



# Jade / pug

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LET US DO THE HTML THINGS WITH PUG

PREPARED BY OZZY

*instead of writing the HTML directly we decided to use Pug (which compiles into HTML) to build robust HTML sites*

- NEIL ARMSTRONG

# Why pug/jade

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- ❖ ensure that our HTML is well-formed and valid
- ❖ Pug is preventing us from making this mistake
- ❖ Pug saves time

# Installing pug/jade

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Pip install pug -g

```
npm install pug -g
```

Create a file using **.pug** extension

# Getting started with jade/pug

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```
head
  title My very first pug document
body
  h1 Welcome
  p This HTML page has been written in pug
```

# Jade-file into HTML

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```
pug 01-getting-started-with-pug.pug
```

# Generating Tags with Attributes

```
a(href='foo.bar', class='my-link', target='_blank') Foo  
//- or  
a.my-link(href='foo.bar', target='_blank') Foo
```

```
.foo  
.foo.bar  
#foo.bar  
div.foo.bar  
div#foo2.bar
```

```
// file mixins/mixins.pug  
mixin icon(name)  
  i(class="fa fa-#{name}")
```

# Examples continues

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```
// file index.pug
include ./mixins/mixins

.contact-info
  .phone
    +contactInfo('phone')
    span 0123456789
  .website
    +contactInfo('globe')
    span
      a(href='https://www.thorsten-hans.com', target='_blank') thorsten-hans.com
```



# Inheritance in jade/pug

```
// file _layout.pug
html
  head
    title my Blog
    link(rel='stylesheet', href='/styles/bootstrap.min.js')
  body
    .container
      block content
    script(src='/scripts/angular.min.js')
```

```
extends _layout

block content
  .row
    .col-md-3
      nav
    .col-md-9
      h1 Welcome
```