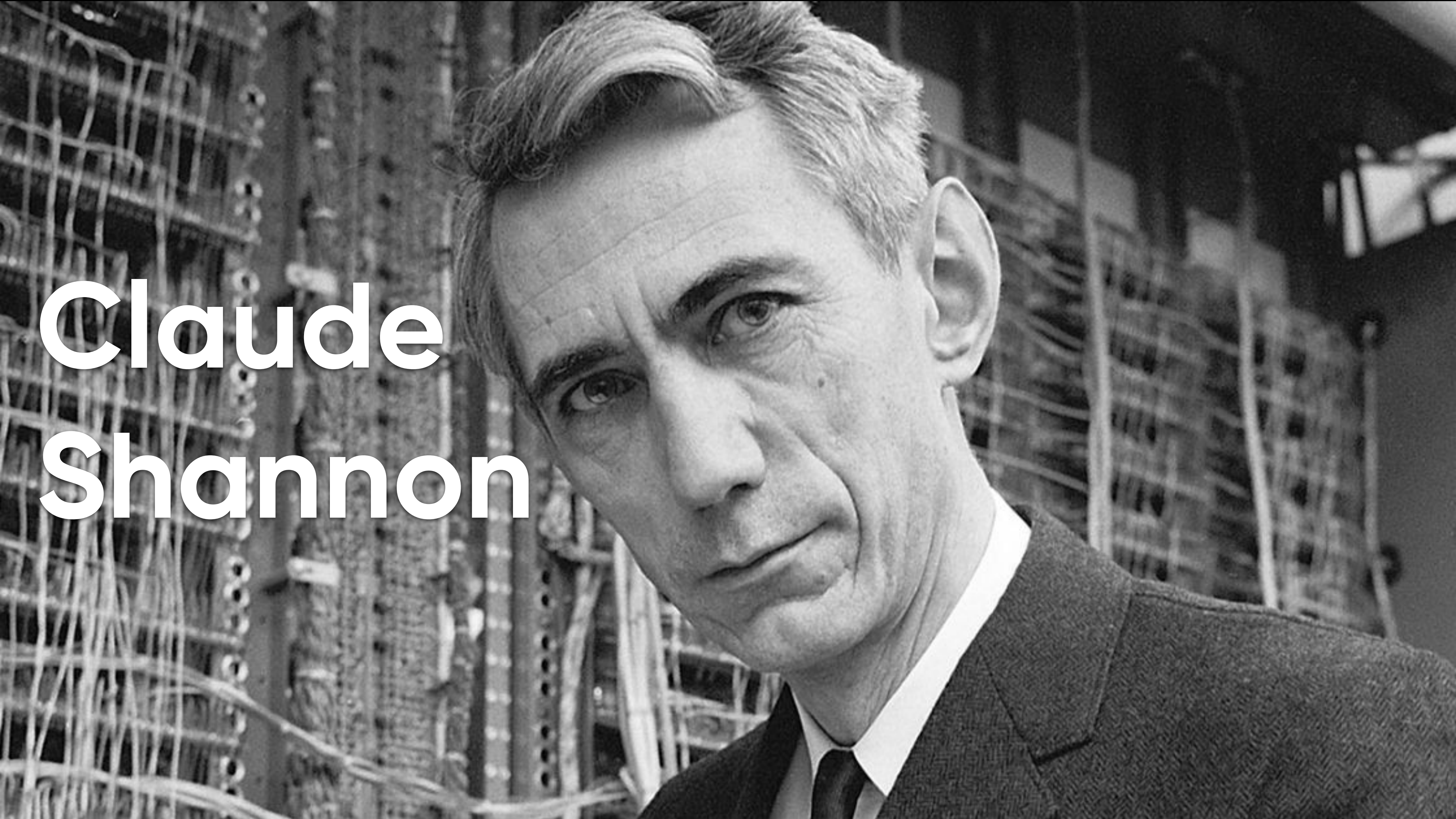


In And Out Of Style







Claude Shannon



Ass

Ar

information theory

The Mathematical Theory of Communication

—1948

$$H(X) = -\sum_{i=1}^n P(x_i) \log P(x_i)$$

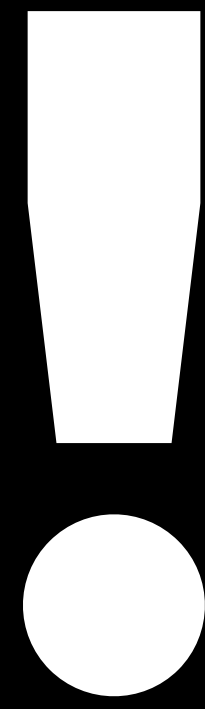
entropy

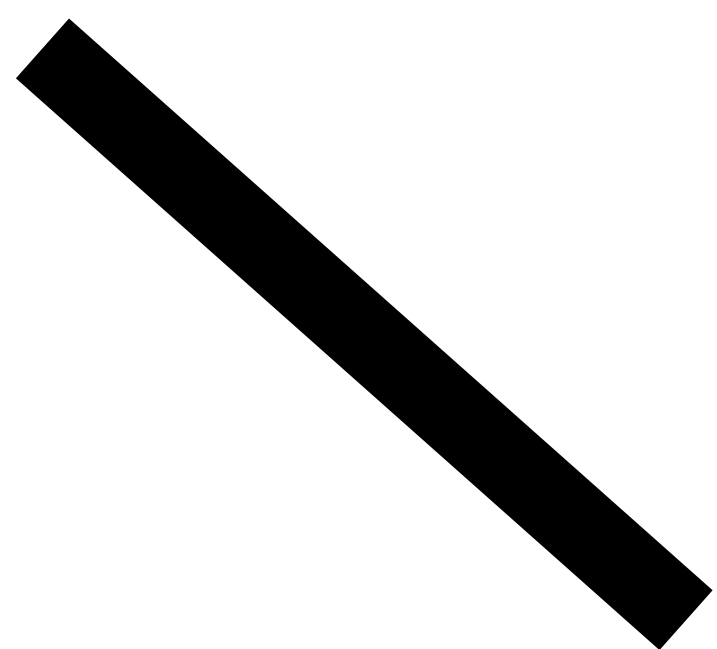
bit

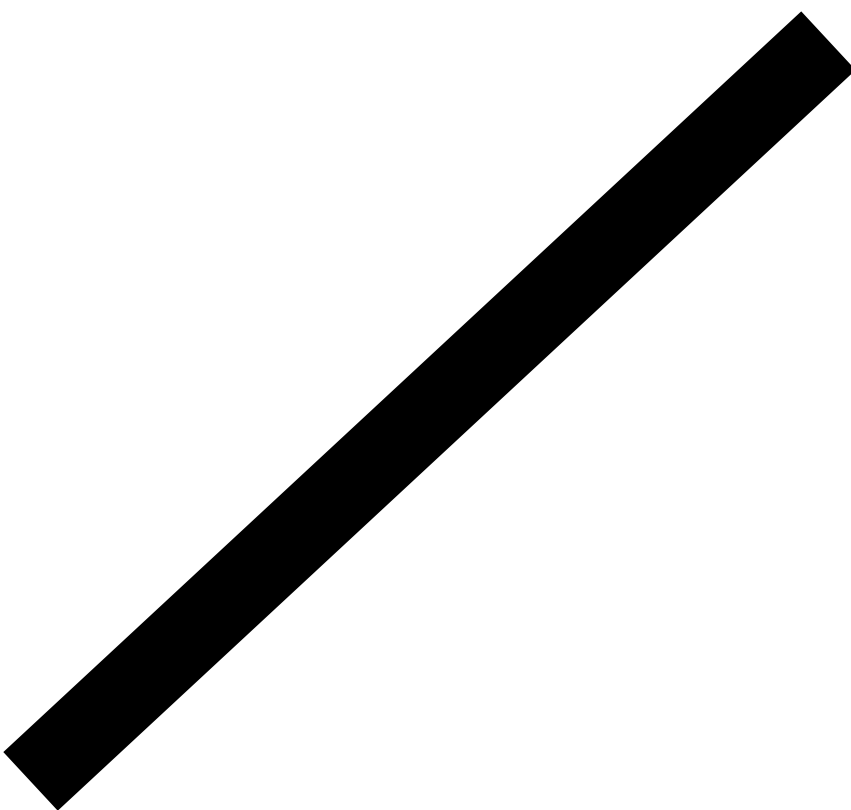
context

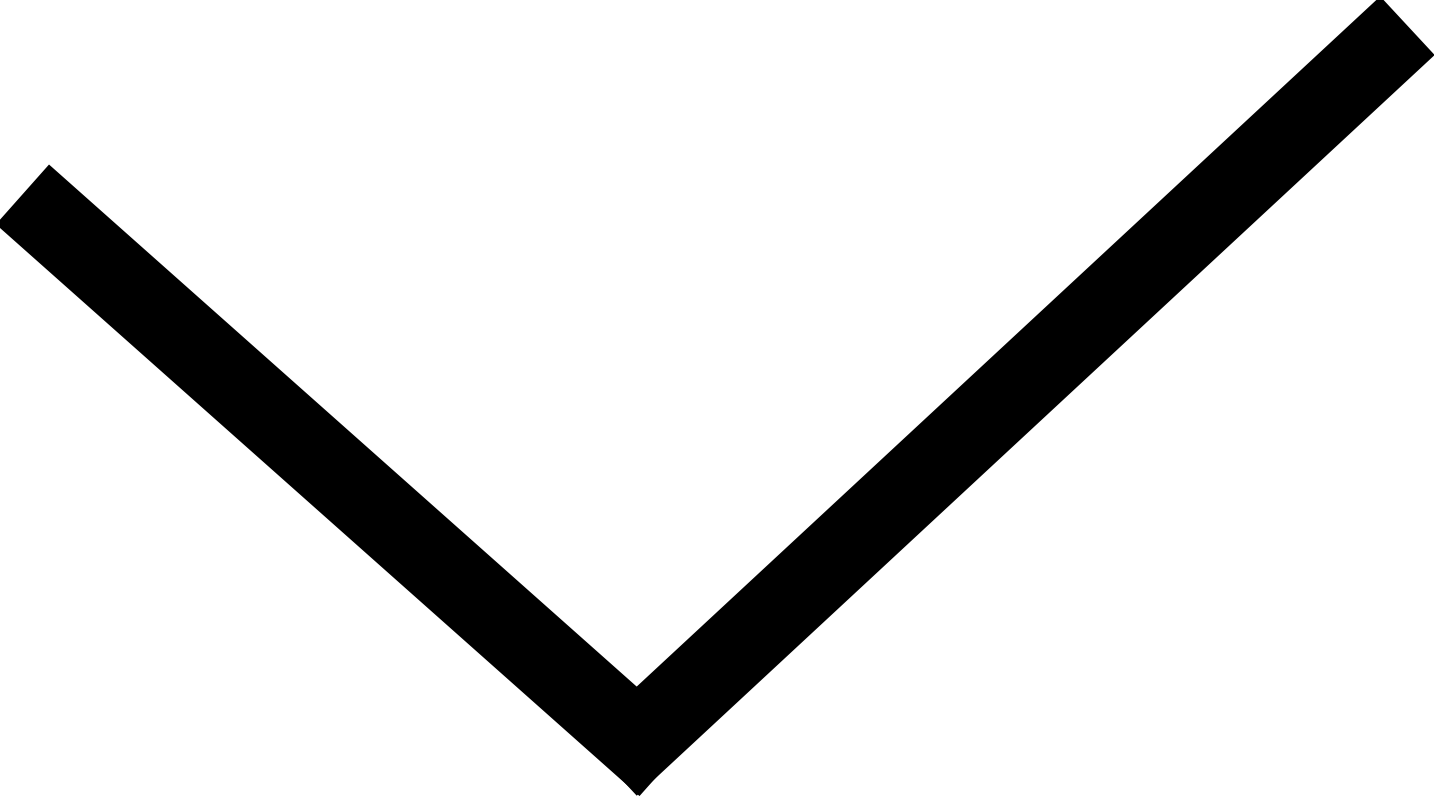


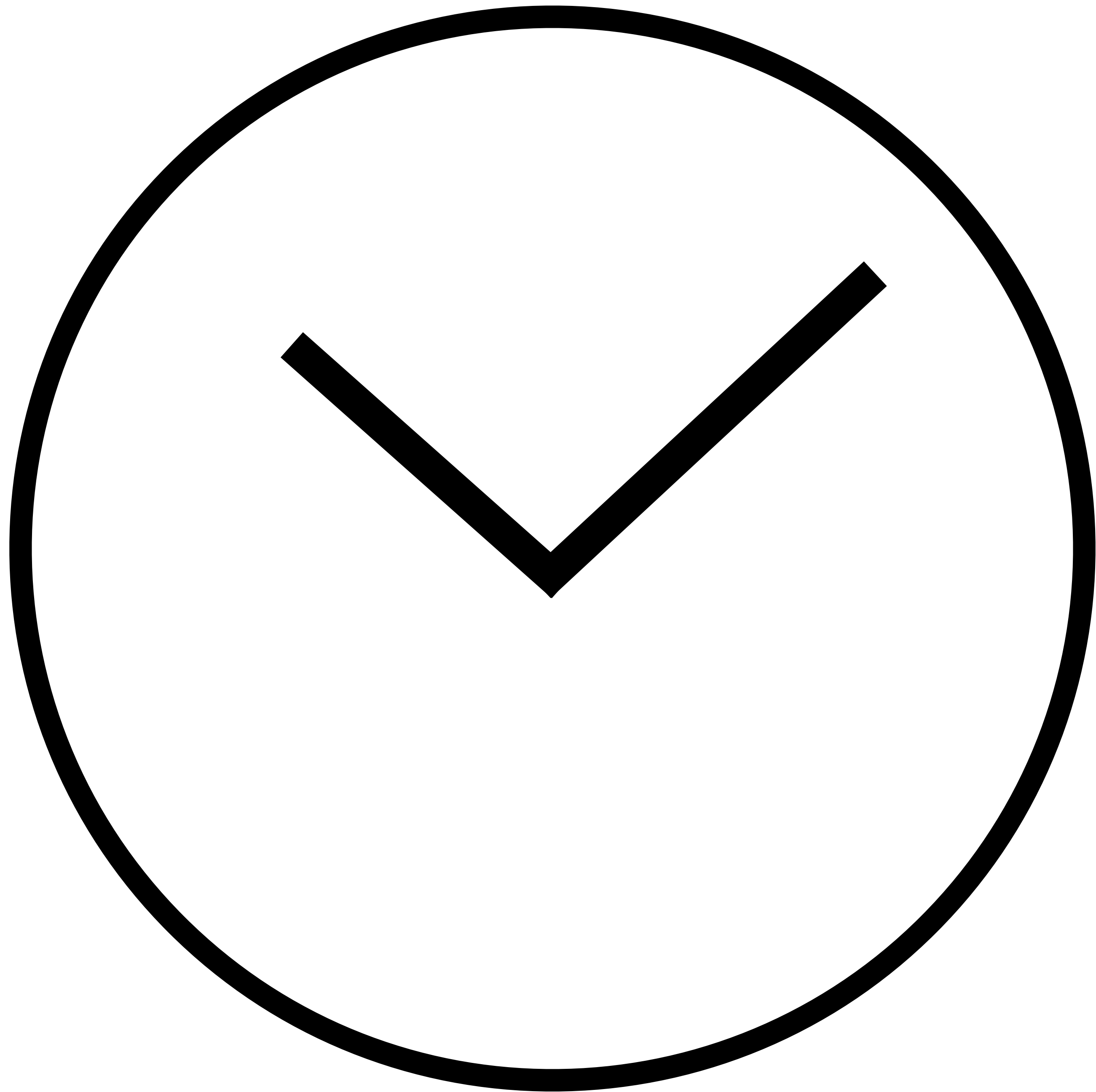














inertia





Grace Hopper



path dependence



standards

standards agreement

World

Wide agreement

Web

World

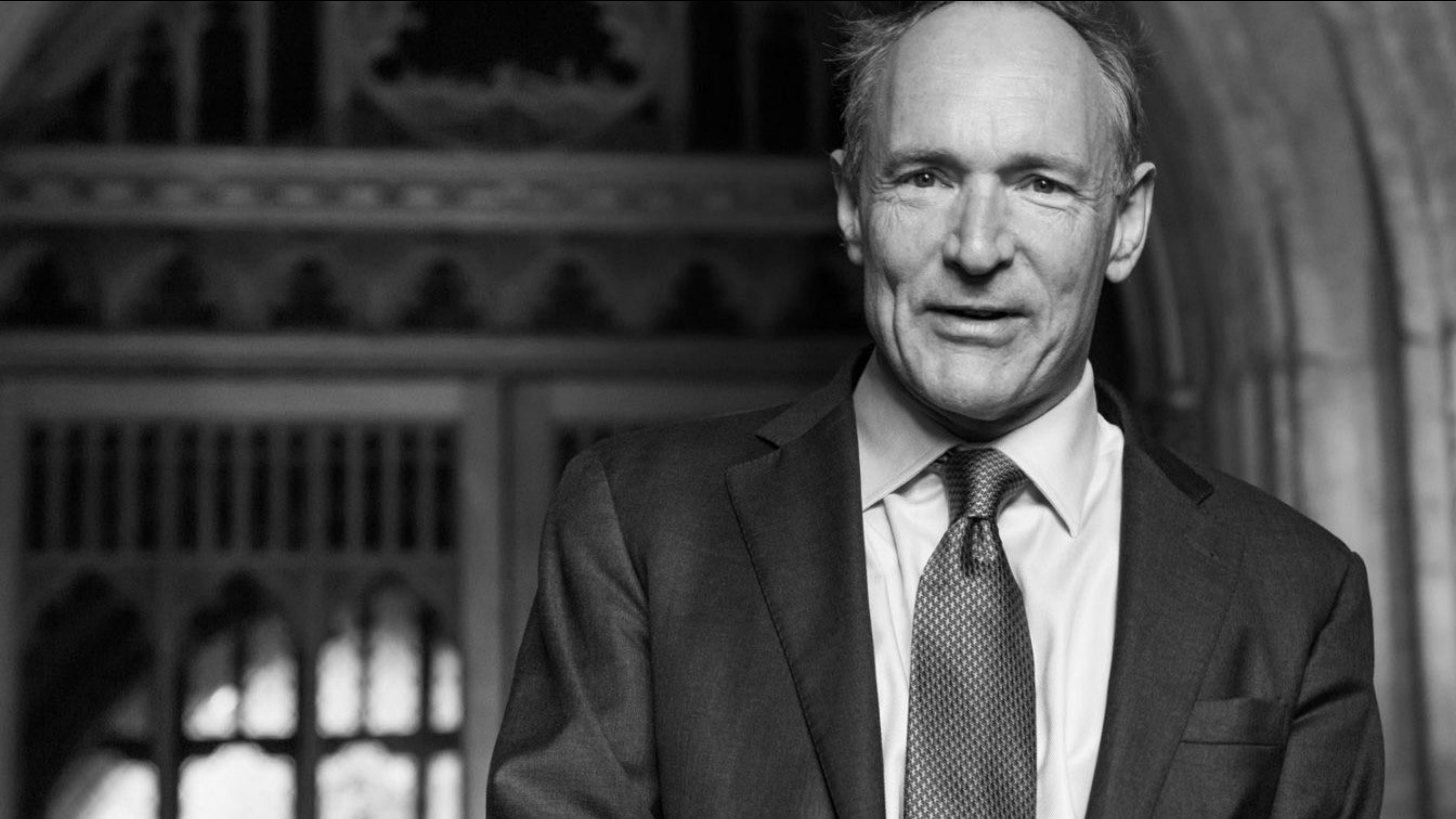
HTML

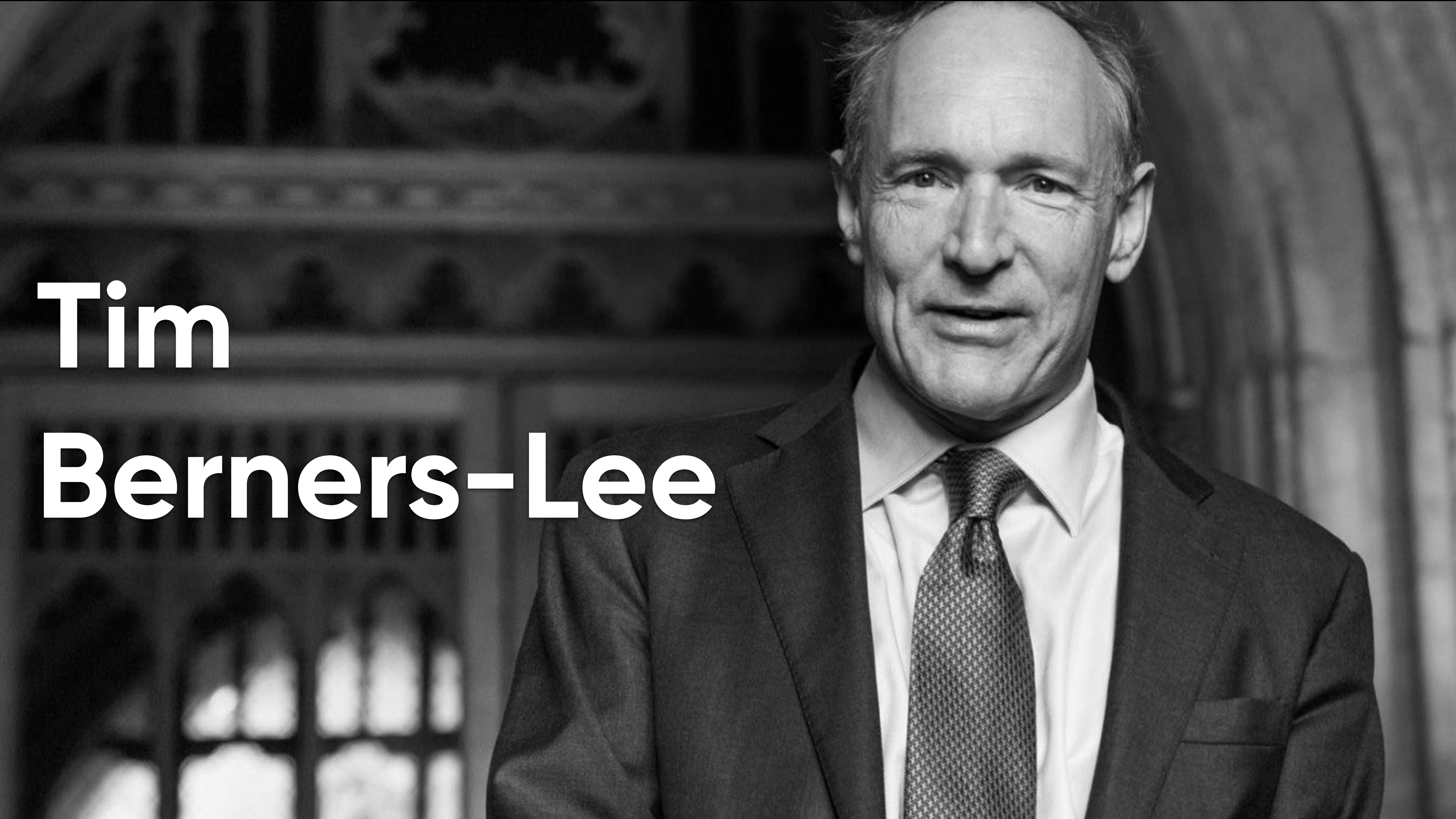
Wide

URLs

Web

HTTP





**Tim
Berners-Lee**



worldwideweb30.com

WorldWideWeb	
Info	▷
Navigate	▷
Document	▷
Edit	▷
Links	▷
Style	▷
Print	p
Page Layout	
Windows	
Services	
Hide	h
Quit	q

The World Wide Web project

World Wide Web

The WorldWideWeb (W3) is a wide-area hypermedia information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an executive summary of the project, Mailing lists , Policy , November's W3 news , Frequently Asked Questions .

<u>What's out there?</u>	Pointers to the world's online information, <u>subjects</u> , <u>W3 servers</u> , etc.
<u>Help</u>	on the browser you are using
<u>Software Products</u>	A list of W3 project components and their current state. (e.g. <u>Line Mode</u> , <u>X11 Viola</u> , <u>NeXTStep</u> , <u>Servers</u> , <u>Tools</u> , <u>Mail robot</u> , <u>Library</u>)
<u>Technical</u>	Details of protocols, formats, program internals etc
<u>Bibliography</u>	Paper documentation on W3 and references.
<u>People</u>	A list of some people involved in the project.
<u>History</u>	A summary of the history of the project.
<u>How can I help ?</u>	If you would like to support the web..
<u>Getting code</u>	Getting the code by <u>anonymous FTP</u> , etc.

**Information
Management:
A Proposal**

Information

Management



<p>

<dt>

<body>

<h3>

<h2>

<h1>

<title>

<dl>

<dd>

<p>

<dt>

<body>

sgml

<h3>

<h2>

<h1>

<title>

<dl>

<dd>

sgml

html

gml

g

m

l

goldfarb

mosher

laurie

html

styling

WorldWideWeb	
Info	▷
Navigate	▷
Document	▷
Edit	▷
Links	▷
Style	▷
Print	p
Page Layout	
Windows	
Services	
Hide	h
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12
Normal <P> 0 Helvetica 12.0 1
90 90 14.0 3.0 0 0 14 0
Address <P> 0 Helvetica-Oblique 12.0 1
90 90 14.0 3.0 1 0 14 0
Heading1 <H1> 0 Helvetica-Bold 18.0 1
0 0 18.0 3.0 2 0 36 0
Heading2 <H2> 0 Helvetica-Bold 14.0 1
0 0 14.0 3.0 0 14 14 0
Heading3 <H3> 0 Helvetica-Oblique 14.0 1
10 10 14.0 3.0 0 14 14 0
Heading4 <H4> 0 Helvetica-Bold 12.0 1
20 20 14.0 3.0 0 14 14 0
Heading5 <H5> 0 Helvetica-Bold-Oblique 12.0 1
30 30 14.0 3.0 0 14 14 0
Heading6 <H6> 0 Helvetica-Bold 12.0 1
40 40 14.0 3.0 0 14 14 0

List 0 Helvetica 12.0 1
100 130 14 3 0 0 14 2
0 130 0 300

Glossary <DL> 0 Helvetica 12.0 1
20 200 14 3 0 0 14 3
0 200 0 300 0 400

Example <XMP> 0 Ohlfs 10.0 1
0 0 14 3 0 0 0 9
0 48 0 96 0 144 0 192 0 240 0 288 0 336 0 384 0 432

Listing <LISTING> 0 Ohlfs 9.0 1
0 0 14 3 0 0 0 11
0 43.2 0 86.4 0 129.6 0 172.8 0 216 0 259.2 0 302.4 0 345.6 0 388.8 0 432
0 475.2

<multicol>

<i>

<small>

<big>

bgcolor

border

color

size

<center>

**separation
of concerns**

proposals

Rob Raisch

@BODY fo(fa=he, si=18)

@P br(lo=af, ob=it) ve(af=1)

@B fo(we=bo)

@I fo(sl=it)

Pei Wei

```
(HEAD,BODY fontSize=normal
  BGColor=white
  FGColor=black
  (H1 fontSize=largest
    BGColor=red
    FGColor=white)
  (H2 fontSize=large)
  (P)
  (A FGColor=red)
  (CMD,KBD,SCREEN,LISTING,EXAMPLE fontFamily=fixed)
  (BOLD,EMPH,STRONG fontWeight=bold)
  (I fontSlant=italic)
  (ADDRESS
    (P fontSlant=italic))
  (OL
    (LI numStyle=roman
      (LI numStyle=number
        (LI numStyle=alpha)
      )
    )
  )
  (FOOTNOTE fontSize=small
    (P)
  )
)
```

Håkon Wium Lie

```
h1.font.size = 24pt 100%  
h2.font.size = 20pt 40%
```


influence

read/write web

user stylesheets

@prefers - ...

```
font.size = 12pt
```

```
h1.font.size = font.size * 3
```

```
h2.font.size = font.size * 2.5
```

```
h3.font.size = font.size * 2
```

Bert Bos

*H1.size: 2
*H1.bold: true
*H1.justify: center
*H1.rulebefore: 1.0
*H1.ruleafter: 1.0
*H1.prebreak: 2.0
*H1.postbreak: 1.0
*H1.noindent: true

design principles

principles.adactio.com

design principles

Maintainability

Modularity

Minimum redundancy

Accessibility

Device-independency

Internationality

Extensibility

Learnability

Readability

Efficiency

Binary or text format

Implementability

Simplicity

Longevity

Backwards compatibility

Interoperability

Repurposing of content

Timeliness

Use what is there

Design by committee

Expertise

Brevity

Stability

Robustness

design principles

Maintainability
Modularity
Minimum redundancy
Accessibility
Device-independency
Internationality
Extensibility
Learnability
Readability
Efficiency
Binary or text format
Implementability
Simplicity
Longevity
Backwards compatibility
Interoperability
Repurposing of content
Timeliness
Use what is there
Design by committee
Expertise
Brevity
Stability
Robustness

priorities

Bert Bos

Håkon Wium Lie

Bert Bos

CSS

Håkon Wium Lie

```
selector {  
  property: value;  
}
```

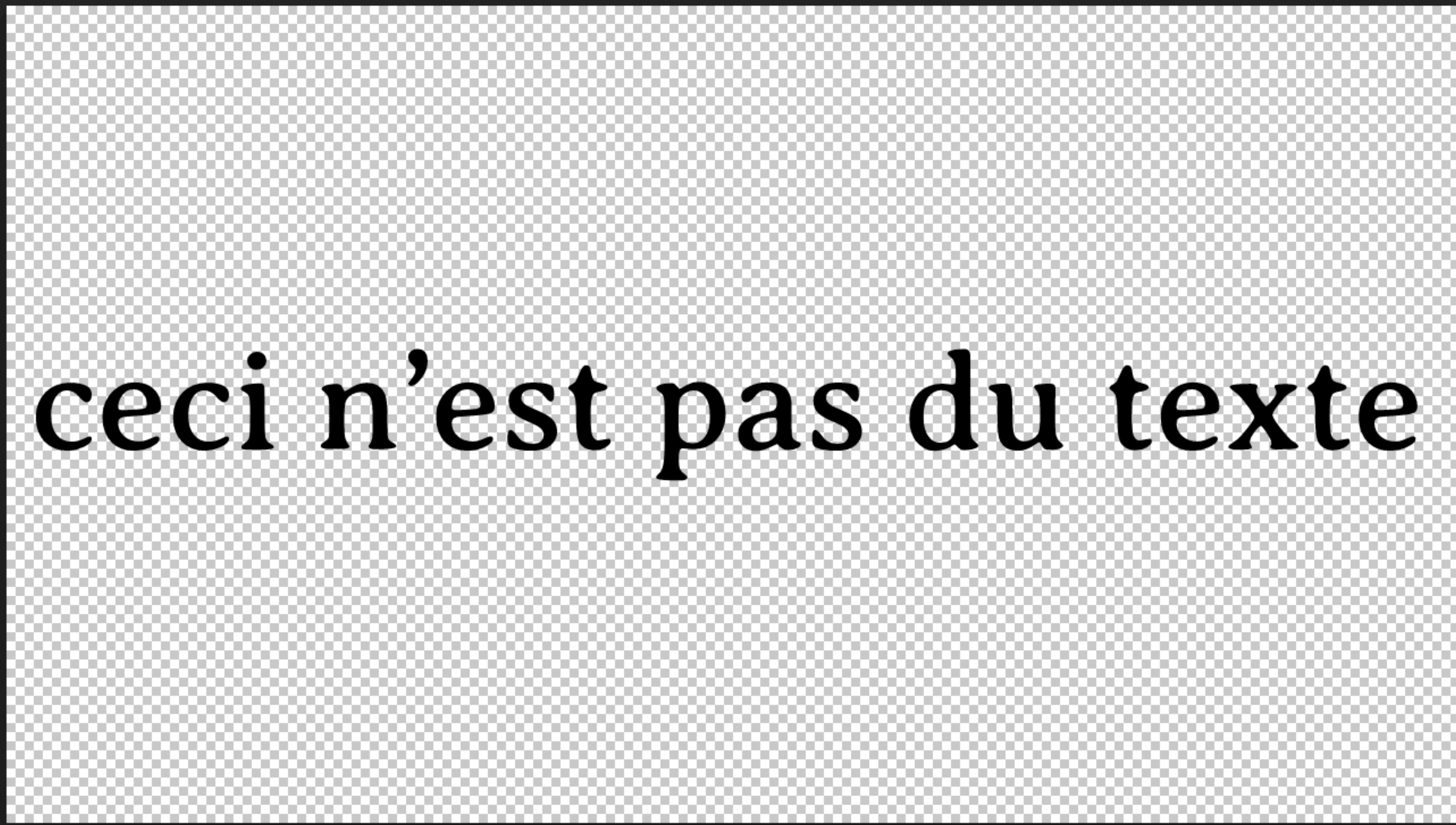
hacks

layout

flexbox

grid

typography



History Swatches

- Inf Type Tool
- Pro Type Tool
- Bru Move
- Cha Type Tool
- Par Move
- CSS Type Tool

Layers Channels Paths

Normal Opacity: 100%

Lock: Fill: 100%

- ceci n'est pas du texte
- Background

@font-face

graphic design

DOMscripting

Web Design with JavaScript and the Document Object Model

blog

Thoughts, musings and trivia
vaguely related to JavaScript... it's
the DOM blog.

Got feedback?
Feel free to get in touch.

Bulletproof **Ajax**

Get the sequel to DOM
Scripting:
Bulletproof Ajax

border-radius

linear-gradient



Journal **Links** **Articles** **Notes** **About**

Journal **2847** 

Tuesday, February 8th, 2022

Announcing UX London 2022

For the past two years, all of Clearleft's events have been online. Like everyone else running conferences, we had to pivot in the face of The Situation.





clip-path

linear-gradient

::after



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material honesty



accent-color

tools

sass

.sgm

.htm

.CSS

.SCSS

.sass

.scss

.sass

.scss

.SASS

```
button
  color: red
  &:hover
    color: blue
```

.SCSS

```
button {
  color: red;
  &:hover {
    color: blue;
  }
}
```

custom properties

calc()

nesting

jQuery

DOM

jQuery

DOM

jQuery

document.

getElementsByTagName('p')

\$('p')

document.

getElementById('foo')

\$('#foo')

DOM

jQuery

document.

querySelectorAll('p')

\$('.p')

document.

querySelector('#foo')

\$('#foo')

sass

jQuery

Flash

OOCSS

BEM

SMACSS

OOCSS

methodologies **BEM**

SMACSS

agreements

OOCSS

BEM

SMACSS



Mia, with valuable secrets 🤔

@TerribleMia

Large companies find HTML & CSS frustrating “at scale” because the web is a fundamentally anti-capitalist mashup art experiment, designed to give consumers all the power.

@Layer

@scope

what's still missing?

button

button

`<button>`

+ CSS 😊

`<div>`

+ CSS

+ JavaScript

+ ARIA

dropdown

dropdown

`<select>`

+ CSS 🙄

`<div>`

+ CSS

+ JavaScript

+ ARIA

date picker

date picker

`<input type="date">`

+ CSS 😞

`<div>`

+ CSS

+ JavaScript

+ ARIA

<input type="date"> <div>
<select> + **CSS**
<button> + **JavaScript**
+ **ARIA**

open-ui.org

web browsers

frameworks

the future

thank you