

Яндекс

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Несколько историй из палаты стандартов

От бывшего обитателя, успешно прошедшего курс лечения,
Алекса Могилевского

В предыдущих сериях...

Microsoft: 1993-2017

- IE: 1998-2001, 2006-2013

IE5-IE11

- CSSWG: 2007-2012

CSS2.1, Flexbox, Grid, Regions

Яндекс: 2017-...

(не стандарты)

Ничего нового,
вы зря пришли



Впрочем...

Немного историй из стандартных кулуаров

- От CSS1 до CSS2.2 за 22 года
- Flexbox & Grid
- О будущем

W3C

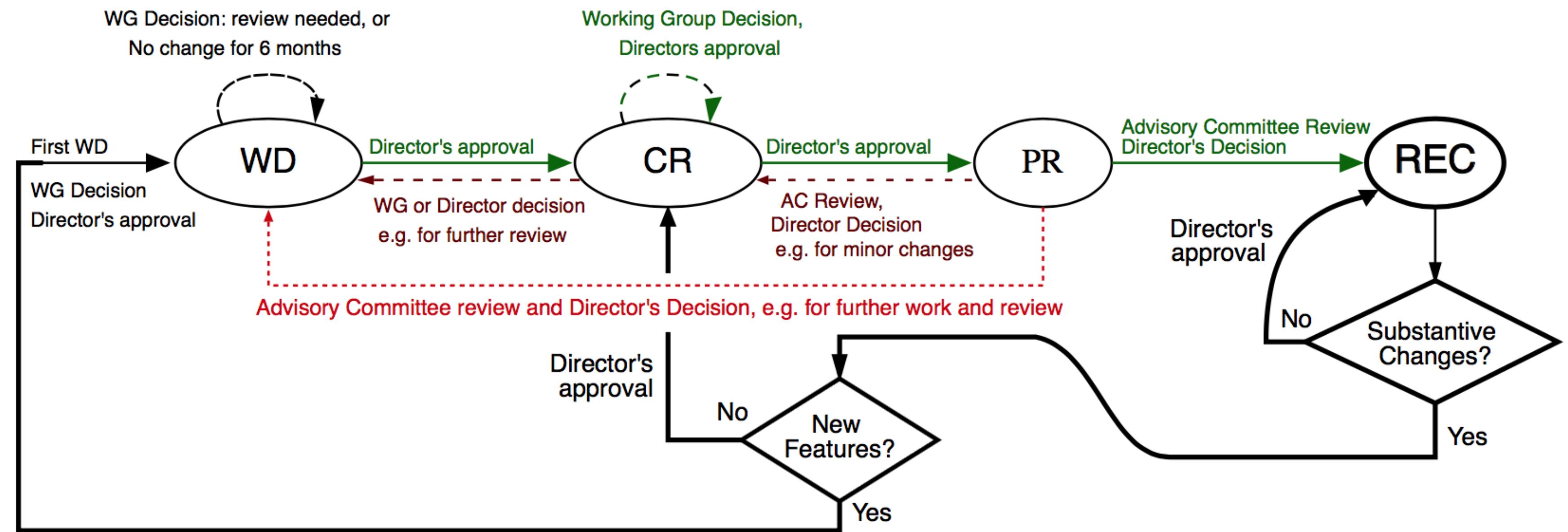
The World Wide Web Consortium (W3C) is an international community that develops open [standards](#) to ensure the long-term growth of the Web.

- Место, где конкуренты могут договориться, добровольно
- Консенсус
- Стандарты и рекомендации

36 рабочих групп

CSS

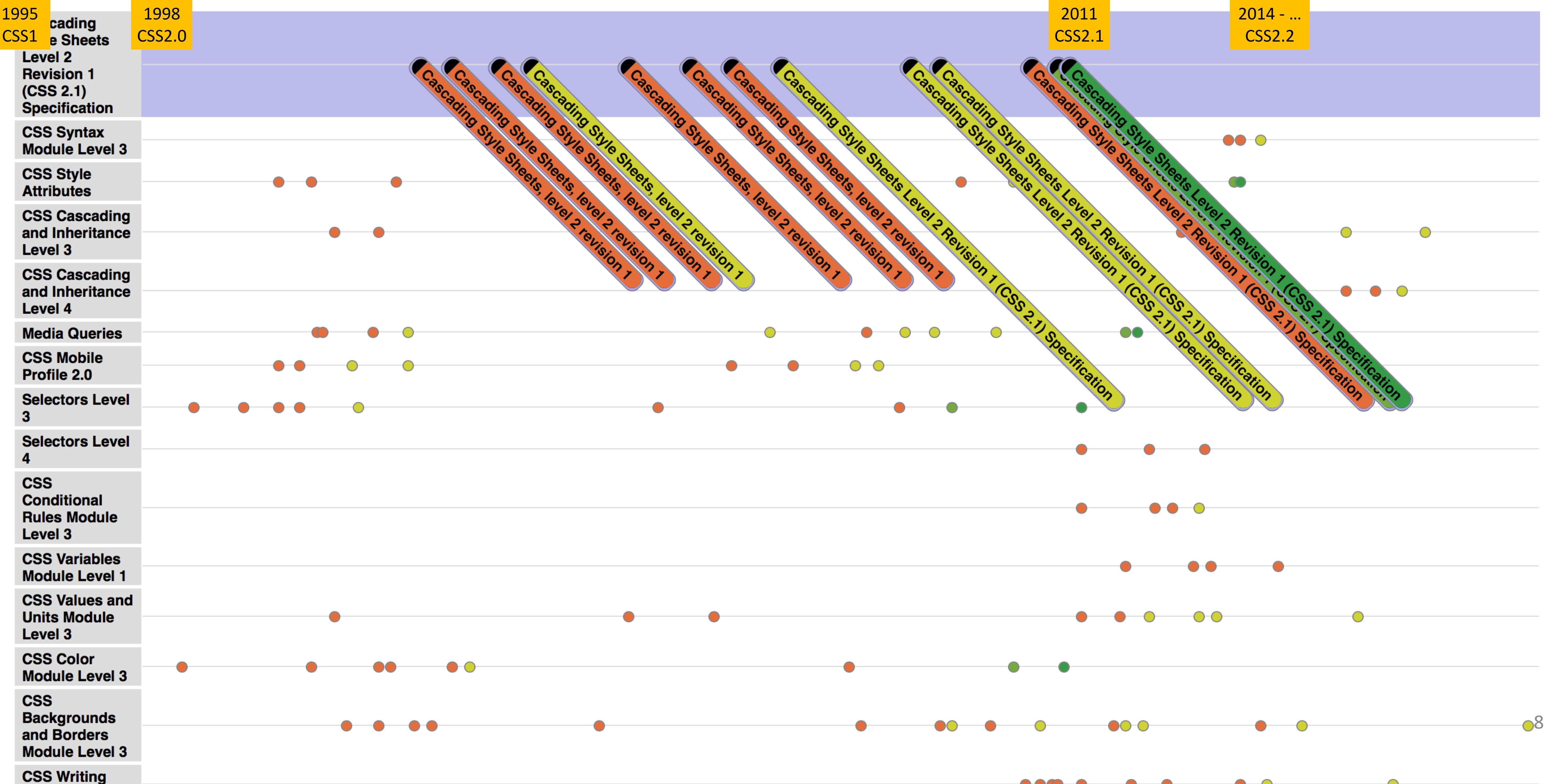
- 1995: CSS 1
- 1998 : CSS 2
- 2011 : CSS 2.1
- 2014 - ... : CSS 2.2



Cascading
Style Sheets
Level 2
Revision 1
(CSS 2.1)
Specification

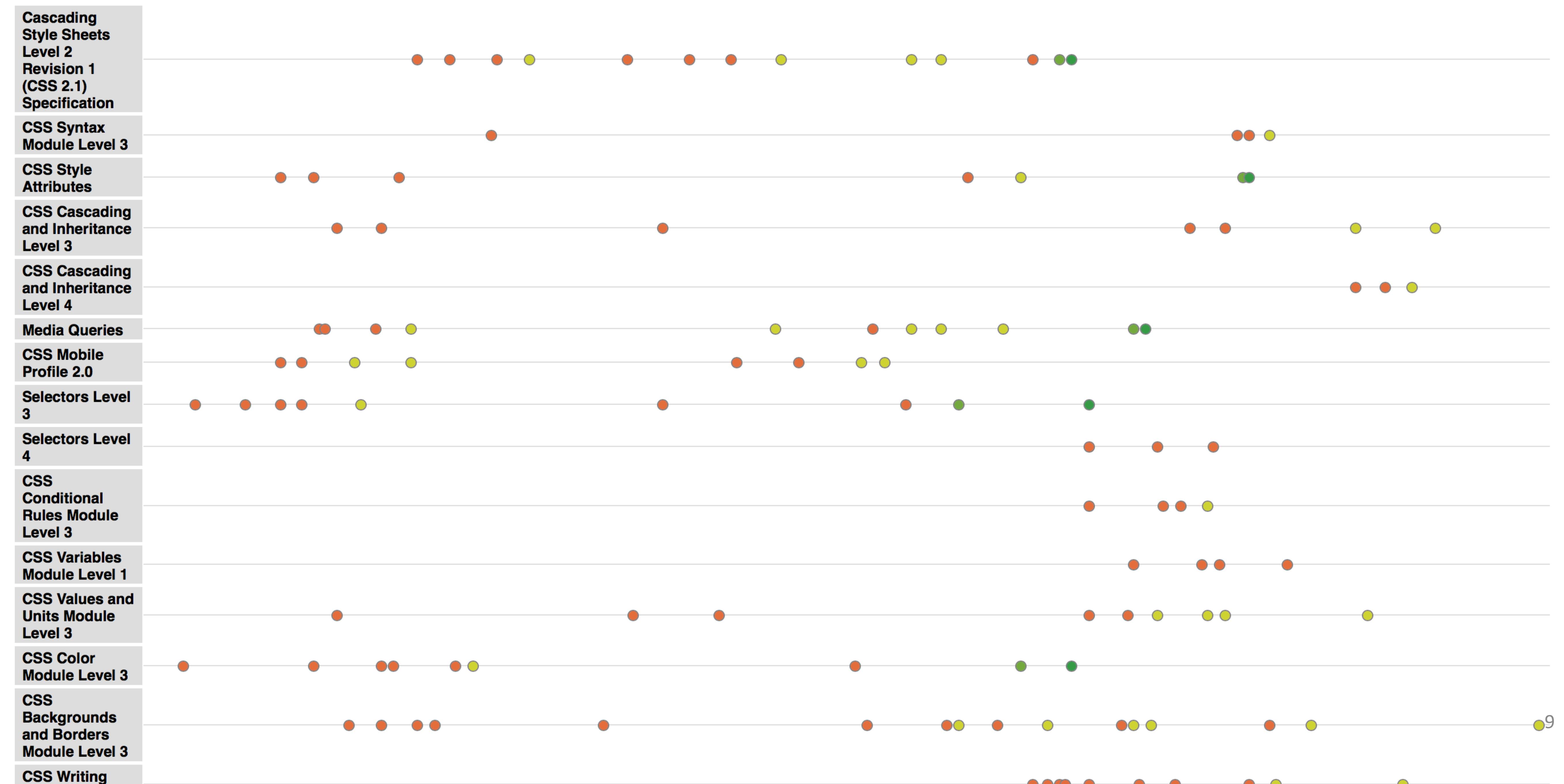


CSS Module Timelines

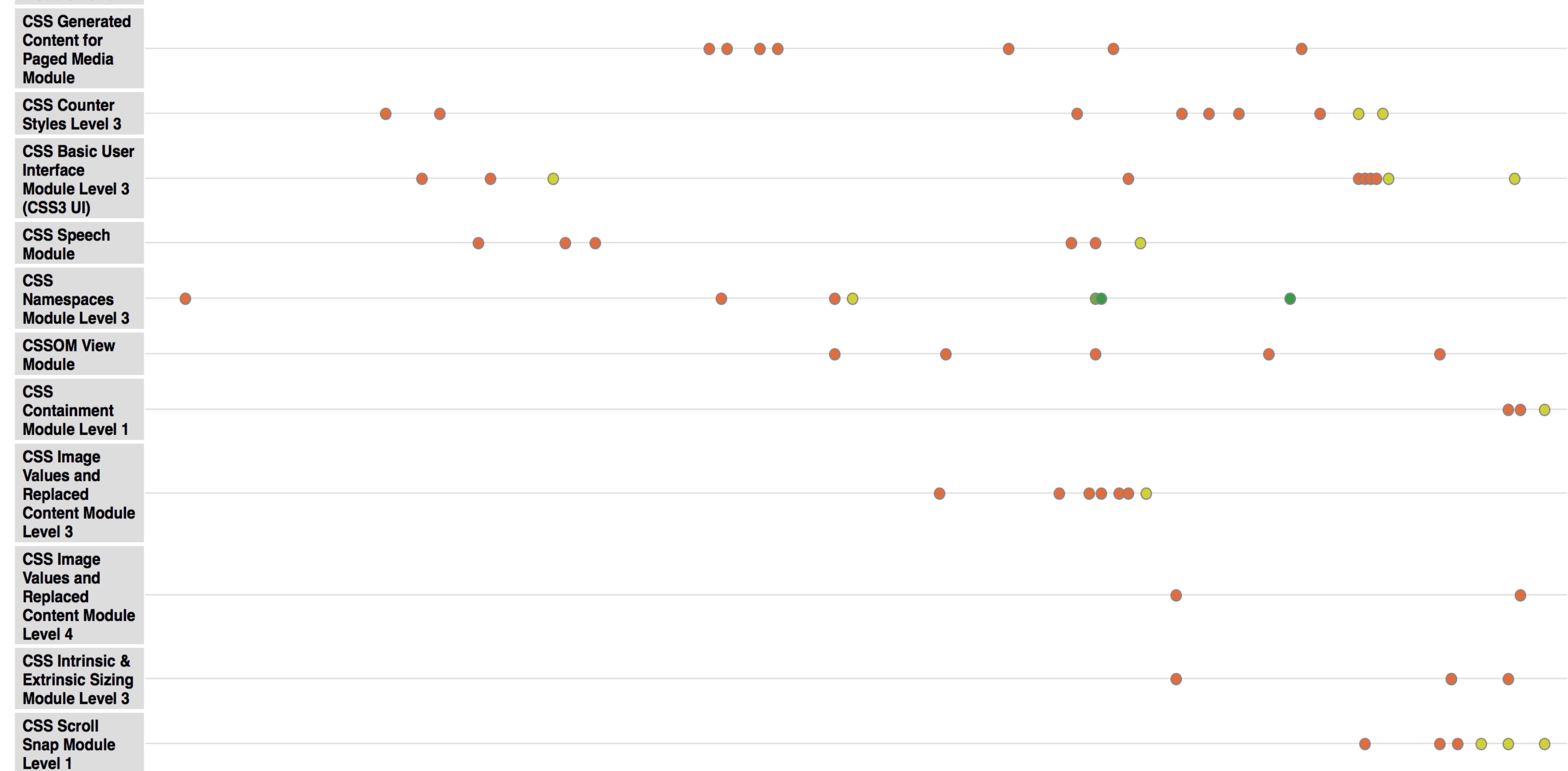
Themes W3C Heat Gray Blue

CSS Module Timelines

Themes W3C Heat Gray Blue







Flexbox Timeline

2006: -moz-flex (Firefox)

2009: WD #1 (Firefox)

2011: IE9 (internal)

2011: WD rewrite (Google+Microsoft) --  IE9

2012: CR -- IE10 (-ms-), Webkit(-webkit-), Opera

2013: IE11, Webkit

2014: Firefox

2017: CR (4), 692 tests

WD = Working Draft

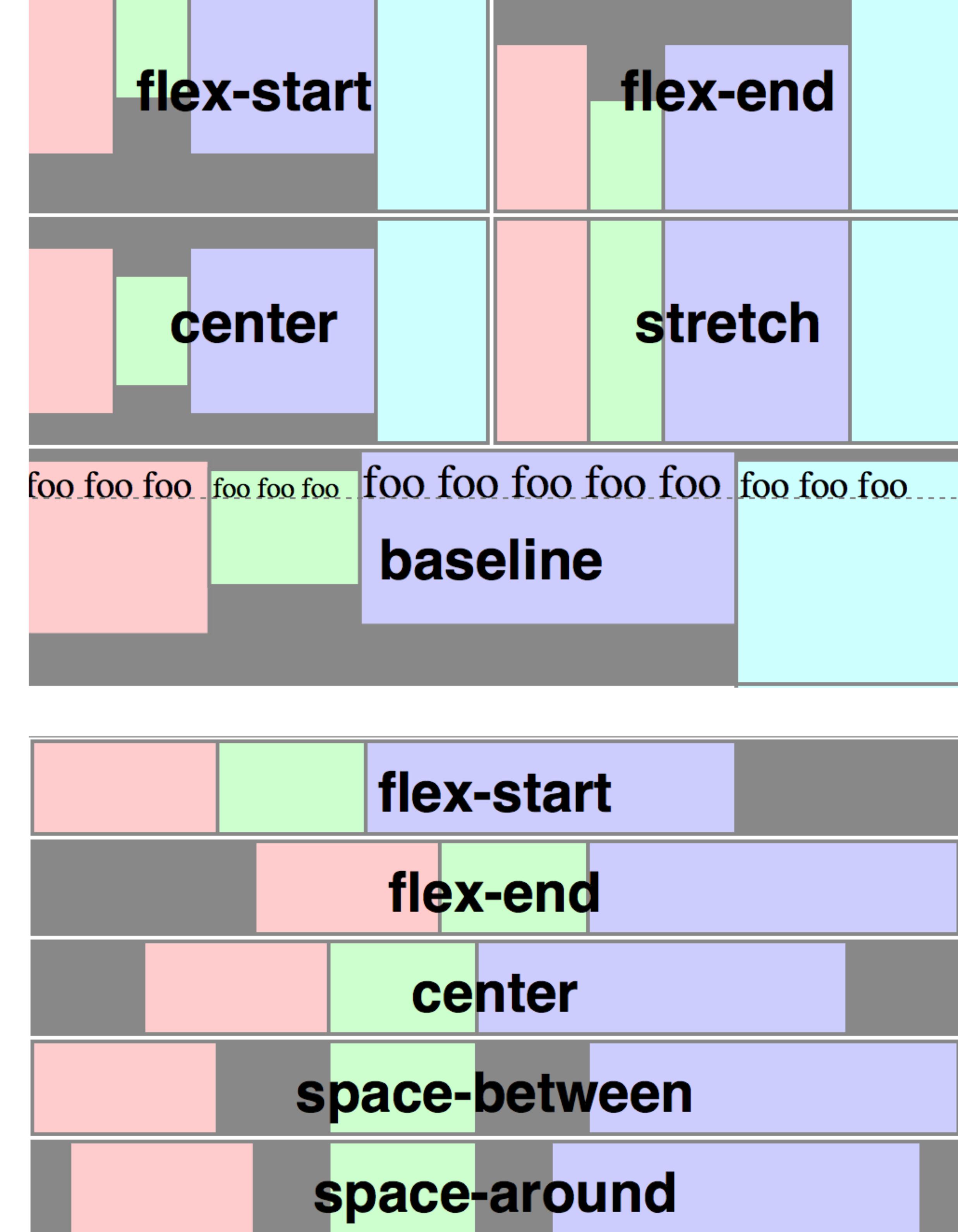
CR = Candidate Recommendation

PR = Proposed Recommendation

REC = Recommendation

Flexbox: align and pack

1. box-pack, box-align
2. flex-pack, flex-align
3. flex-pack, flex-line-pack,
flex-align
4. flex-pack, flex-line-pack,
flex-align, flex-item-align
5. justify-content, align-content,
align-items, align-self



Grid Timeline

2005: CSS3 Advanced Layout (Template Layout) – “ASCII art layout”

2006: WPF Grid

2011: CSS3 Grid Layout WD

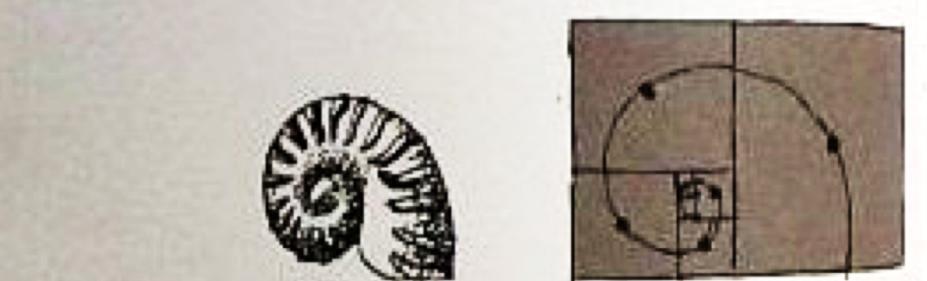
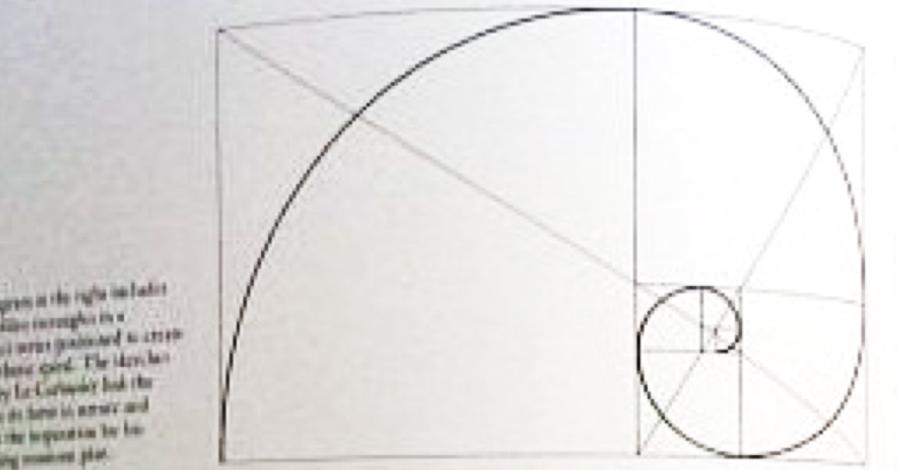
- Flexbox + XAML

2017: CSS3 Grid Layout CR

- + ASCII art

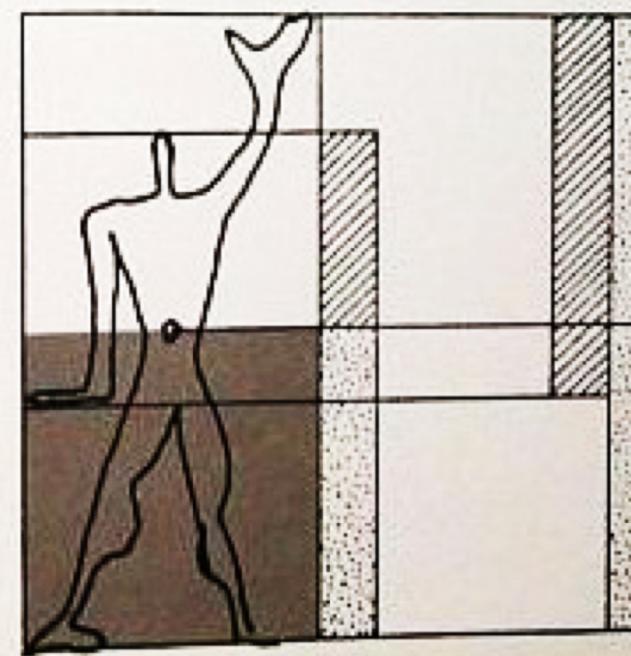
Typographic Grid

Two thousand years after Vitruvius completed his monumental ten-volume work called *De Architectura*, another master, Le Corbusier, began to work out a system of architectural proportion called the Modulor. Though Le Corbusier does not identify Hamline as a source of his information on the logarithmic spiral, he does acknowledge his indebtedness to Maria Goecke, who in turn was influenced by Hamline. In any event the Modulor made a major contribution to the form of modern architecture and design.



Elements of Dynamic Symmetry was first published in 1926. The other was Le Corbusier, an authentic genius of twentieth century design, who developed the first clearly identifiable design system called the Modulor.

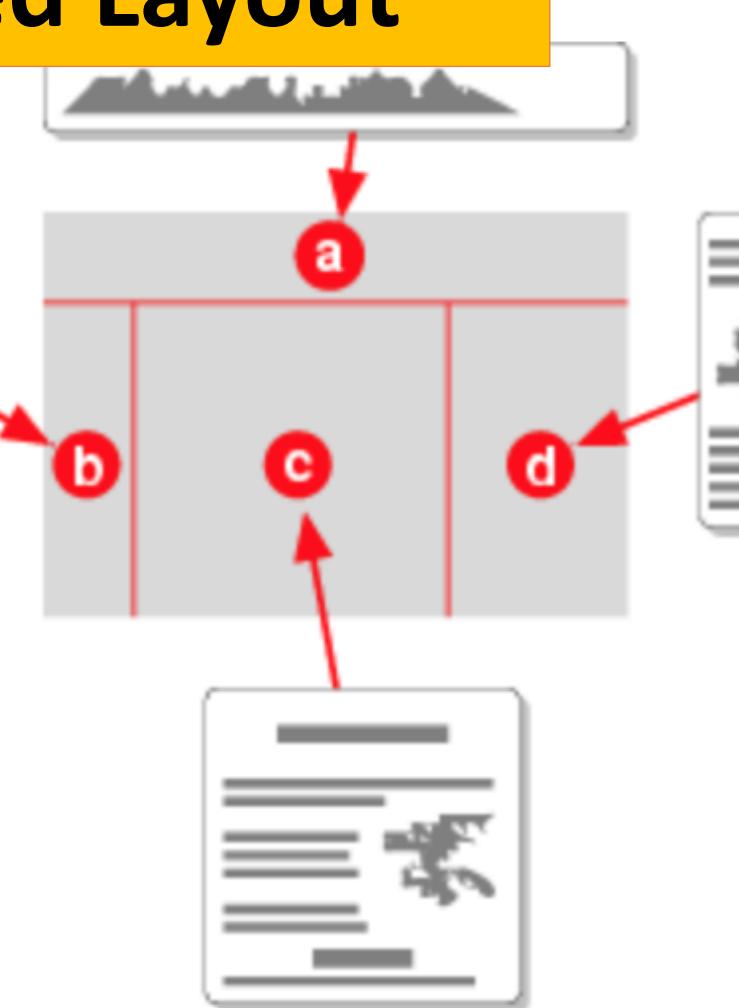
Elements of Dynamic Symmetry is now all but forgotten, but in its time it produced a cultlike mass of followers in art schools. It was probably Hamline who first visually linked the golden rectangle to the logarithmic spiral (see above). His writings put a strong emphasis on the diagonal. He developed a series of dynamic rectangles based on a progression of the root-2 rectangle. Hamline pointed out that the diagonal of a rectangle, when joined up as a pentadecagon,



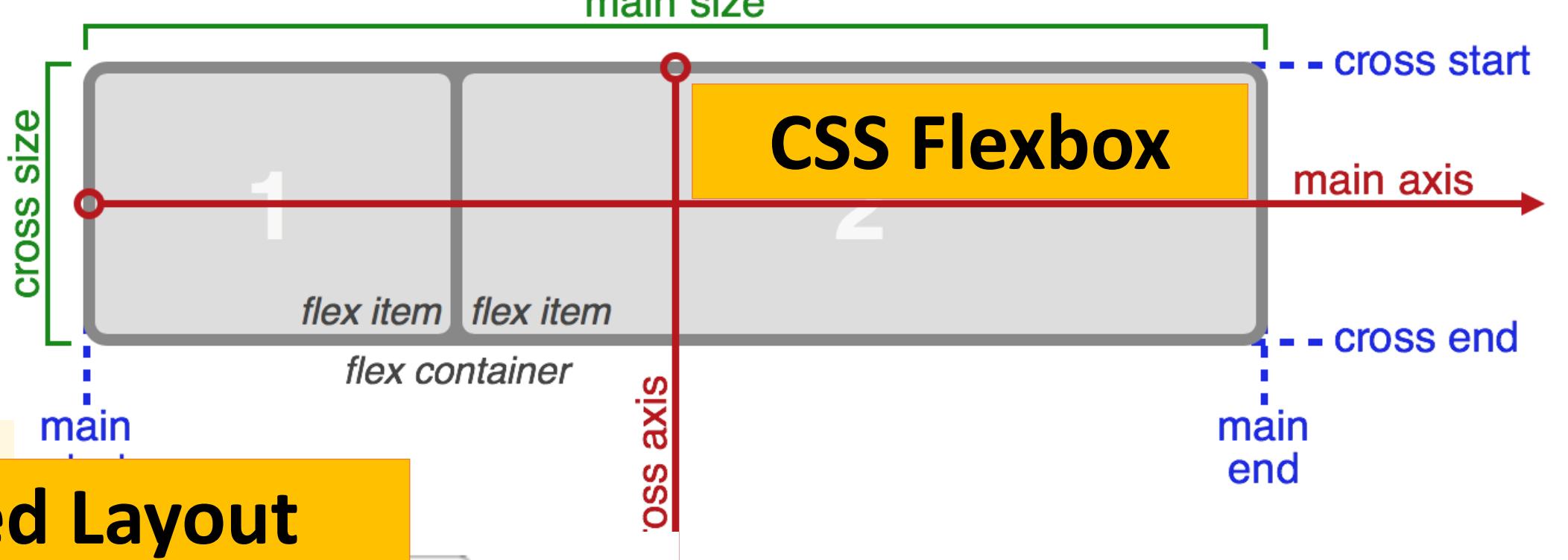
Grid

```
body {
    height: 100%;
    display: "block";
    width: 100%; }
    .grid {
        display: grid;
        grid-template-columns: 1fr 1fr 1fr;
        grid-template-rows: 1fr 1fr 1fr;
        grid-template-areas: "a b c" "d e f" "g h i" ;
        grid-column-gap: 1em;
        grid-row-gap: 1em;
        width: 100%; }
    #logo {position: absolute; top: 0; left: 0; }
    #motto {position: absolute; top: 0; left: 1em; }
    #date {position: absolute; top: 0; left: 2em; }
    #main {position: absolute; top: 0; left: 3em; }
    .grid > * {position: relative; }
    .grid > * > * {position: absolute; }
```

CSS Advanced Layout

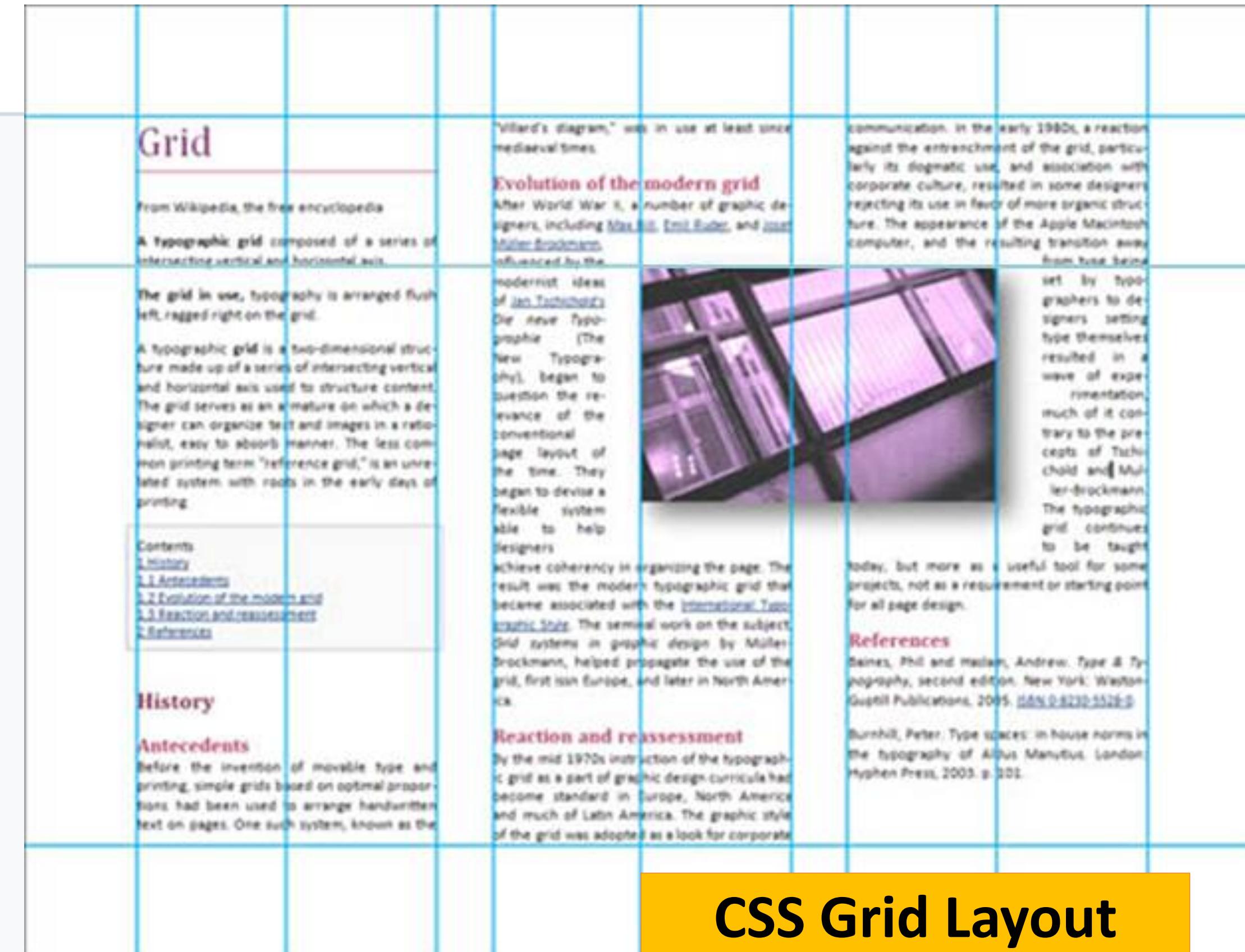


positions and sizing terms as applied to the `grid-item` w' flex container.



XAML Grid

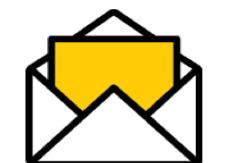
```
<Grid>
    <Grid.RowDefinitions>
        <RowDefinition Height="Auto" />
        <RowDefinition Height="Auto" />
        <RowDefinition Height="*" />
        <RowDefinition Height="28" />
    </Grid.RowDefinitions>
    <Grid.ColumnDefinitions>
        <ColumnDefinition Width="Auto" />
        <ColumnDefinition Width="200" />
    </Grid.ColumnDefinitions>
    <Label Grid.Row="0" Grid.Column="0" Content="Name:"/>
    <Label Grid.Row="1" Grid.Column="0" Content="E-Mail:"/>
    <Label Grid.Row="2" Grid.Column="0" Content="Comment:"/>
```



CSS Grid Layout

</style>

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