COMPONENT BASED

DESIGN AND DEVELOPMENT

CRISTINA CHUMILLAS

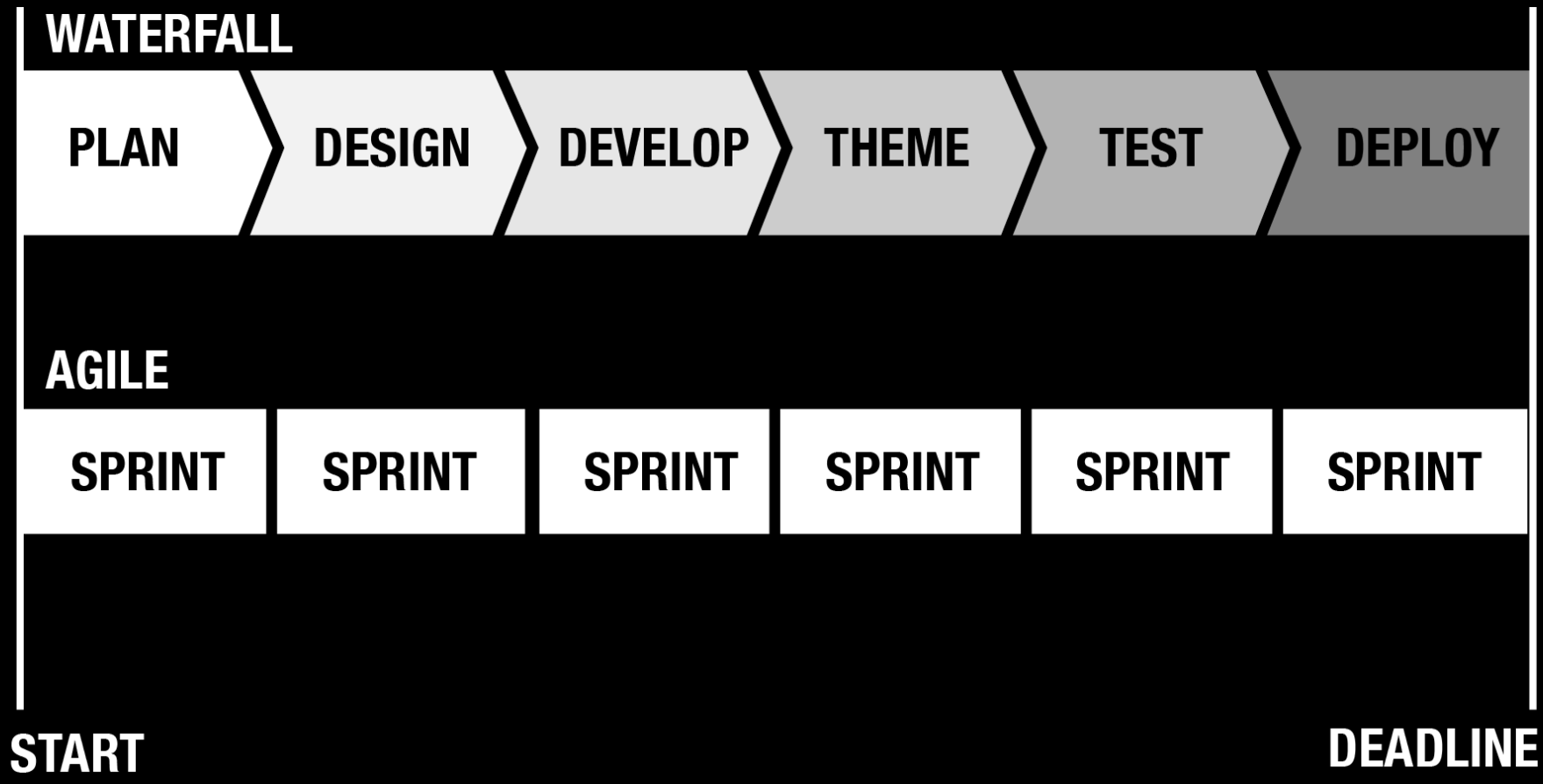
@chumillas / ckrina

Designer and frontend developer at Ymbra

WHAT ARE WE GOING TO TALK ABOUT

- Components
- CSS Methodologies
- Design Systems
- Styles Guides
- In Drupal

WEB PROJECTS


WATERFALL
PLAN
DESIGN
DEVELOP
THEME
TEST
DEPLOY
AGILE
SPRINT
SPRINT
SPRINT
SPRINT
SPRINT
SPRINT
START
DEADLINE

WATERFALL
MAINTENANCE
AGILE
MAINTENANCE
START
DEADLINE

VS

RESPONSIVE INTERACTIONS

...

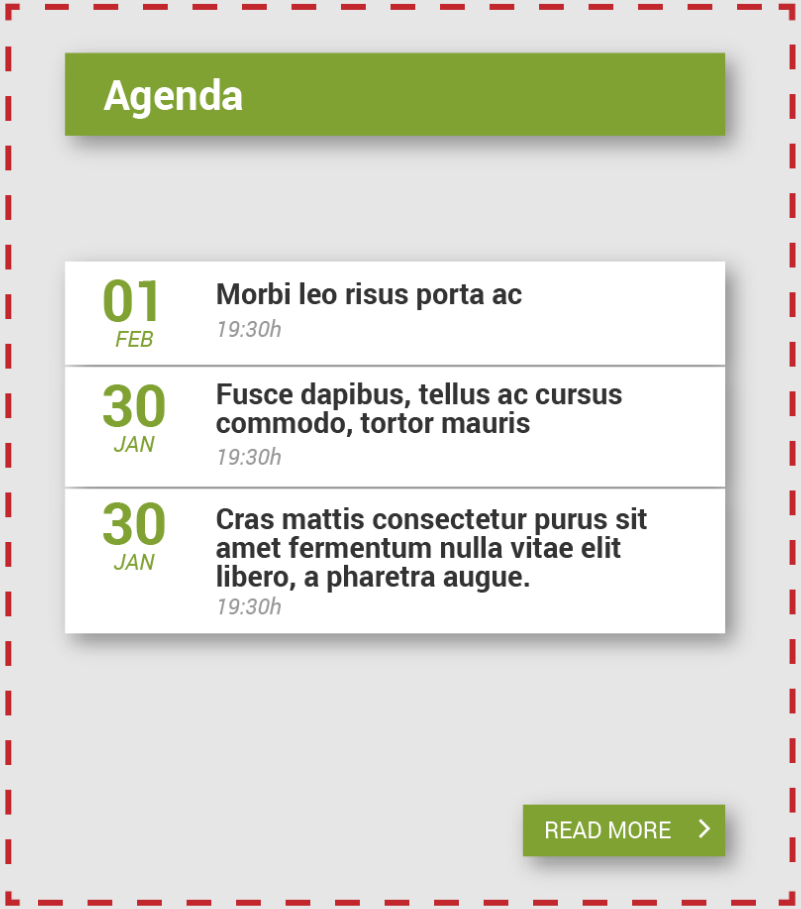
COMPONENTS

Agenda
01
FEB
Morbi leo risus porta ac
19:30h
30
JAN
Fusce dapibus, tellus ac cursus commodo, tortor mauris
19:30h
30
JAN
Cras mattis consectetur purus sit amet fermentum nulla vitae elit libero, a pharetra augue.
19:30h
READ MORE

Agenda

01 FEB	**Morbi leo risus porta ac** *19:30h*
30 JAN	**Fusce dapibus, tellus ac cursus commodo, tortor mauris** *19:30h*
30 JAN	**Cras mattis consectetur purus sit amet fermentum nulla vitae elit libero, a pharetra augue.** *19:30h*

READ MORE >


Agenda
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19:30h
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JAN
Cras mattis consectetur purus sit amet fermentum nulla vitae elit libero, a pharetra augue.
19:30h
READ MORE

```
<div class="agenda">

  <h2 class="agenda__title">Agenda</h2>

  <ul class="agenda__content">
    <li class="event">...</li>
    <li class="event">...</li>
    <li class="event">...</li>
  </ul>

  <a class="agenda__readmore" href="agenda">
    Read more
  </a>

</div>
```

Agenda
01
FEB
Morbi leo risus porta ac
30
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30
JAN
Cras mattis consectetur purus sit amet fermentum nulla vitae elit libero, a pharetra augue.
READ MORE

CSS METHODOLOGIES

BEM

(Block Element Modifier)

```
.site-search {}          /* Block */
.site-search__field {}   /* Element */
.site-search--full {}    /* Modifier */
```

BEM

(Block Element Modifier)

```
<div class="block-name__wrapper">
  <div class="block-name">
    <h2 class="block-name__title">Block title</h2>
    <p class="block-name__text">Block text</p>
  </div>
</div>
```

BEM

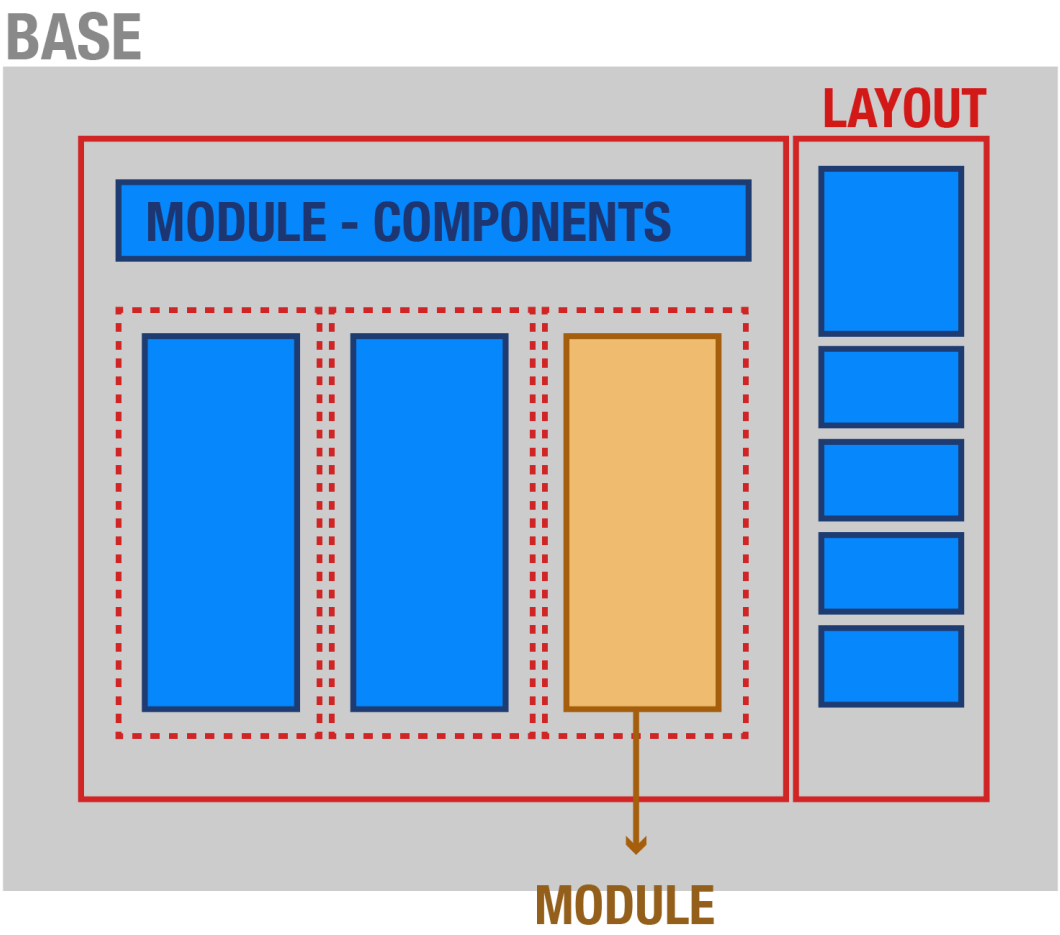
(Block Element Modifier)

```
<div class="block-name--big">
  <h2 class="block-name__title">Block title</h2>
  <p class="block-name__text">Block text</p>
</div>
```

SMACSS

- Base
- Layout
- Module (Components)
- State
- Theme

SMACSS



DESIGN SYSTEMS

Everything that makes up your product.

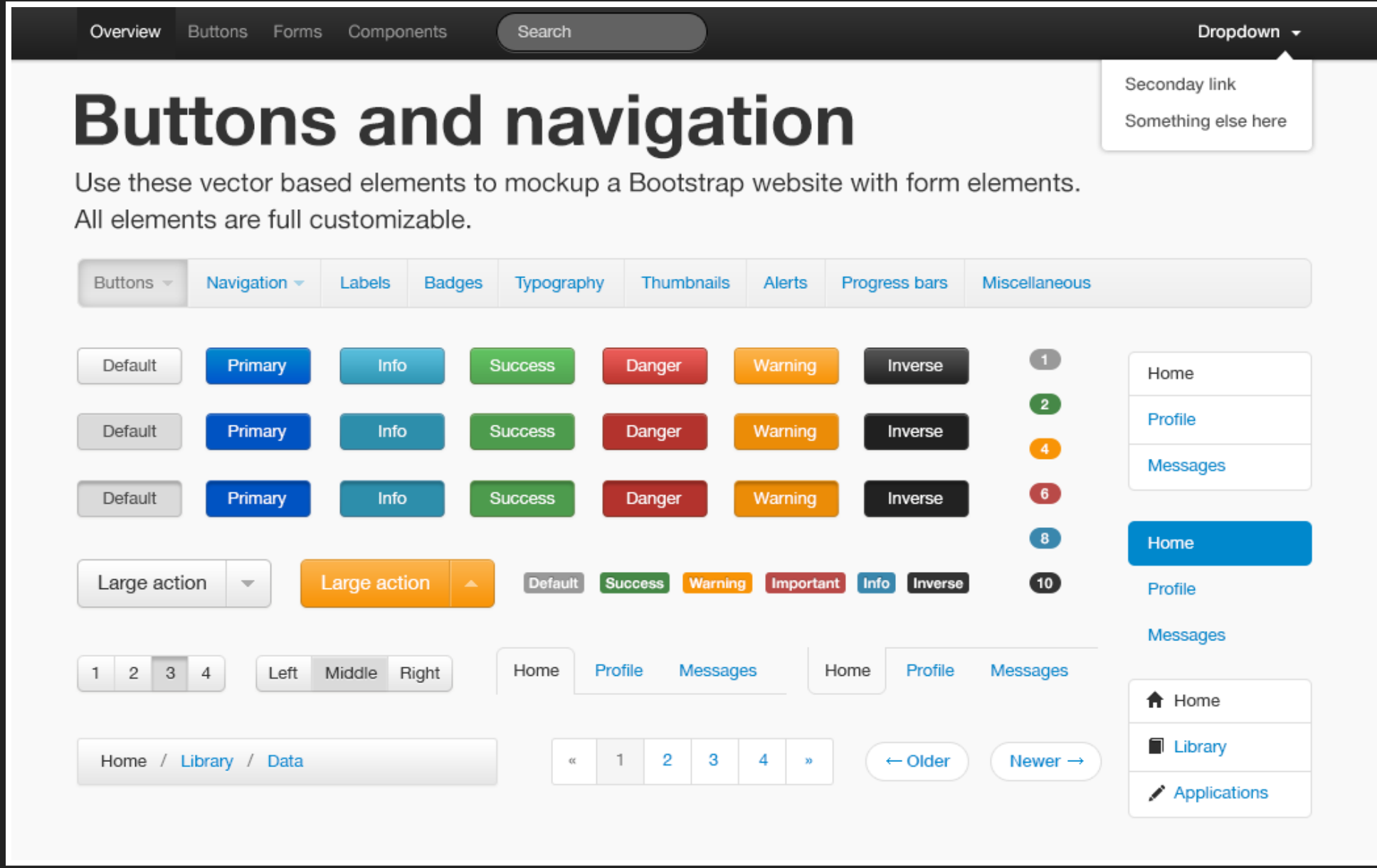
--Mark Otto, FOWA 2013

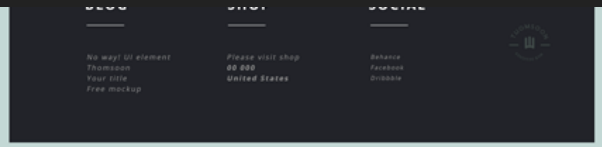
Everything.

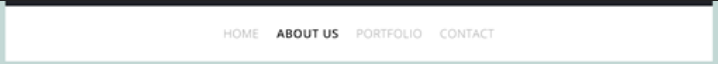
Typography, layouts and grids, colors, icons, components, coding conventions

“We’re not designing pages, we’re designing systems of components.”

--Stephen Hay


Overview
Buttons
Forms
Components
Search
Dropdown
Seconday link
Something else here
Buttons and navigation
Use these vector based elements to mockup a Bootstrap website with form elements.
All elements are full customizable.
Buttons
Navigation
Labels
Badges
Typography
Thumbnails
Alerts
Progress bars
Miscellaneous
Default
Primary
Info
Success
Danger
Warning
Inverse
Large action
Important
1
2
3
4
Left
Middle
Right
Home
Profile
Messages
Library
Applications
Home / Library / Data
«
»
← Older
Newer →

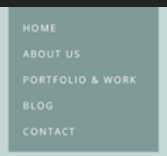




FEATURED

free multipurpose UI for personal and commercial project.

READ MORE



01/14

KITCHEN TOOLS

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NO WAY?

FREE UI DOWNLOAD

CALENDAR

NOVEMBER 2014

03/14

RETRO STYLE KEYBOARD

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THOMSOON

Front-end developer, UI/Web designer and video producer

COMMENTS

THOMSOON | 12 july 2014, 20:02 / reply

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do tempor incididunt ut labore et dolore magna aliqua. Ut enim ad veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip commodo consequat.

ARCHIQ | 12 july 2014, 20:05 / reply

Lorem ipsum dolor sit amet, consectetur elit, sed do eiusmod tempor incididunt et dolore...

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Your e-mail

Message

SEND

SETTINGS

RESPONSIVE

CUSTOM STYLE CSS

34 clients

09/14

MY WORK

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THOMSOON

Front-end developer, UI/Web designer and video producer

THOMSOON

Front-end developer, UI/Web designer and video producer

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ENTER

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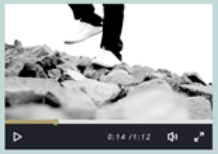
CLEAN

Free UI kit clean and modern multipurpose free for all.

READ MORE

STATISTICS



DESCRIPTION

Free UI kit clean and modern multipurpose free for all.

AUTOR

Tomasz Mazurczak

SHARE

MY WORK

LOAD MORE

HOME

ABOUT US

PORTFOLIO

CONTACT

ONE ITEM

Front-end developer, UI/Web designer and video producer

WARSZAWA

FRI, 24/05

26°C

DRY

TODAY

FRI, 24/05

26°C

DRY

YESTERDAY

WARSZAWA

FRI, 24/05

26°C

DRY

STATISTICS

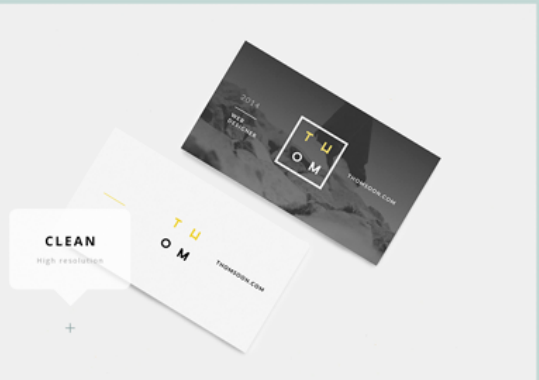
PLAN HOSTING

FREE	PRO	EXTREME
2 DOMAINS	2 DOMAINS	100 DOMAINS
200MB SPACE	20GB SPACE	1TB SPACE
1TB TRANSFER	10TB TRANSFER	100TB TRANSFER
5 ADDRESS E-MAIL	25 ADDRESS E-MAIL	200 ADDRESS E-MAIL
$0.00	$9.99	$19.99

TAGS

thomsoon Free UI UX Download

COMMENTS



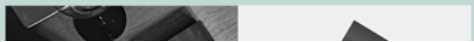
LOGIN

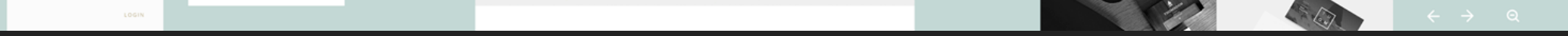
LOGIN thomsoon

PASSWORD

BY TOMASZ MAZURCZAK

THOMSOON.COM





WHY DESIGN SYSTEMS?

Reusable work - COMPONENTS

More efficient projects

Large-scale ready code

Everybody knows how everything works

Integrates multi-disciplinary workflow

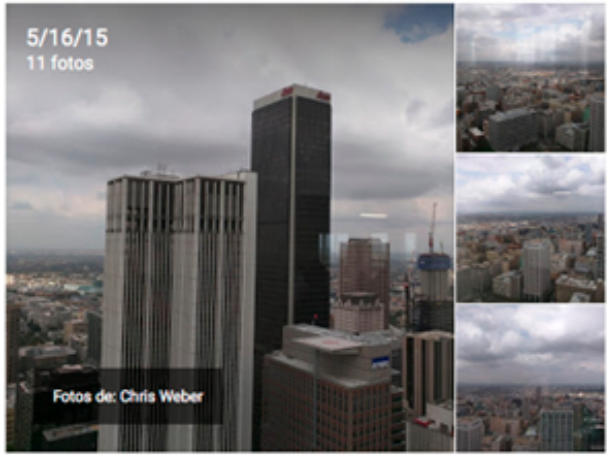
CARD DESIGN

Drupal Community on Google+

Chris Weber PROPIETARI
General Discussion - 1:04

Extended contribution sprint day is not over, but it is for me. I'm headed back to the airport and getting set to fly home.

It has been a fun weekend in LA. And I'm already looking forward to
Més informació · Tradueix



+2 Afegeix un comentari...

DrupalCon Barcelona
@DrupalConEur

Seguint

The local community has a message for you: see you in Barcelona in September!
vimeo.com/127909941

Mostra-ho traduït

Vimeo

Barcelona locals message

View on web

RETUITS 6 PREFERIT 1

18:42 - 15 maig 2015

Resposta a @DrupalConEur

DrupalCon
4 hores ·

Meet the amazing sprint mentors from Friday's mentored sprints in Los Angeles

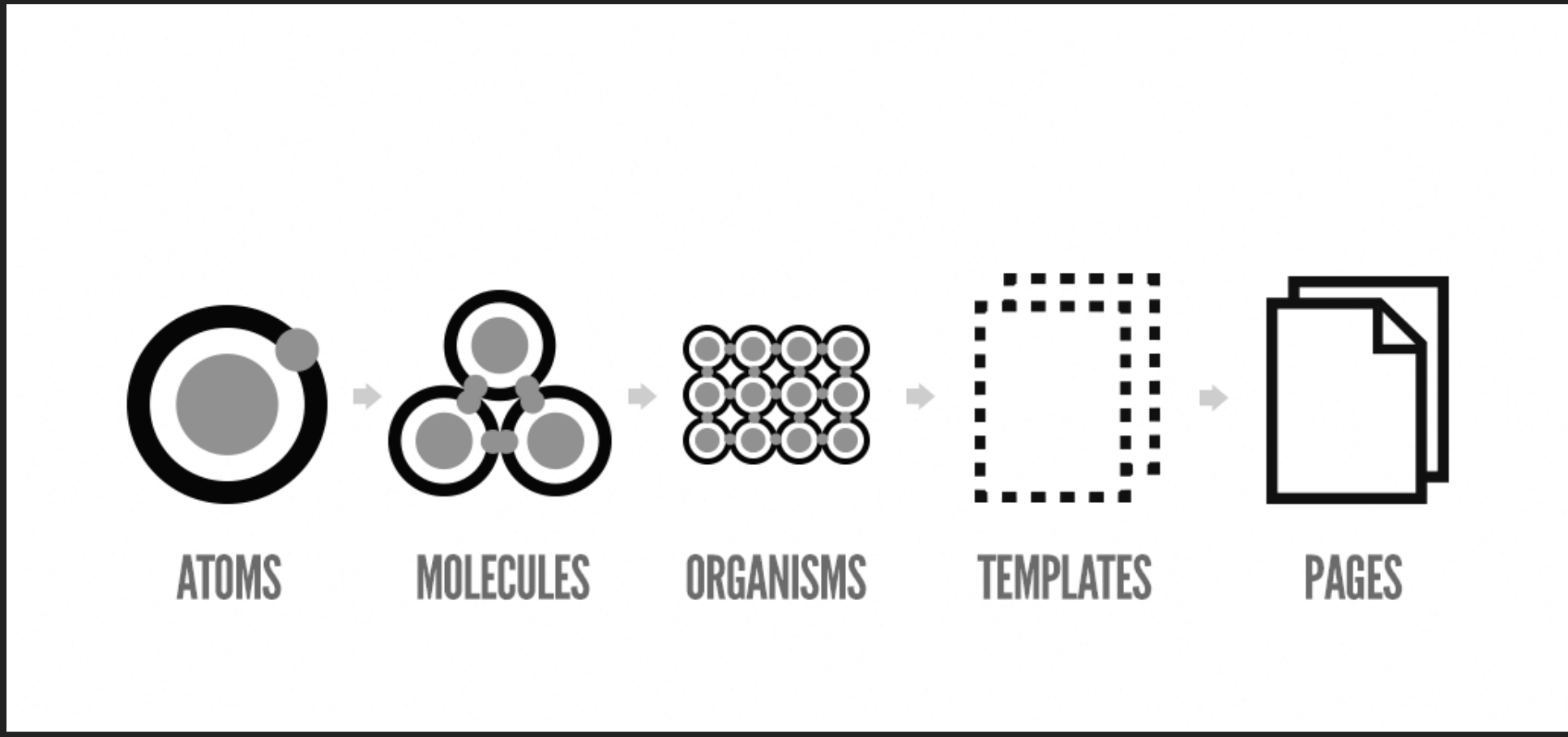
See Translation

759 persones d'abast Promociona la publicació

M'agrada · Comenta-ho · Comparteix · 31 3 1

ATOMIC DESIGN

BRAD FROST



Your name

BY TOMASZ MAZURCZAK

Your name

BY TOMASZ MAZURCZAK

Your name

Your e-mail

Message

SEND

Front-end developer, UI/Web designer and video producer

COMMENTS

THOMSOON *| 12 july 2014, 20:02 / reply*

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do tempor incididunt ut labore et dolore magna aliqua. Ut enim ad veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip commodo consequat.

ARCHIQ *| 12 july 2014, 20:05 / reply*

Lorem ipsum dolor sit amet, consectetur elit, sed do eiusmod tempor incididunt et dolore...

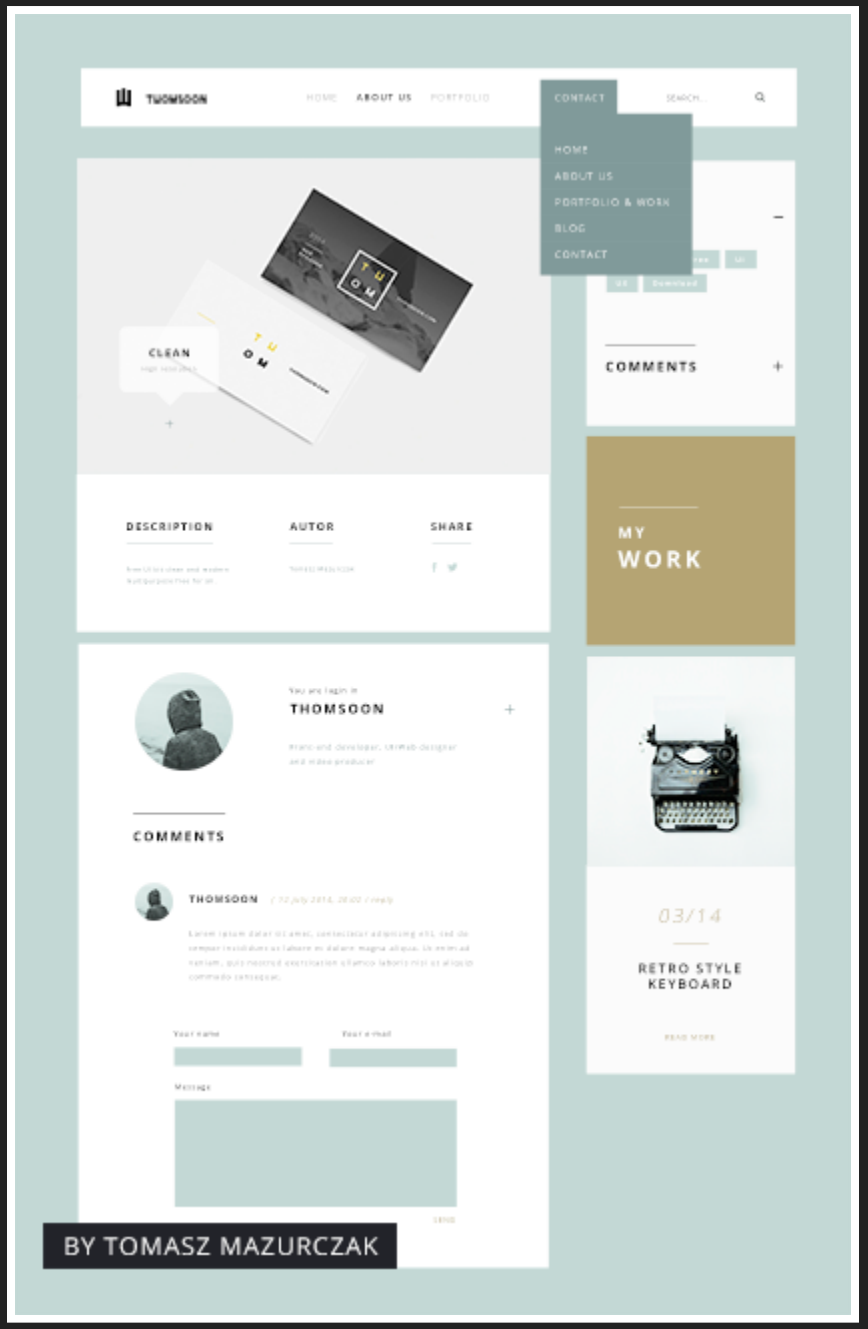
Your name

Your e-mail

Message

SEND

BY TOMASZ MAZURCZAK


THOMSOON
HOME
ABOUT US
PORTFOLIO
CONTACT
SEARCH
HOME
ABOUT US
PORTFOLIO & WORK
BLOG
CONTACT
CLEAN
COMMENTS
DESCRIPTION
AUTOR
SHARE
MY
WORK
You are login in
THOMSOON
COMMENTS
THOMSOON
03/14
RETRO STYLE
KEYBOARD
BY TOMASZ MAZURCZAK

WHEN?

WIREFRAMES

Static wireframes vs HTML Wireframes

STATIC WIREFRAMES

- They’re abstractions
- They’re full of assumptions
- They’re verbose
- They’re a crutch

HTML WIREFRAMES

- They get into the browser quicker
- They reinforce the notion that you’re creating a website
- They’re interactive
- They allow for living, breathing annotations
- They lay the foundation for the final product

DESIGNING IN THE BROWSER

- PSD/ for early planning/research phases
- The composition in the browser
- Make decisions in the browser
- Reusable work

STYLE GUIDES

Documentation of a Design System

GOV.UK — Colours

Standard palette, colours

Purple

#2e358b
rgb(46, 53, 139)

#9799c4
rgb(151, 153, 196)

#d5d6e7
rgb(213, 214, 231)

Mauve

#6f72af
rgb(111, 114, 175)

#b7b9d7
rgb(183, 185, 215)

#e2e2ef
rgb(226, 226, 239)

Fuschia

#912b88
rgb(145, 43, 136)

#c994c3
rgb(201, 148, 195)

#e9d4e6
rgb(233, 212, 230)

Pink

#d53880
rgb(213, 56, 128)

#eb9bbe
rgb(235, 155, 190)

#f6d7e5
rgb(246, 215, 229)

Baby Pink

#f499be
rgb(244, 153, 190)

#faccdf
rgb(250, 204, 223)

Red

#b10e1e
rgb(177, 14, 30)

#d9888c
rgb(217, 136, 140)

Mellow Red

#df3034
rgb(223, 48, 52)

#ef9998
rgb(239, 153, 152)

Orange

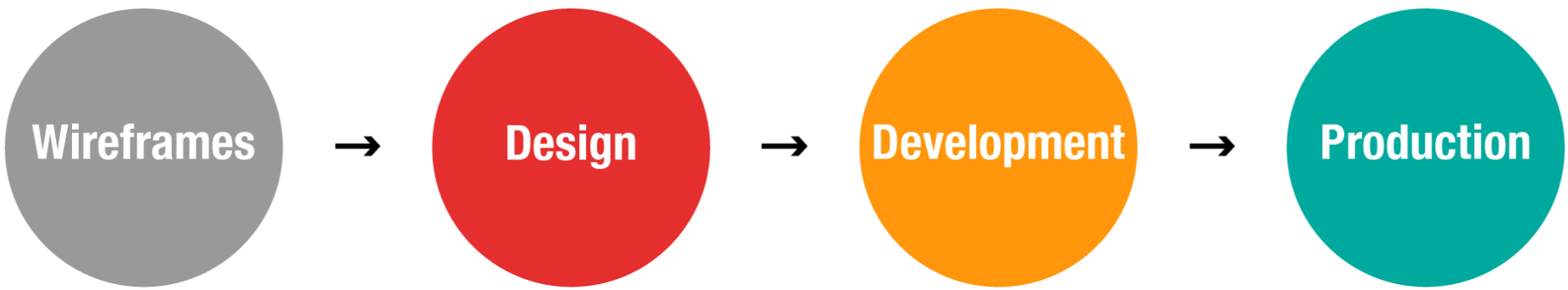
#f47738
rgb(244, 119, 56)

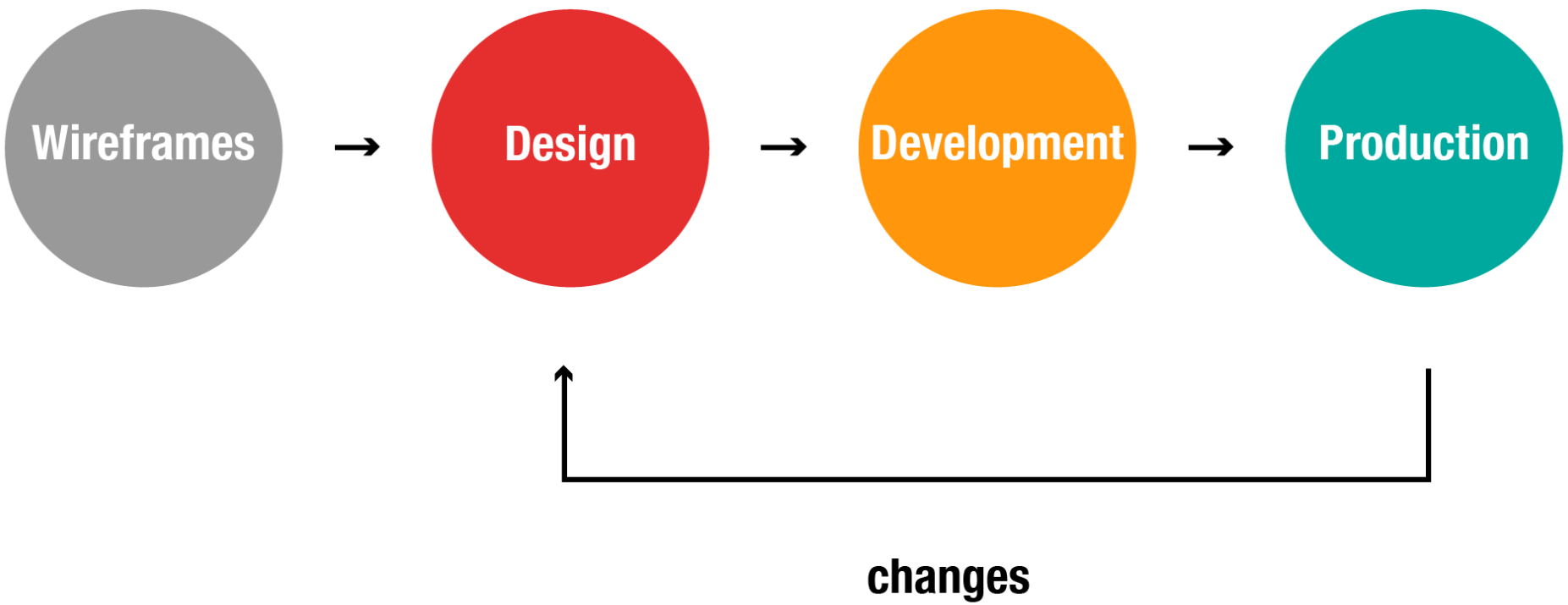
#fabb96
rgb(250, 187, 150)

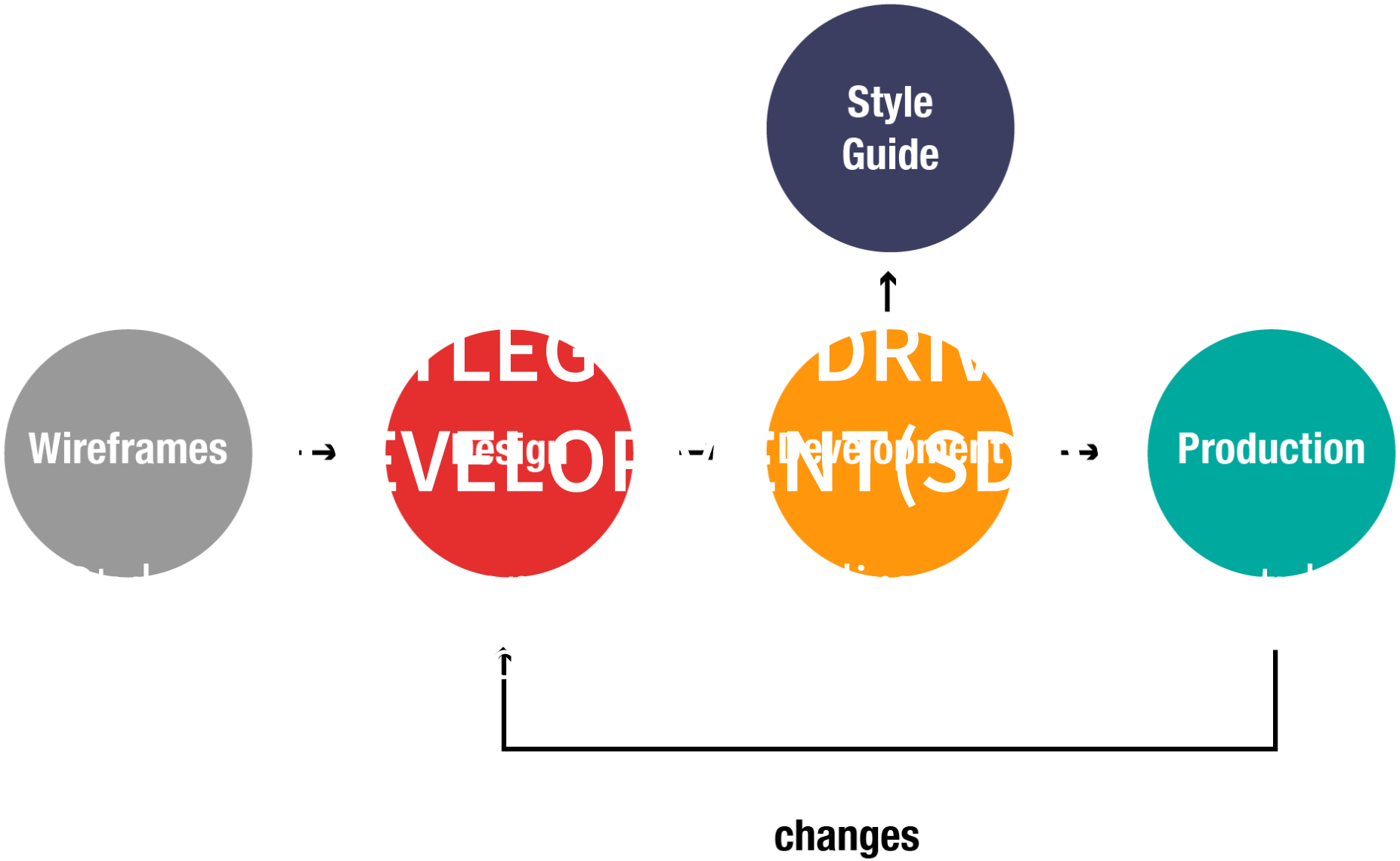
#fdebf2 #efcfd1 #f9d6d6 #fde4d4

WHY?

- Improve User Experience
- Easy onboarding of new team members
- Efficient Design and Development
- Makes Testing easier


Wireframes
Design
Development
Production


Wireframes
Design
Development
Production
changes


Style Guide
Wireframes
Production
changes

STYLE GUIDES

Drupal Style Guide module

KSS (Knyle Style Sheets) (Zen 6)

Pattern Lab

STYLE GUIDES - RESOURCES

styleguides.io

Articles, Books, Podcasts, Talks, Tools, Examples, etc.

IN DRUPAL

ADAPT TO AGNOSTIC STYLE GUIDES

1. Wrapping components
2. Changing default markup

UI COMPONENTS TO DRUPAL COMPONENTS

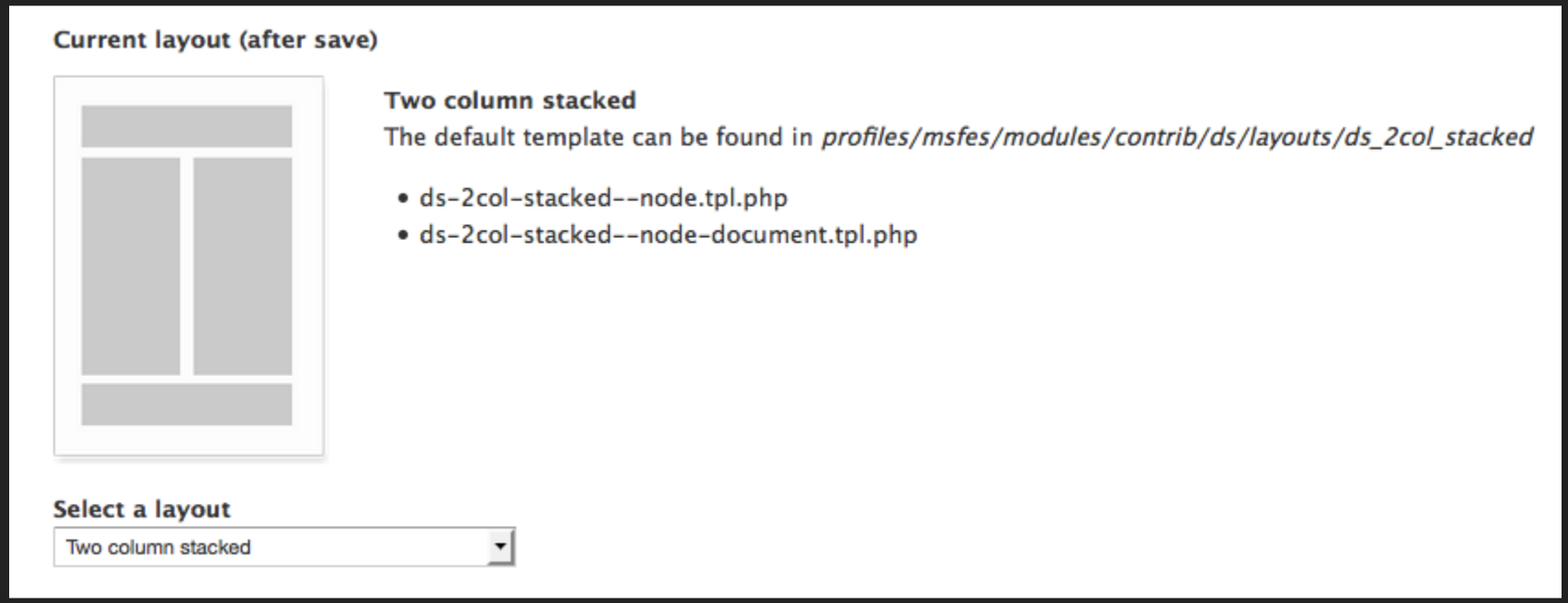
CODING

- Field formatter
- `hook_alter`
- Process and preprocess functions
- ...

UI COMPONENTS TO DRUPAL COMPONENTS

DISPLAY SUITE

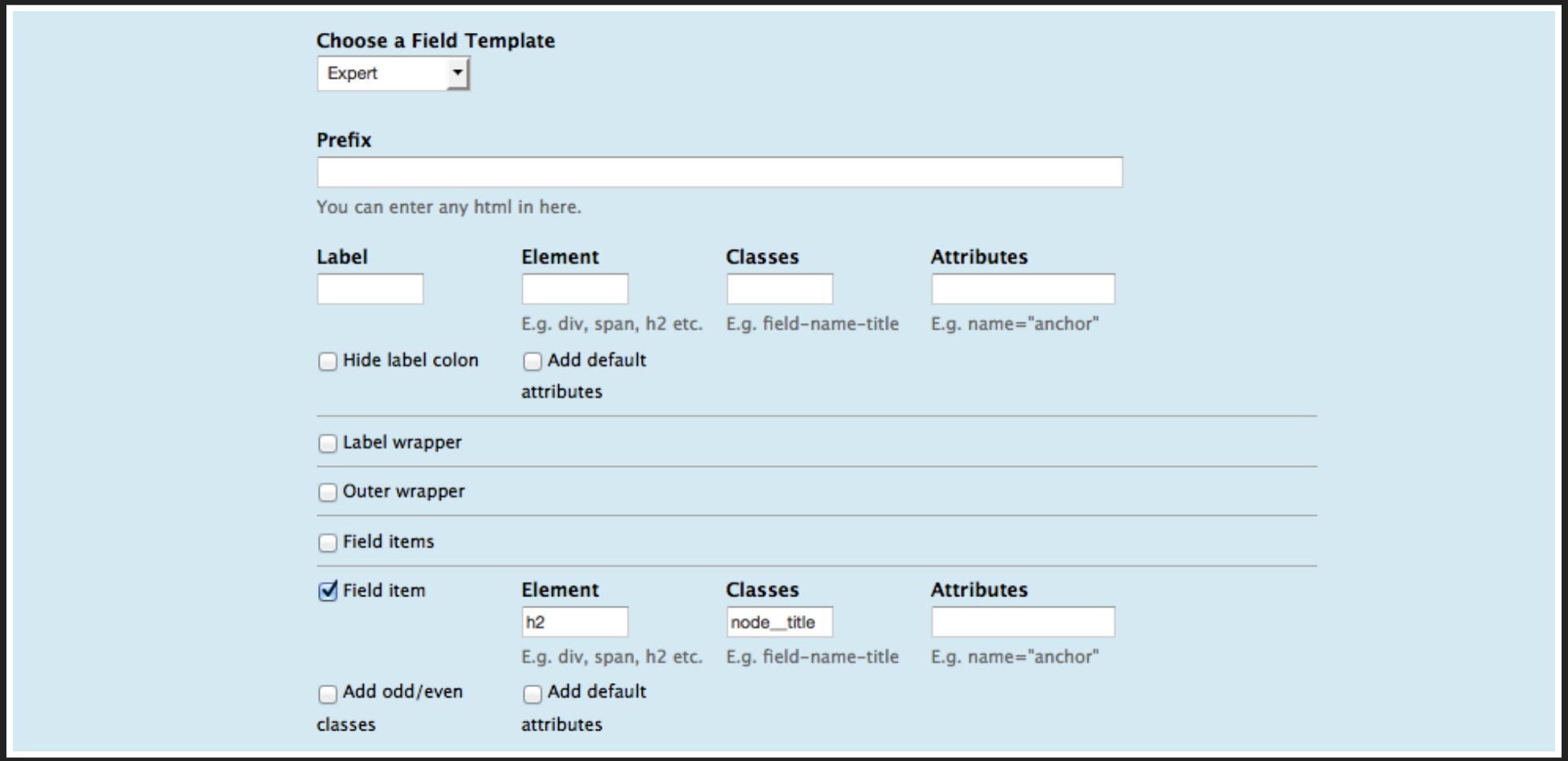
View modes



UI COMPONENTS TO DRUPAL COMPONENTS

DISPLAY SUITE

Field templates



UI COMPONENTS TO DRUPAL COMPONENTS

PANELS

- Custom Panes
- Mini Panels
- Context

THANKS!

@chumillas / ckrina