PUG

Conceptos Básicos

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INSTALAR PUG

- Comandos

  >> npm install pug -g

  >> npm install pug-cli -g

  >> npm list -g --depth=0

  >> pug file.pug -P

  >> pug -w -P pug -o html

DOCUMENTO HTML

- HTML5

```
doctype
html(lang='es')
    head
        meta(charset='utf-8')
        title Documento HTML 5
    body
        h1 Documento HTML 5
```

ATRIBUTOS

- Atributos en Línea

  a(class='button', href='google.com', target='_blank') Google

  a(class='button' href='google.com' target='_blank') Google

- Atributos en Multi Línea

  ```
  input(
    type='checkbox'
    name='agreement'
    checked
  )
  ```

ATRIBUTOS

- ## Atributos Booleanos

  input(type='checkbox' checked)

  input(type='checkbox' checked=true)

  input(type='checkbox' checked=false)

- ## Estilos en los Atributos

  a(style={color: 'white', background: 'crimson'})

  - var clases = ['yellow', 'blue', 'red']

  a(class=clases)

ATRIBUTOS

- Clases Literal

  a.button

  .link

  button.large.red.center

- Identificador Literal

  a#link1

  #btn1

ESTILOS CSS

- CSS en archivo PUG

```
style(stylesheet).
    .classname    { property: value; }

    p#valueunique {
        property1: value1;
        property2: value2;
        property3: value3;
    }
```

JAVASCRIPT

- Js en archivo pug

<section id="output"></section>

script.
   var op = document.getElementById('output');

   var name = prompt("What's your name?");

   op.innerHTML = '<h1> Welcome: '+name+'</h1>';

CASOS

```
- var friends = 8
case friends
    when 0
        p you have no friends
    when 1
        p you have a friend
    default
        p you have #{friends} friends
```

```
- var friends = 0
case friends
    when 0
    when 1
        p you have very few friends
    default
        p you have #{friends} friends
```

CASOS

```
- var friends = 0
case friends
    when 0
        - break
    when 1
        p you have very few friends
    default
        p you have #{friends} friends
```

```
- var friends = 1
case friends
    when 0: p you have no friends
    when 1: p you have a friend
    default: p you have #{friends} friends
```

CODIGO

• Sin Búfer

```
- for (var i = 0; i < 10; i++)
    li item


-
    var list = ["Red", "Green", "Blue"]
each item in list
    li= item
```

• Con Bufer

```
p= 'This code is' + ' <escaped>!'

p!= 'This code is' + ' <escaped>!'


p
  = 'Code contain <strong>html</strong>'


p
  != 'Code contain <strong>html</strong>'
```

COMENTARIOS

- Linea

  // This is a one line comment

- No en HTML

  //- This comment will not output within markup

- Bloque

  //-
      Comments for your template writers.
      Use as much text as you want.
   //
      Comments for your HTML readers.
      Use as much text as you want.

CONDICIONALES

```
- var authorised = false
-  var user = { description: 'Lorem Ipsum Dolor' }

article#user
    if authorised
        h2.green Description
        p.description= user.description
    else
        h2.red Description
        p.description User has no description
```
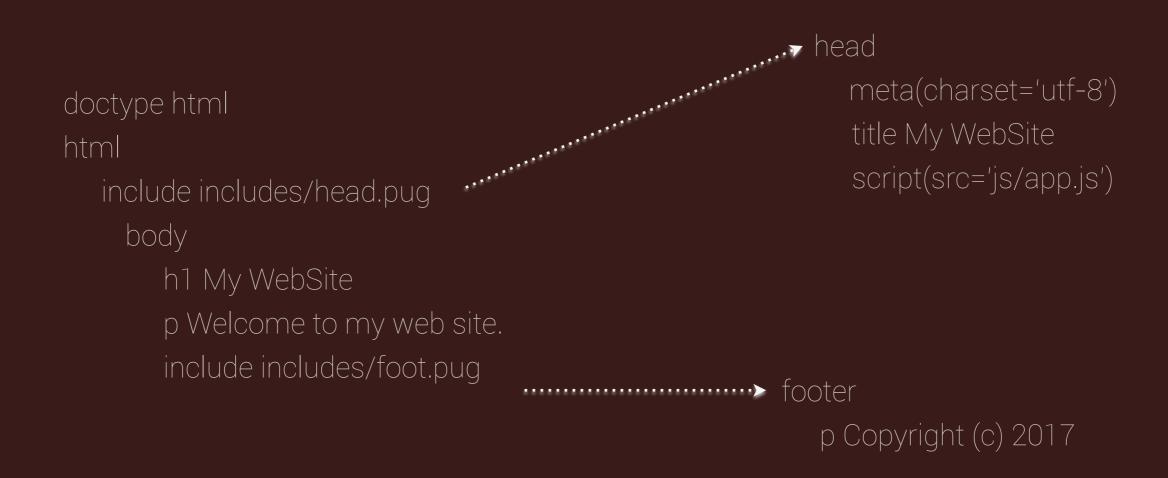
TIPOS DE DOCUMENTOS

- doctype html
- doctype xml
- doctype transitional
- doctype strict
- doctype frameset
- doctype 1.1
- doctype basic
- doctype mobile
- doctype plist

INCLUIR

- Insertar contenido PUG

```
doctype html
html
    include includes/head.pug
      body
          h1 My WebSite
          p Welcome to my web site.
          include includes/foot.pug
```

head
    meta(charset='utf-8')
    title My WebSite
    script(src='js/app.js')

footer
    p Copyright (c) 2017

INCLUIR

- Insertar texto plano

```
doctype html
html
    head
        style
            include style.css
    body
        h1 My Web Site
        p Welcome to my web site.
        script
            include script.js
```

```
h1 {
    background-color: crimson;
    color: white;
}
```

```
var x = 5;
var y = 6;
var rs = x + y;
console.log('Result: '+rs);
```

HERENCIA

- Plantilla reemplazar con herencia

```
extends include/layout.pug


block title
    title Lorem



block content
    h1 Lorem
    p  Lorem ipsum dolor sit amet.
```

```
doctype html
html
    head
        meta(charset="UTF-8")
        block title
        title Default
    body
        block content
```

HERENCIA

- Plantilla añadir con herencia

extends includes/layoutgame.pug

block append head
  script(src='js/game.js')

html
  head
    block head
      script(src='js/jquery.js')
  body
    block content

ITERACIONES

- Each

- While

```
ul
    each val in [1, 2, 3, 4, 5]
        li= val


ul
    each val, index in ['zero', 'one', 'two', 'three']
        li= index + ': ' + val


- var values = [];
ul
    each val in values.length ? values : ['There are no values']
        li= val
```

```
- var n = 0;
ul
    while n < 4
        li= n++
```

REUTILIZABLE

- Mixins

```
//- Declaration
mixin list
 ul
     li Element1
     li Element2
     li Element3


//- Use it
+lista
+lista
```

```
mixin pet(name)
    li.pet= name
ul
    +pet('cat')
    +pet('dog')
    +pet('pig')
```

```
mixin article(title)
    .article
        h1= title
        if block
            block
        else
            p No content provided

+article('Hello world')

+article('Hello world')
    p This is my
    p Amazing article
```