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# Ruby Monstas



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Session 25

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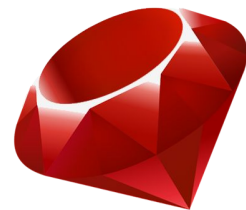
# Agenda

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Recap

Layouts

Exercises



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# Recap

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[https://docs.google.com/presentation/d/1rxHrB4wLk7TMMMtIwC9azwNgnYQAFrae620IxjLHygl/edit#slide=id.ge8e058835\\_0\\_0](https://docs.google.com/presentation/d/1rxHrB4wLk7TMMMtIwC9azwNgnYQAFrae620IxjLHygl/edit#slide=id.ge8e058835_0_0)

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# DIV element

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Text around<div>

Outer DIV element

<div>Inner DIV element</div>

I will use the whole width of the site.

</div>the DIV element



**This is a so-called block-level element. Because it breaks the flow of the elements into blocks.**

**There are others:** <h1>, <p>, <form> and so on

# SPAN element

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This is a `<span>S</span>`pan elment

This is a **S**pan elment

**This is a so-called inline element. Because it flows inline with all other elements.**

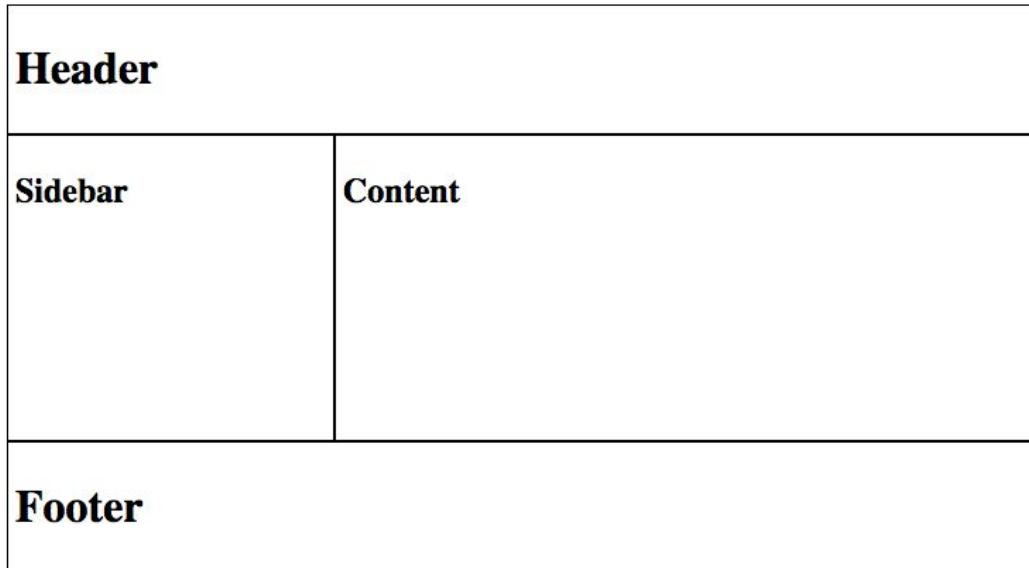
**There are others:** `<a>`, `<i>`, `<b>`, `<strong>` and so on

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# A simple layout example

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```
<!DOCTYPE HTML PUBLIC "-//
//W3C//DTD HTML 4.01//EN"
"http://www.w3.
org/TR/html4/strict.dtd">
<html>
<body>
  <div class="header">
    <h1>Header</h1>
  </div>
  <div class="sidebar">
    <h2>Sidebar</h2>
  </div>
  <div class="content">
    <h2>Content</h2>
  </div>
  <div class="footer">
    <h1>Footer</h1>
  </div>
</body>
</html>
```



# CSS

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```
.header, .footer {  
  width: 720px;  
}  
.sidebar {  
  float: left;  
  height: 50%;  
  width: 220px;  
}  
.content {  
  float: left;  
  height: 50%;  
  width: 488px;  
}  
.footer {  
  clear: both;  
}
```

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# HTML5: other elements

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## An article with a title and text

```
<article>
  <h2>Article title</h2>
  <p>Article text</p>
</article>
```

## Main content

```
<main>
  <article>
    ...
  </article>
  <article>
    ...
  </article>
</main>
```

## Embed audio & video

```
<audio controls>
  <source src="foo.mp3" type="audio/mpeg">
  <source src="foo.ogg" type="audio/ogg">
  No support for audio
</audio>
```

```
<video controls>
  <source src="foo.mp3" type="video/mpeg">
  <source src="foo.ogg" type="video/ogg">
  No support for video
</video>
```





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# Layouts

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# Layouts

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What if we have a web app that always has the same **structure** with a certain part that is **dynamic**?

<b>Header</b>	
<b>Sidebar</b>	<b>Content</b>
<b>Footer</b>	

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# Layouts

---

```
<!doctype html>
<html lang="en">
<head>
  <title>Home page</title>
  <link rel="stylesheet" href="/css/style.css">
</head>
<body>
  <header>
    <h1>Welcome to our webpage!</h1>
  </header>
  <nav>
    <!-- navigation -->
  </nav>
  <main>
    <h3>Welcome to our home page!</h3>
    We are Shirley, Ines and Peter!
  </main>
  <footer>
    <!-- footer -->
  </footer>
</body>
</html>
```

## Welcome to our webpage!

- People in the flat
  - [Ines](#)
  - [Shirley](#)
  - [Peter](#)
- [Our house](#)

### Welcome to our home page!

We are Shirley, Ines and Peter!

# Layouts

---

```
<!doctype html>
<html lang="en">
<head>
  <title>Home page</title>
  <link rel="stylesheet" href="/css/style.css">
</head>
<body>
  <header>
    <h1>Welcome to our webpage!</h1>
  </header>
  <nav>
    <!-- navigation -->
  </nav>
  <main>
    <%= yield %>
  </main>
  <footer>
    <!-- footer -->
  </footer>
</body>
</html>
```

```
<h3>Welcome to our home page!</h3>
```

```
We are Shirley, Ines and Peter!
```

---

# Layouts

---

```
<!doctype html>
<html lang="en">
<head>
  <title>Home page</title>
  <link rel="stylesheet" href="
/css/style.css">
</head>
<body>
  <header>
    <h1>Welcome to our webpage!</h1>
  </header>
  <nav>
    <!-- navigation -->
  </nav>
  <main>
    <%= yield %>
  </main>
  <footer>
    <!-- footer -->
  </footer>
</body>
</html>
```

`<h3>Welcome to our home page!</h3>`

We are Shirley, Ines and Peter!

# Layouts

---

```
# app.rb
```

```
get '/page' do
  erb :template1
end
```

```
# views/layout.erb
```

```
<!doctype html>
<html lang="en">
[... ]
<body>
  <header></header>
  <nav></nav>
  <main>
    <%= yield %>
  </main>
  <footer></footer>
</body>
</html>
```

```
# views/template1.erb
```

```
<h3>Welcome to our home page!</h3>
```

```
We are Shirley, Ines and Peter!
```

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# Layouts: Conclusion

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The layout is the starting point for rendering a template. In it, you will find a **yield** block that actually renders the template you specify.

The layout is therefore static and the template that is yielded is your dynamic part.

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# Your feedback, please?

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<http://goo.gl/forms/rUrZqOPNq6> (Session 24)

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# Time to practice

