

 무료 전자 책

# 배우기

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# jade

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#jade

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# 1:

[Pug \( jade \)](#) [Hamli](#) [Node.js](#) [JavaScript](#) .

1. HTML
- 2.
3. (DRY)

[GitHub](#)

0.0.2	2010-07-03
1.0.0	2013-12-22
1.11.0	2015-06-12

## Examples

[Pug](#) .

.

- [NPM NodeJS](#)
- [ExpressJS](#) ()

[NodeJS](#) .

```
$ node -v
```

.

[Pug](#) [NPM \(Node Package Manager\)](#) . . .

```
$ npm install pug
```

.

```
$ npm install pug-cli -g
```

```
$ pug --help
```

[Pug \(old name Jade\) HTML](#) . . .

```
doctype html
html(lang="en")
```

```

head
  title= pageTitle
  script (type='text/javascript').
    if (foo) bar(1 + 5)
body
  h1 Pug - node template engine
  #container.col
    if youAreUsingPug
      p You are amazing
    else
      p Get on it!
  p.
    Pug is a terse and simple templating language with a
    strong focus on performance and powerful features.

```

## HTML .

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Pug</title>
    <script type="text/javascript">
      if (foo) bar(1 + 5)
    </script>
  </head>
  <body>
    <h1>Pug - node template engine</h1>
    <div id="container" class="col">
      <p>You are amazing</p>
      <p>Pug is a terse and simple templating language with a strong focus on performance and
powerful features.</p>
    </div>
  </body>
</html>

```

## Pug HTML .

1. HTML . . . !
2. HTML < > . . .
3. // <!-- --> . // - HTML .
4. #{ } ( ) . #{header} #{user.username} .
5. # ( ) ID div . #myID <div id="myID"></div> .
6. . (point) div . :.myClass <div class="myClass"></div>
7. = ( ) . Exaple : h1= title
8. A != ( ) .
9. A - ( ) JavaScript . : - console.log("foo");
10. . script (src="/js/chat.js")
11. script . script ..
12. : extends ../layout .
13. layout.pug block content block content
14. .
  1. partial : != partial(template file name/options) .
  2. : include ../includes/footer
15. extend . "html block " : extend layout
16. .

+ () # () . JavaScript . HTML .`p # {myName}.

## Node.js pug

```
var pug = require('pug');

// compile
var fn = pug.compile('string of pug', options);
var html = fn(locals);

// render
var html = pug.render('string of pug', merge(options, locals));

// renderFile
var html = pug.renderFile('filename.pug', merge(options, locals));
```

- *filename* include .
- *compileDebug* false , .
- *pretty* pretty-indentation ( false).

: [https://riptutorial.com/ko/jade/topic/1709/-](https://riptutorial.com/ko/jade/topic/1709/)

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## 2:

## Examples

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## HTML :

html .

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

:

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

---

---

:

JavaScript .

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

:

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

---

---

.

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

:

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

( ) . != = .

---



- 
- 

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

- 
- -

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

Jade `bool, true false . true .`

- 
- -

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

- 
- -

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

---

doctype `html jade ( ) .`

- 
- -

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

- 
- -

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

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

style ( ) . .



- 
- 

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



- 
- 

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

class . JavaScript .



- 
- 

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



- 
- 

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

true false .



- 
- 

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



- 
- 

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

.classname .



- 
- 

a.button



- 
- 

```
<a class="button"></a>
```

div .



- 
- 

.content



- 
- 

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

## ID

ID #idname .



- 
- 

a#main-link



- 
- 

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

div .



- 
- 

#content



- 
- 

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

(A

"and attributes" &attributes .

---

- 
- 

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

---

- 
- 

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

---

. ( [Mixin Attributes](#) )

---

- 
- 

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

---

- 
- 

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

: <https://riptutorial.com/ko/jade/topic/6641/>

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## 3:

### Examples

```
- var friends = 10
case friends
  when 0
    p you have no friends
  when 1
    p you have a friend
  default
    p you have #{friends} friends
```

:

<p>you have 10 friends</p>

: <https://riptutorial.com/ko/jade/topic/4012/>

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## 4: js

Harp . Harp , HTML, CSS JavaScript . Harp .

Harp . Jade (Pug), Markdown, EJS, CoffeeScript, LESS, Sass Stylus .

### Examples

Harp . `npm install -g harp` Harp .

```
$ sudo npm install -g harp
$ harp init myproject
$ harp server myproject
```

js : <https://riptutorial.com/ko/jade/topic/9863/-js>

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