

The Selector

Unit 2

The Number One Topic

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- Everything (almost) carries from this

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- Used to find one, or multiple, things on a page

The Number One Topic

- Everything (almost) carries from this
- Used to find one, or multiple, things on a page
- Very heavily related to CSS


```
<html>
<head></head>
<body>

<p class="intro">Hello</p>

<p>More stuff!</p>
<p class="outro">Bye!</p>

</body>
</html>
```


The Basics

“tag” matches a tag

“p”

```
<html>
<head></head>
<body>

<p class="intro">Hello</p>

<p>More stuff!</p>
<p class="outro">Bye!</p>

</body>
</html>
```


The Basics

“.class” matches a CSS class

“.intro”

```
<html>
<head></head>
<body>

<p class="intro">Hello</p>

<p>More stuff!</p>
<p class="outro">Bye!</p>

</body>
</html>
```


The Basics

“#id” matches an ID

“#kittenPic”

```
<html>
<head></head>
<body>

<p class="intro">Hello</p>

<p>More stuff!</p>
<p class="outro">Bye!</p>

</body>
</html>
```


How are they used?

How are they used?

- `jQuery(“selector”)`

How are they used?

- `jQuery("selector")`
- `$("selector")`

\$("p")

```
<html>
```

```
<head></head>
```

```
<body>
```

```
<p class="intro">Hello</p>
```

```

```

```
<p>More stuff!</p>
```

```
<p class="outro">Bye!</p>
```

```
</body>
```

```
</html>
```


\$(“.intro”)

```
<html>
<head></head>
<body>

<p class="intro">Hello</p>

<p>More stuff!</p>
<p class="outro">Bye!</p>

</body>
</html>
```


`$("#kittenPic")`

```
<html>
<head></head>
<body>

<p class="intro">Hello</p>

<p>More stuff!</p>
<p class="outro">Bye!</p>

</body>
</html>
```


More examples - Kids

`$(“#main > p”)`

```
<div id="main">  
  <p>Foo</p>  
  <div id="sub">  
    <p>Goo</p>  
  </div>  
</div>  
<p>More!</p>
```


More examples - All Kids

`$(“#main p”)`

```
<div id="main">  
  <p>Foo</p>  
  <div id="sub">  
    <p>Goo</p>  
  </div>  
</div>  
<p>More!</p>
```


One more!

`$("a[href$=pdf]")`

```
<a
href="foo.html">
Foo
</a>
<a href="goo.pdf">
Goo
</a>
<a
href="zoo.html">
Zoo
</a>
```


I lied - last one

`$("p:even")`

`<p>Foo</p>`

`<p>Zoo</p>`

`<p>Doo</p>`

`<p>Moo</p>`

I lied - last one

```
$(“p:nth-child(even)”)
```

```
<p>Foo</p>
```

```
<p>Zoo</p>
```

```
<p>Doo</p>
```

```
<p>Moo</p>
```


What else?

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- Support for working with form fields

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- “Traversal” type selectors

What else?

- Support for working with form fields
- “Traversal” type selectors
- Define you own