# CSS and Servoy 8

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What is CSS ?

- CSS or **C**ascading **S**tyle **S**heet

- Way of style and format HTML

- HTML is about structure and content

- CSS is about presenting this content

- Governed by the W3C organisation

  - there are still browser specific properties

Smart Client

- supports CSS since Servoy 2.1 (august 2004)

- not real CSS

  - parsed by Servoy

  - doesn't support all CSS properties

  - invented some of it's own selectors (form/field/etc.)

- can use different stylesheets per form
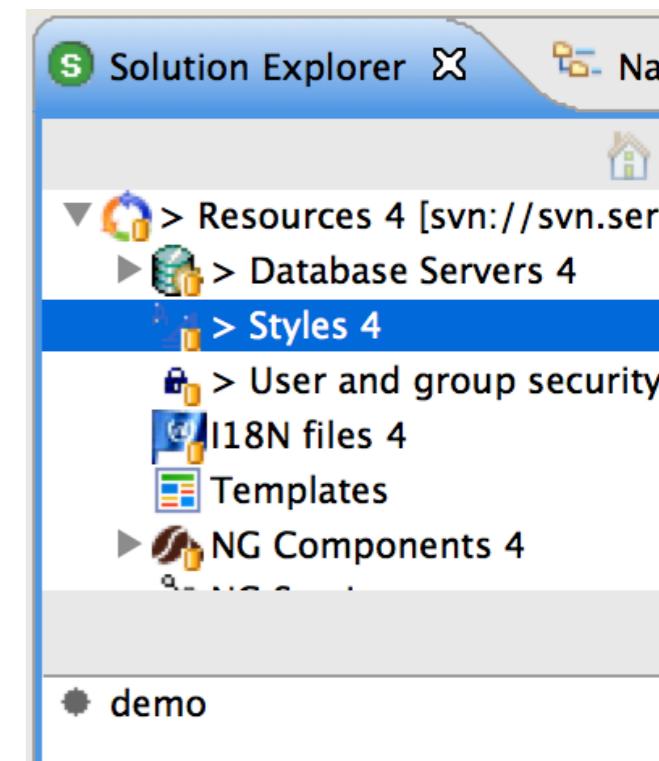
WebClient

- supports CSS since Servoy 3.0 (september 2006)

- not real CSS

  - parsed by Servoy

  - doesn't support all CSS properties

  - supports some more properties than smart client

- can use different stylesheets per form

NG-Client

- No longer interpreted so can use ANY CSS that your browser supports (now and in the future)

- 1 stylesheet for whole solution (!)

- stored in media folder

  - just like media needs to be uniquely named

- old stylesheet under resources is ignored

Relations
Valuelists
Media
Modules
JS Lib
Application
SolutionModel

styleResponsive.css
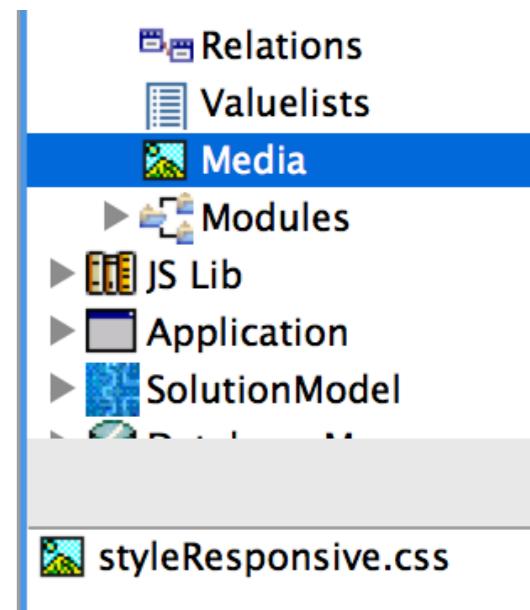
NG-Client

- new selector types and CSS classes svy-x

- responsive uses other (bootstrap) components (bts-x)

- ngclient always comes with bootstrap CSS (might cause weird behavior on old solutions, check the forms in editor)

- coming version allows for soley using your own components (will not export bootstrap css/components)

NG-Client (gotchas)

- margin -> padding

- font size in pt: 3/4 x webclient value

- media("media://mypic.png") -> media("mypic.png")

Bootstrap

- Created by Twitter Inc.

- Open Source

- Bundled with Servoy 8

- HTML, CSS and JS framework

- Works with a 12 column grid (12-Grid)
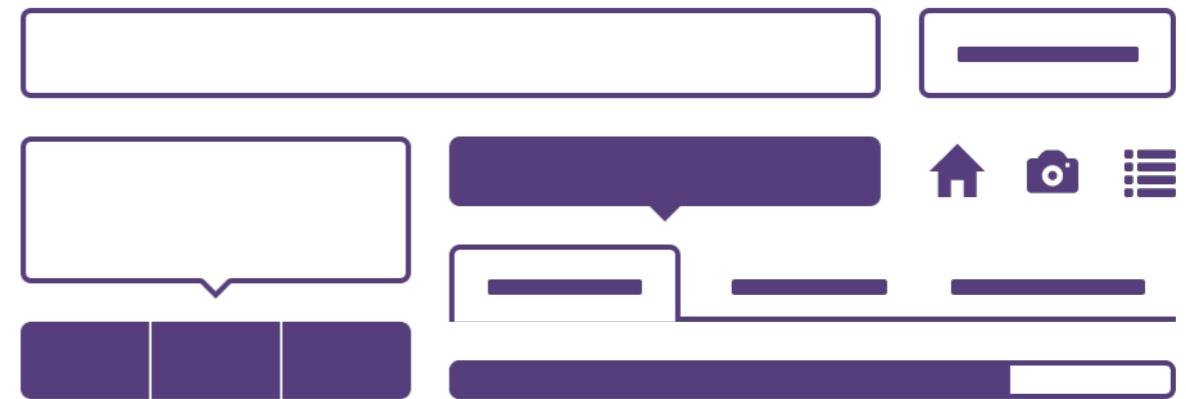
12 Grid

1	2	3	4	5	6	7	8	9	10	11	12

12 Grid

1	2	3	4	5	6	7	8	9	10	11	12

4	4	4
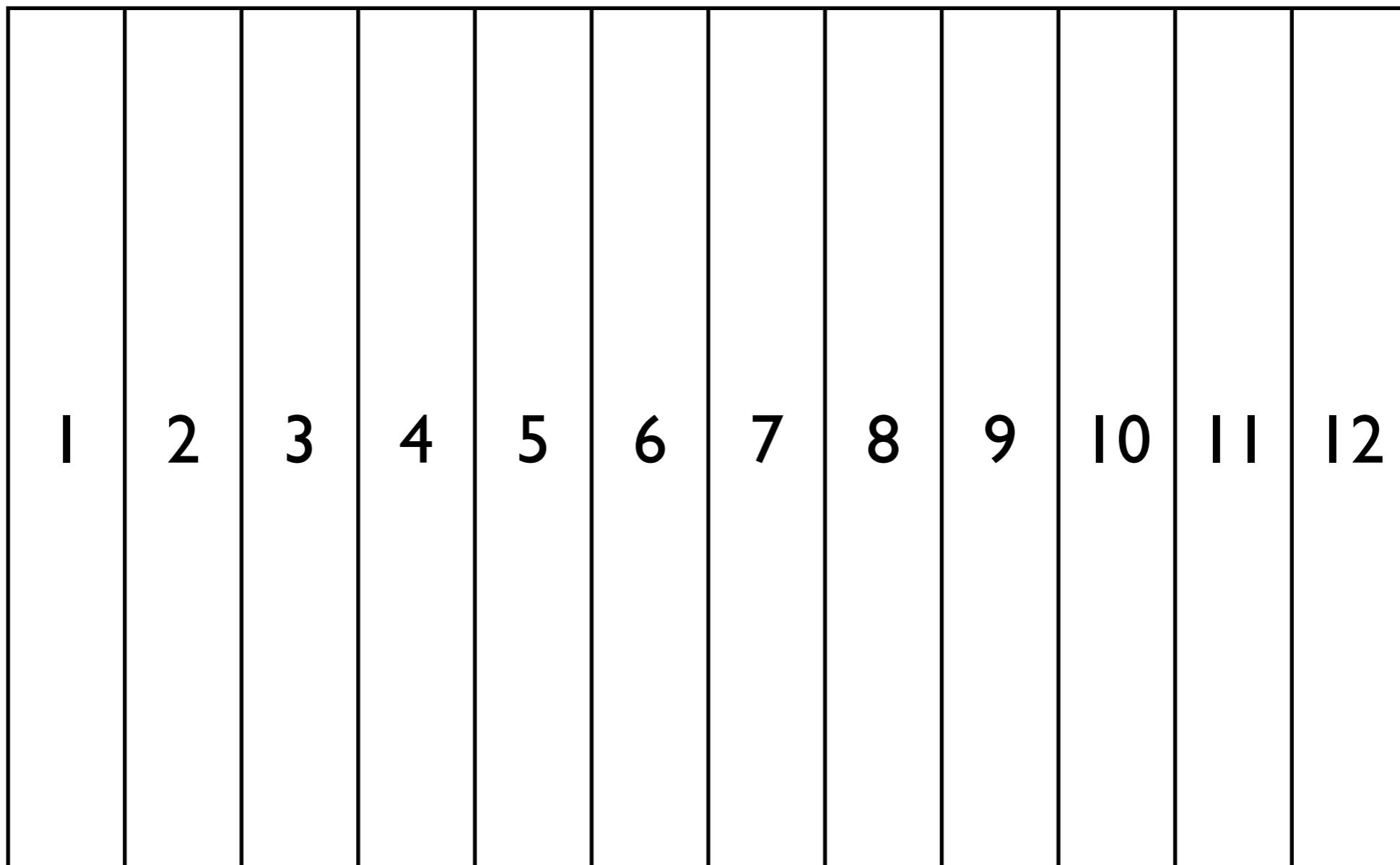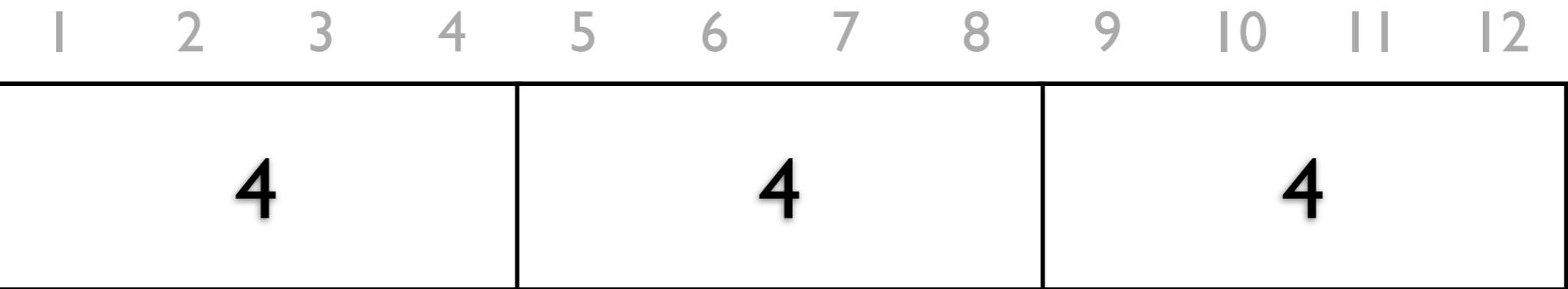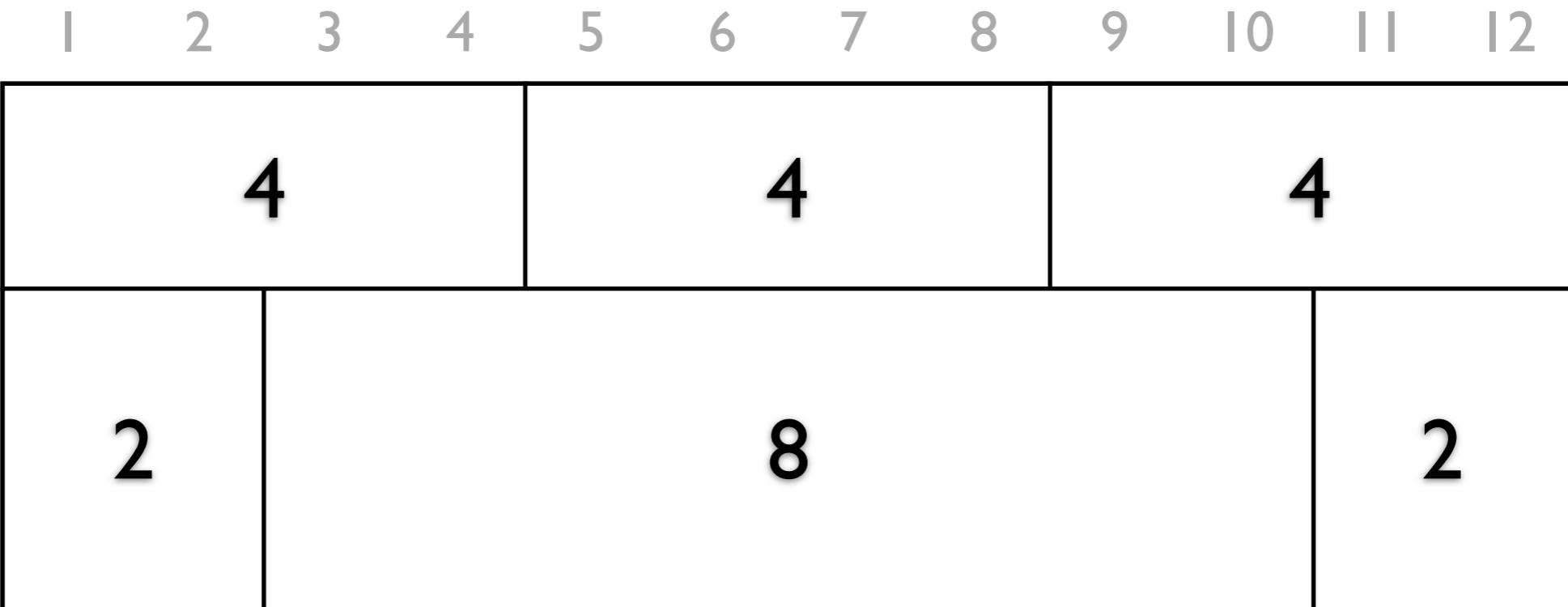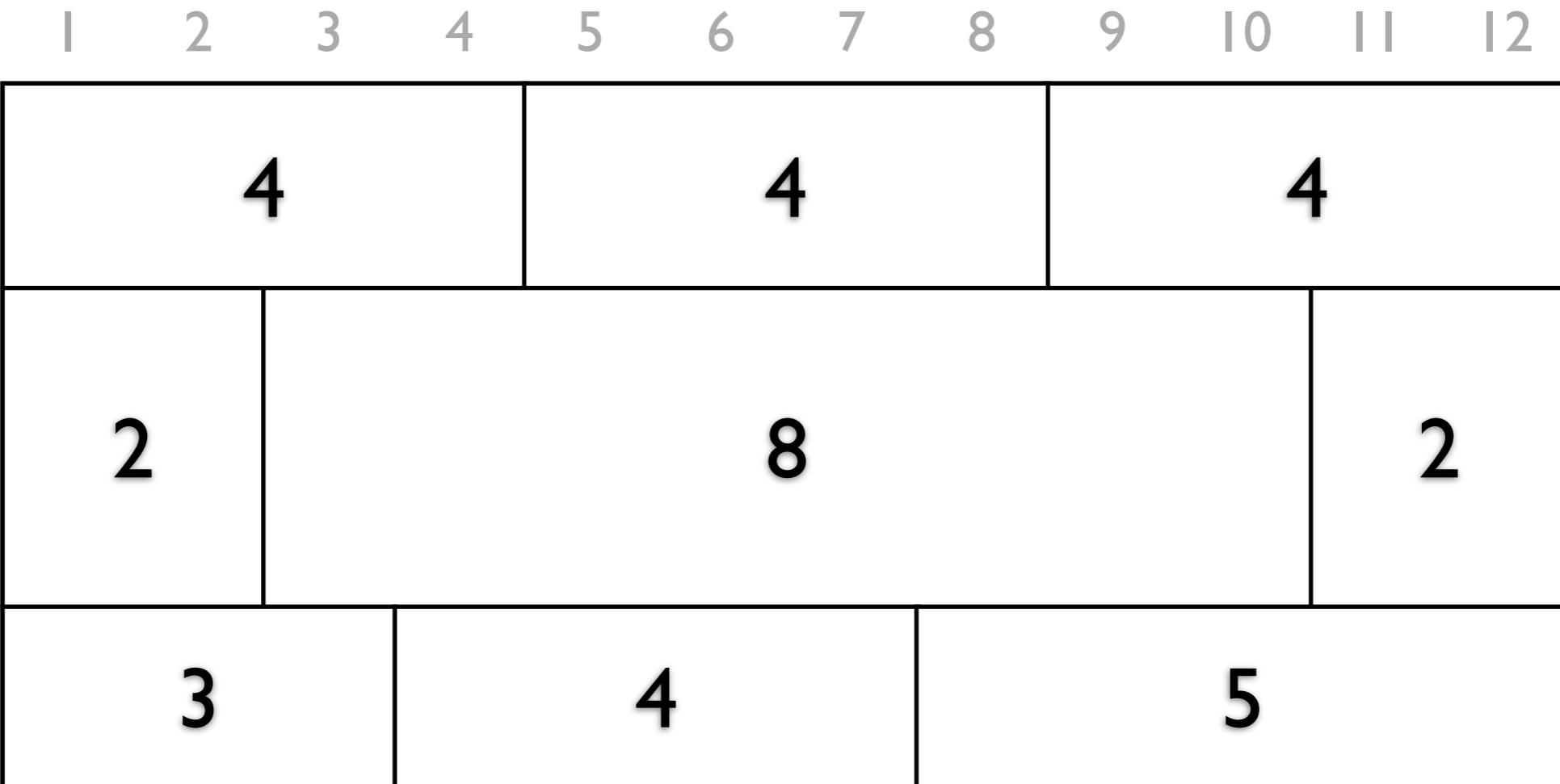
12 Grid

12 Grid

Media Queries

- @media screen and (min-width 1024px) {

    /* your CSS classes */

  }

- @media screen and (min-width 768px) {

    /* your CSS classes */

  }

12 Grid
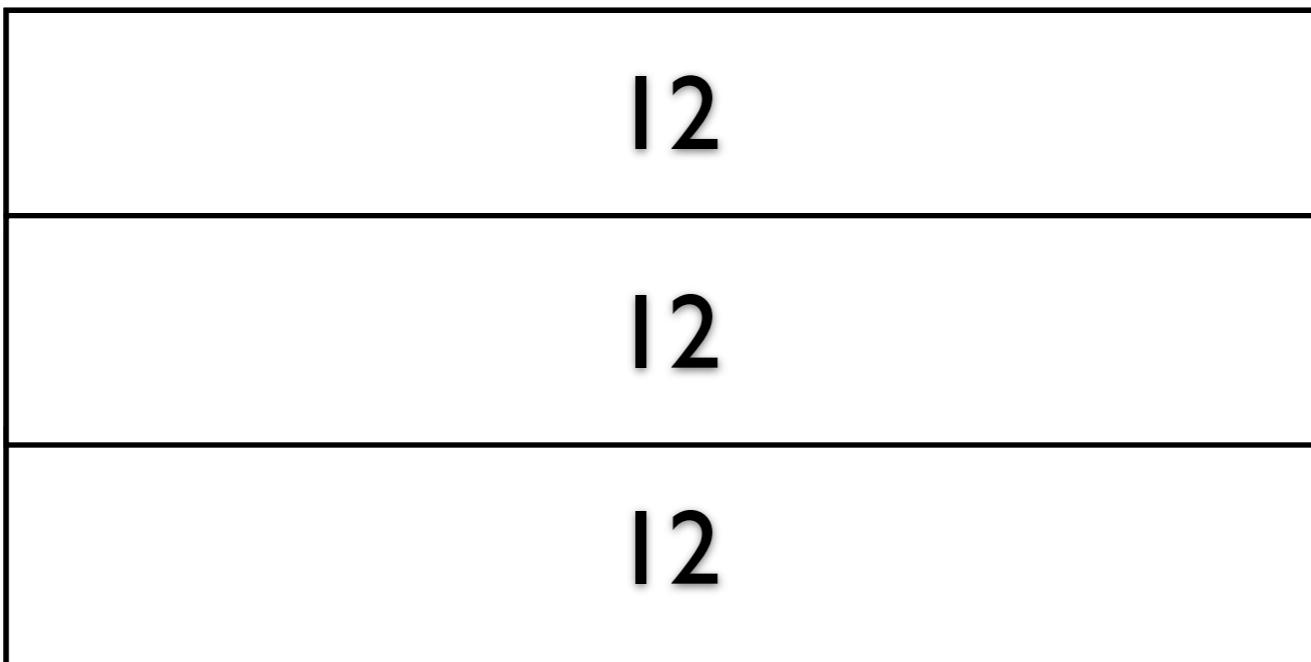
Demo

Glyphicons

- Over 250 icons

- Web Font

- Vector based

- Can be resized to any scale

- Can apply any color to it

- Can set the transparency

Questions

Resources

- https://wiki.servoy.com/display/DOCS/Styling+in+the+NGClient

- http://getbootstrap.com

- http://www.w3schools.com/cssref/default.asp

- http://www.htmlprimer.com/files/primer/css_cheatsheet.pdf