



pugjs.org

¿Cómo instalar?

1. Primero descargar la última versión de Node.JS
2. Después escribir en la terminal el siguiente comando:
`npm install pug-cli -g`
3. Y ejecuta:
`pug --help`

¿Cómo compilar?

- Primero crea un archivo con la extensión .pug “index.pug”, luego abre la terminal en la carpeta donde lo creaste y compílalo:
- Para compilar una sola vez:
`pug archivo.pug`
- Para compilar cada vez que el archivo cambie:
`pug -w archivo.pug`
- Para compilar HTML indetado:
`pug -w --pretty archivo.pug`
- Para compilar todos los archivos dentro de un directorio:
`pug directorio`

Estructura básica de un HTML5

```
doctype html
html(lang="en")
  head
    meta(charset="UTF-8")
    meta(name="viewport", content="width=device-width, initial-scale=1.0")
    meta(http-equiv="X-UA-Compatible", content="ie=edge")
    title Document
  body
```

Ejemplos para practicar
en pug:

Atributos

Pug

```
a(href='google.com') Google
|
|
a(class='button' href='google.com') Google
|
|
a(class='button', href='google.com') Google
```

Normal JavaScript expressions work fine, too:

```
- var authenticated = true
body(class=authenticated ? 'authed' : 'anon')
```

Resultado en HTML

```
<a href="google.com">Google</a>
<a class="button" href="google.com">Google</a>
<a class="button" href="google.com">Google</a>
```

```
<body class="authed"></body>
```

Atributos

Pug

```
- var authenticated = true  
body(class=authenticated ? 'authed' : 'anon')
```

Resultado en HTML

```
<body class="authed"></body>
```

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

```
<input type="checkbox" name="agreement" checked="" />
```



Atributos

Pug

```
// - In this case, `(click)` is treated as a  
// - function call instead of a attribute name,  
// - resulting in the unusual error.  
div(class='div-class' (click)='play()')
```

```
div(class='div-class', (click)='play()')  
div(class='div-class' '(click)='play()')
```

Resultado en HTML

```
index.pug:4:11  
    2| //- function call instead of a attribute na  
    3| //- resulting in the unusual error.  
    > 4| div(class='div-class' (click)='play()')
```

-----^

Syntax Error: Assigning to rvalue

```
<div class="div-class" (click)="play()"></div>  
<div class="div-class" (click)="play()"></div>
```

Atributos

Pug

```
- var url = 'pug-test.html';  
a(href='/' + url) Link  
|  
|  
- url = 'https://example.com/'  
a(href=url) Another link
```

```
- var btnType = 'info'  
- var btnSize = 'lg'  
button(type='button' class='btn btn-' + btnType + ' btn-' + btnSize)  
|  
|  
button(type='button' class=`btn btn-${btnType} btn-${btnSize}`)
```

Resultado en HTML

```
<button class="btn btn-info btn-lg" type="button"></button>  
<button class="btn btn-info btn-lg" type="button"></button>
```

```
<button class="btn btn-info btn-lg" type="button"></button>  
<button class="btn btn-info btn-lg" type="button"></button>
```

Atributos

Pug

```
div(escaped="<code>")  
div(unescaped!="<code>")
```

```
input(type='checkbox' checked)  
|  
|  
input(type='checkbox' checked=true)  
|  
|  
input(type='checkbox' checked=false)  
|  
|  
input(type='checkbox' checked=true.toString())
```

Resultado en HTML

```
<div escaped="&lt;code&gt;"></div>  
<div unescaped="<code>"></div>
```

```
<input type="checkbox" checked="checked" />  
<input type="checkbox" checked="checked" />  
<input type="checkbox" />  
<input type="checkbox" checked="true" />
```

Atributos

Pug

```
doctype html
|
|
input(type='checkbox' checked)
|
|
input(type='checkbox' checked=true)
|
|
input(type='checkbox' checked=false)
|
|
input(type='checkbox' checked=true && 'checked')
```

Resultado en HTML

```
<!DOCTYPE html>
<input type="checkbox" checked>
<input type="checkbox" checked>
<input type="checkbox">
<input type="checkbox" checked="checked">
```

Atributos

Pug

```
a(style={color: 'red', background: 'green'})
```

```
- var classes = ['foo', 'bar', 'baz']  
a(class=classes)  
|  
|  
//- the class attribute may also be repeated to merge  
a.bang(class=classes class=['bing'])
```

```
- var currentUrl = '/about'  
a(class={active: currentUrl === '/' } href='/') Home  
|  
|  
a(class={active: currentUrl === '/about' } href='/about') About
```

Resultado en HTML

```
<a style="color:red;background:green;"></a>
```

```
<a class="foo bar baz"></a>  
<a class="bang foo bar baz bing"></a>
```

```
<a href="/">Home</a>  
<a class="active" href="/about">About</a>
```

Atributos

Pug

```
a#main-link
```

```
#content
```

```
div#foo(data-bar="foo")&attributes({'data-foo': 'bar'})
```

```
- var attributes = {};  
- attributes.class = 'baz';  
div#foo(data-bar="foo")&attributes(attributes)
```

Resultado en HTML

```
<a id="main-link"></a>
```

```
<div id="content"></div>
```

```
<div id="foo" data-bar="foo" data-foo="bar"></div>
```

```
<div class="baz" id="foo" data-bar="foo"></div>
```