

CSS

CSS FUNDAMENTALS

POSITIONING

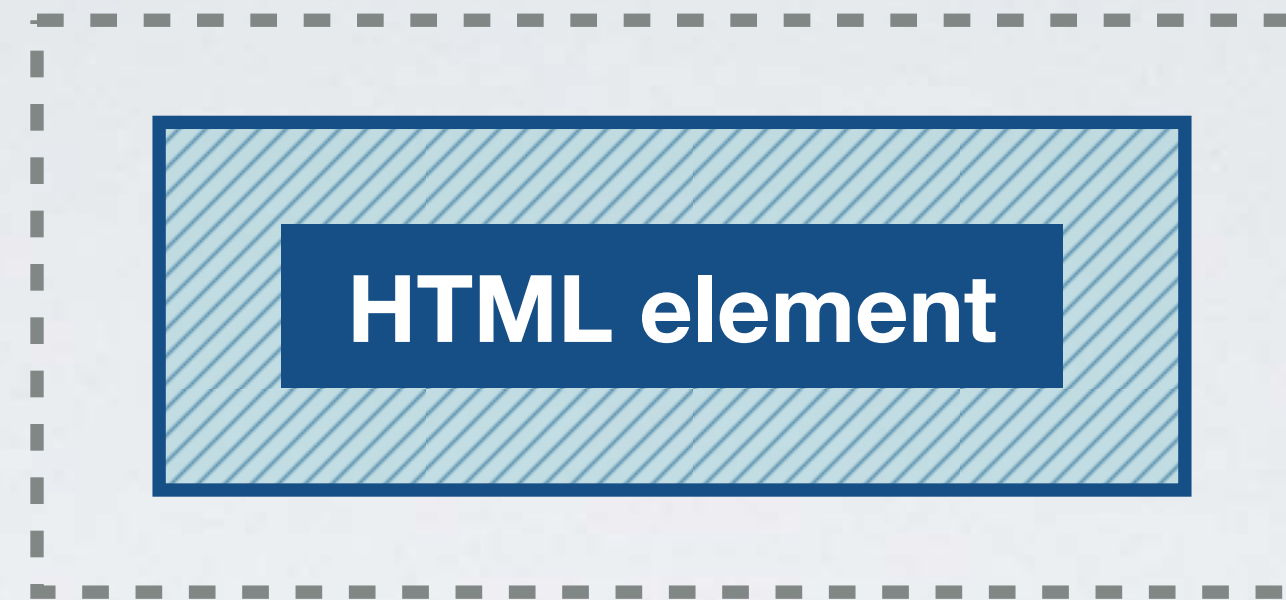
Inline & block



IN A ROCKET

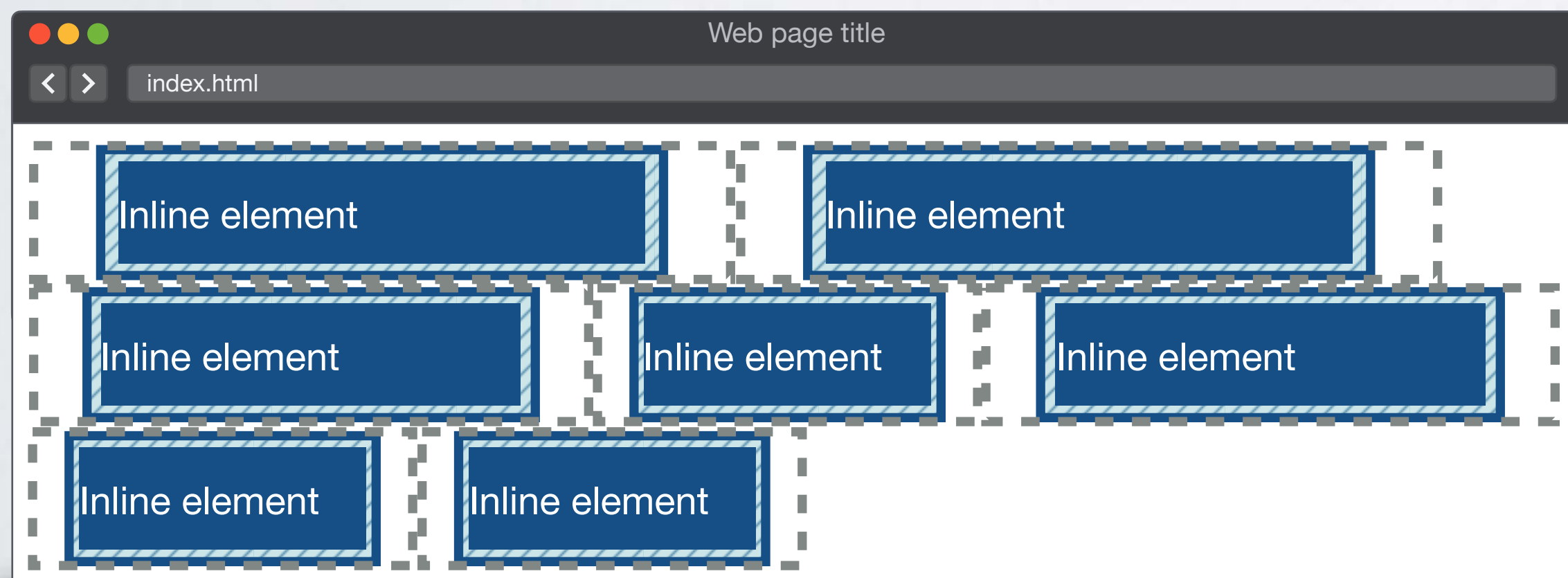
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A web browser generates a box for each HTML element.

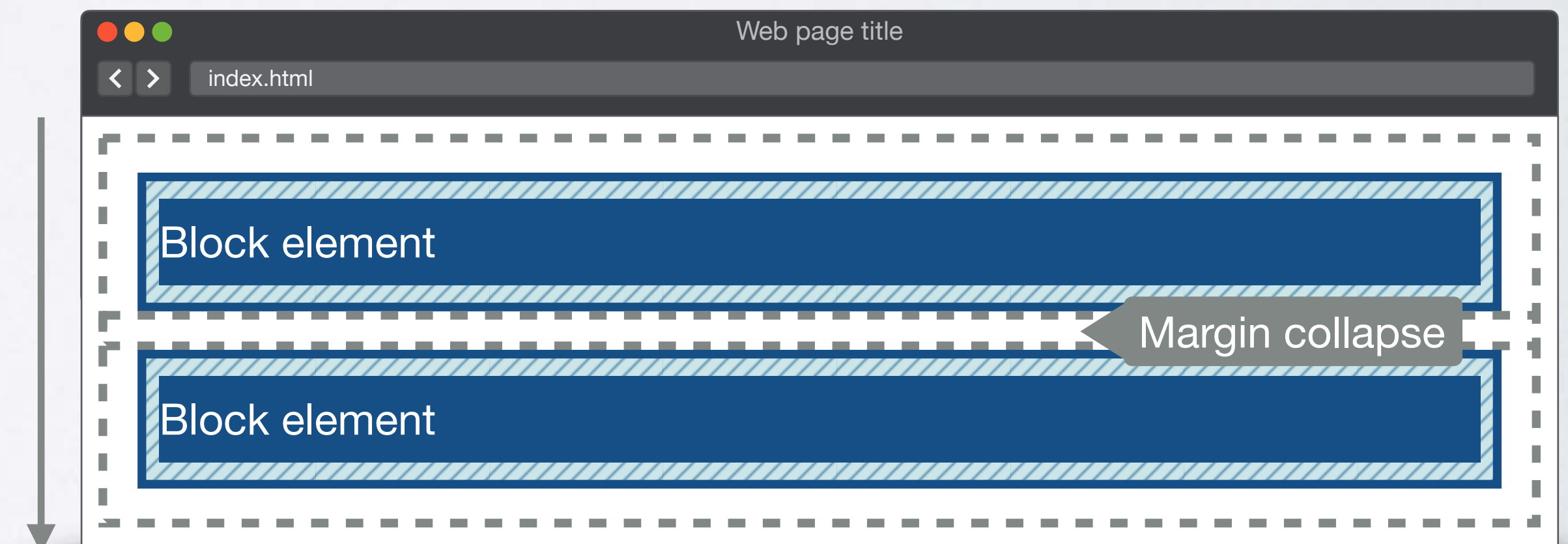


Depending of the type of element
each box is laid out according to its formatting context: inline or block.

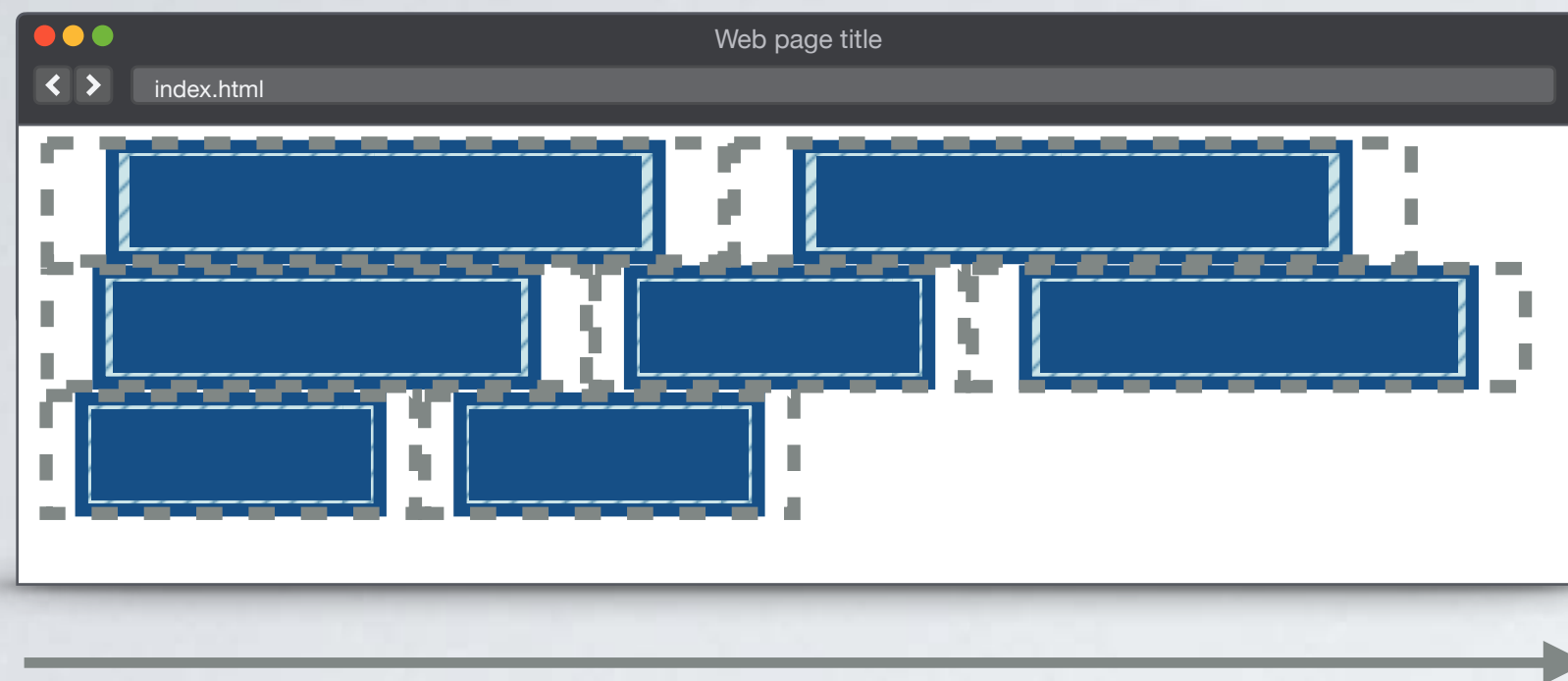
INLINE



BLOCK



INLINE



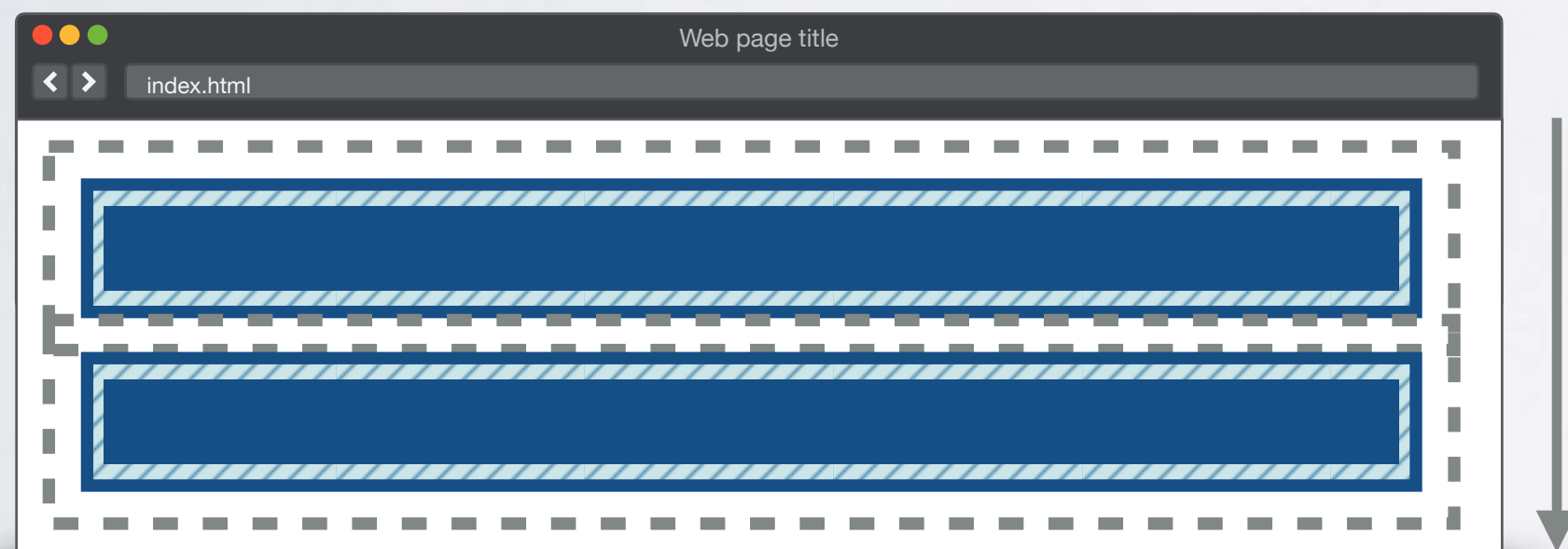
Properties that work

✓ width	✗ height
margin	padding
✗ top	✗ top
✗ bottom	✗ bottom
✓ left	✓ left
✓ right	✓ right

Features

- Take only as much space as they need.
- Displayed side by side.
- Can be a parent of other inline elements.

BLOCK



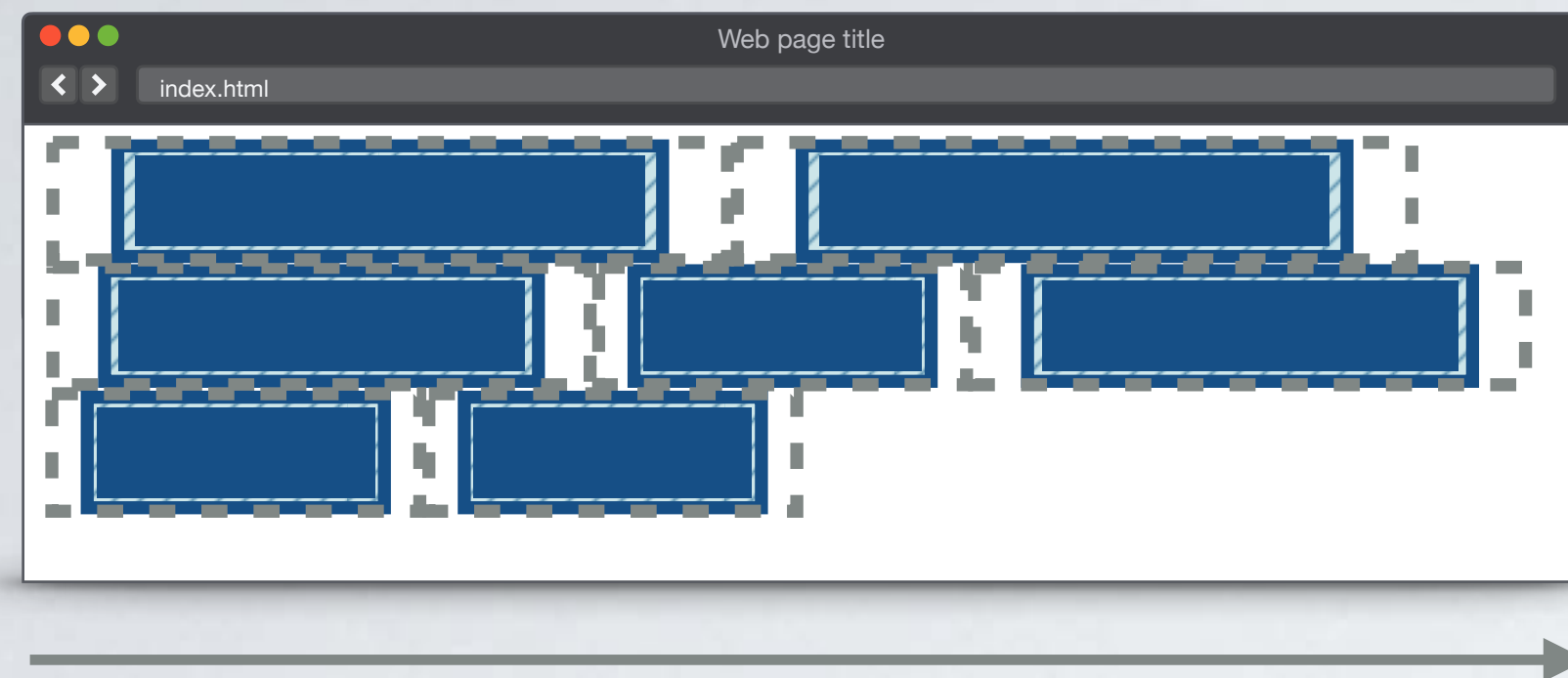
Properties that work

✓ width	✓ height
margin	padding
✓ top	✓ top
✓ bottom	✓ bottom
✓ left	✓ left
✓ right	✓ right

Features

- Take full-width by default.
- Each gets displayed in a new line.
- Can contain other block or inline elements.

INLINE-BLOCK



Properties that work

✓ width

✓ height

margin

padding

✓ top

✓ top

✓ bottom

✓ bottom

✓ left

✓ left

✓ right

✓ right

Features

- Take only as much space as they need.
- Displayed side by side.
- Can contain other block or inline elements.

INLINE

Elements that are inline by default

<a>	<i>	<script>
<abbr>	<iframe>	<select>
<acronym>		<slot>
<audio>	<input>	<small>
	<ins>	
<bdi>	<kbd>	
<bdo>	<label>	<sub>
<big>	<map>	<sup>
 	<mark>	<svg>
<button>	<meter>	<template>
<canvas>	<noscript>	<textarea>
<cite>	<object>	<time>
<code>	<output>	<u>
<data>	<picture>	<tt>
<datalist>	<progress>	<var>
<del>	<q>	<video>
<dfn>	<ruby>	<wbr>
	<s>	
<embed>	<samp>	

BLOCK

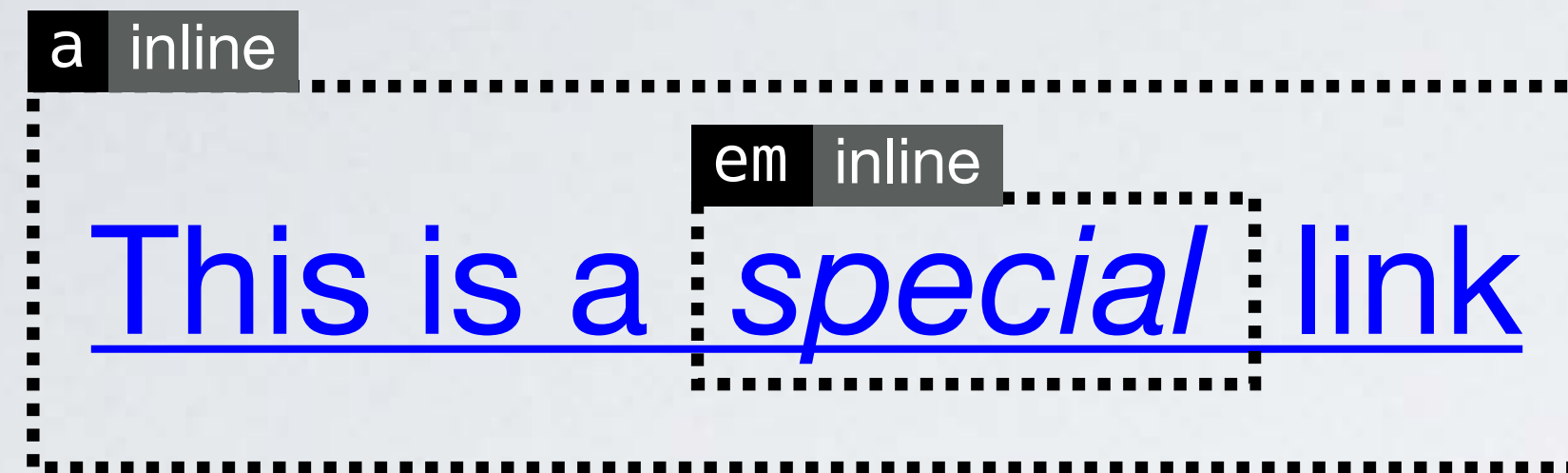
Elements that are block-level by default

<address>	<form>
<article>	<h1> to <h6>
<aside>	<header>
<blockquote>	<hgroup>
<details>	<hr>
<dialog>	
<dd>	<main>
<div>	<nav>
<dl>	
<dt>	<p>
<fieldset>	<pre>
<figcaption>	<section>
<figure>	<table>
<footer>	



INLINE INSIDE INLINE

EXAMPLE



BLOCK INSIDE BLOCK

EXAMPLE



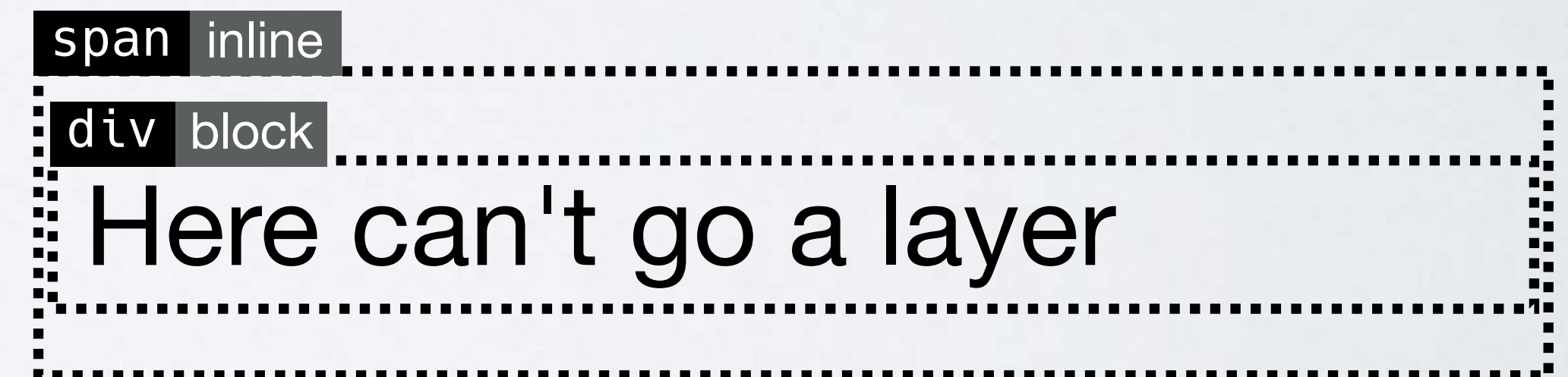
INLINE INSIDE BLOCK

EXAMPLE



BLOCK INSIDE INLINE

EXAMPLE



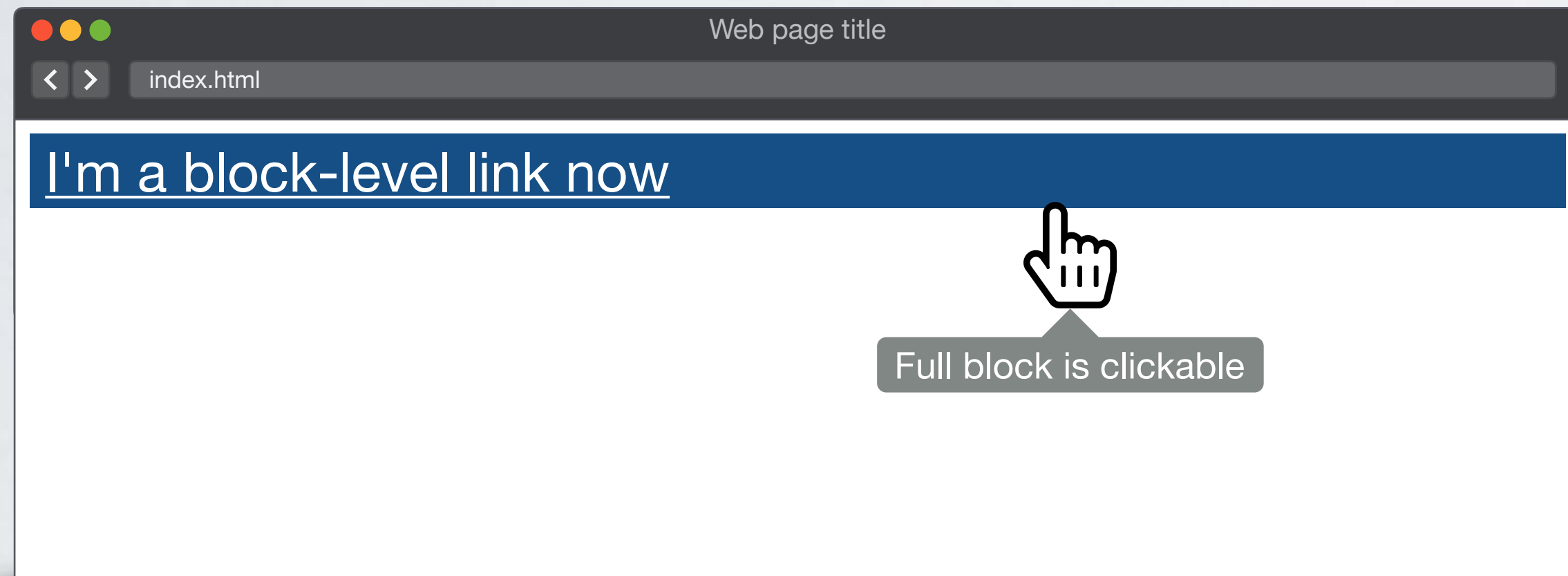
INLINE			BLOCK	
Elements that are inline by default			Elements that are block-level by default	
<a>	<i>	<script>	<address>	<form>
<abbr>	<iframe>	<select>	<article>	<h1> to <h6>
<acronym>		<slot>	<aside>	<header>
<audio>	<input>	<small>	<blockquote>	<hgroup>
	<ins>		<details>	<hr>
<bdi>	<kbd>		<dialog>	
<bdo>	<label>	<sub>	<dd>	<main>
<big>	<map>	<sup>	<div>	<nav>
 	<mark>	<svg>	<dl>	
<button>	<meter>	<template>	<dt>	<p>
<canvas>	<noscript>	<textarea>	<fieldset>	<pre>
<cite>	<object>	<time>	<figcaption>	<section>
<code>	<output>	<u>	<figure>	<table>
<data>	<picture>	<tt>	<footer>	
<datalist>	<progress>	<var>		
<del>	<q>	<video>		
<dfn>	<ruby>	<wbr>		
	<s>			
<embed>	<samp>			

You can change this default behaviours using the **display** property.

CHANGE INLINE TO BLOCK

EXAMPLE

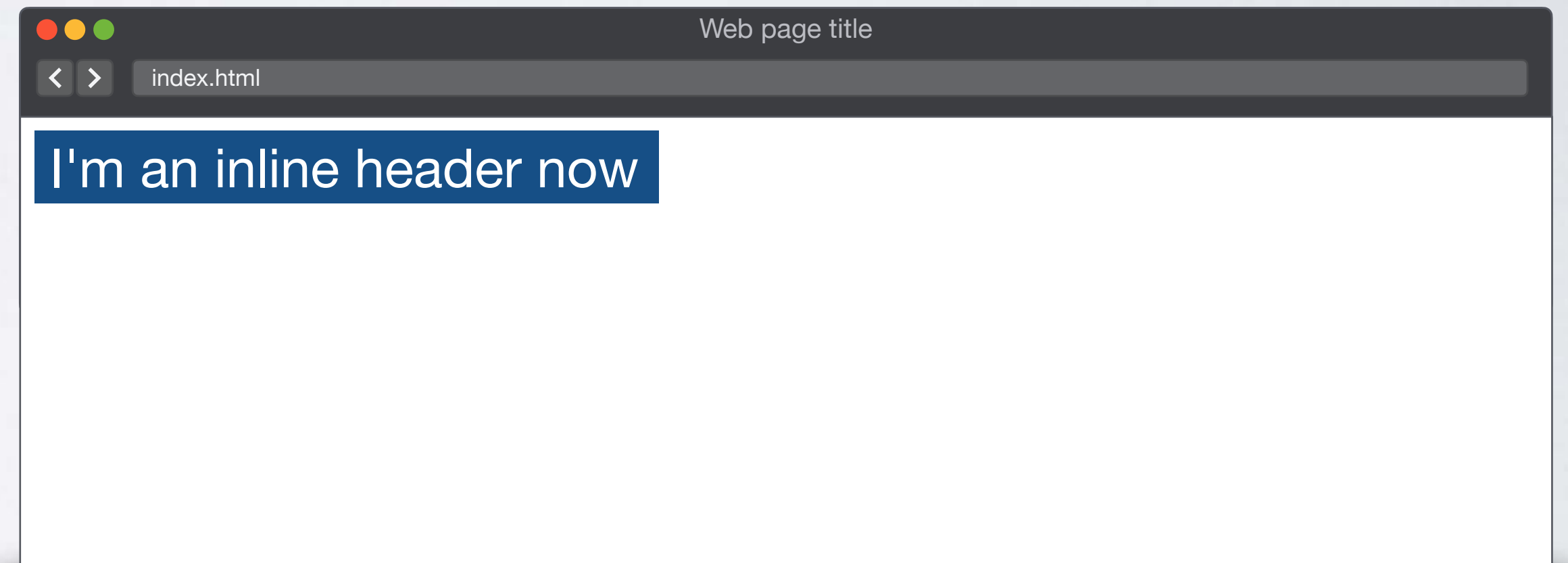
```
a { display: block; }
```



CHANGE BLOCK TO INLINE

EXAMPLE

```
h1 { display: inline; }
```



BLOCK: MARGIN COLLAPSE

```
.one { margin-bottom: 5rem; }
```

```
.two { margin-top: 10rem; }
```



The **top** and **bottom** margins of blocks are **collapsed** into a single margin: the **largest** of the individual margins.

Occurs in three cases:

- Adjacent siblings.
- No content separating parent and descendants.
- Empty blocks.

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