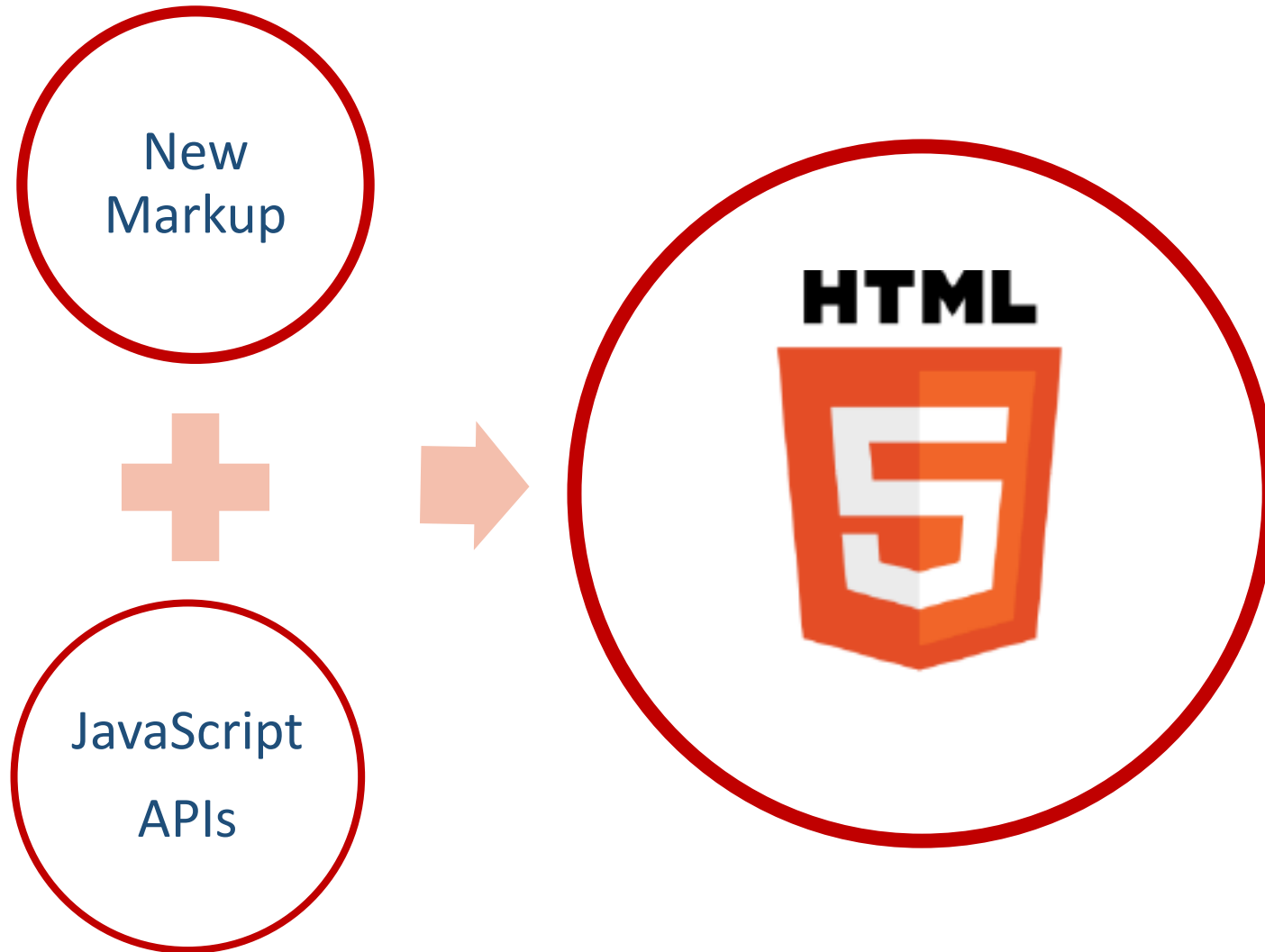


# HTML5 Structural Elements



# Basic Structural Elements

The most basic web page would use four tags:

```
<!DOCTYPE html>
```

```
<html> </html>
```

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

```
<title> </title>
```

```
<body> </body>
```

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element>

# Doctype

<!DOCTYPE html>

Tells browser what language it's reading.

- [http://www.w3schools.com/tags/tag\\_doctype.asp](http://www.w3schools.com/tags/tag_doctype.asp)

# Previous Doctypes

## XHTML 1.0 Transitional DTD

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0  
  Transitional//EN"  
    http://www.w3.org/TR/xhtml1/DTD/xhtml1-  
    transitional.dtd>
```

## HTML 4.01 Strict

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  
"http://www.w3.org/TR/html4/strict.dtd">
```

# New Structural Elements

header

nav

main

section

article

aside

footer

[https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/HTML5/HTML5\\_element\\_list](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/HTML5/HTML5_element_list)

# <header></header>

- Defines the header of a page or section. It often contains a logo, the title of the Web site, and a navigational table of content.

```
<header>
```

```
  <h1>Coca Cola</h1>
```

```
  <h2>It's the real thing!</h2>
```

```
</header>
```

<nav></nav>

- Defines a section that contains only navigation links
  - Intended for major blocks of navigation links
  - Think tool for an assistive device

# `<main></main>`

- Defines the main or important content in the document.
- There is only one `<main>` element in the document.
- Think of this as the main content of the `<body>` element.
- Repeated content does not go here.



# <section></section>

- Defines a section in a document
  - Sections page into subject areas
  - Does not create a stand alone document

# <article></article>

- Defines self-contained content that could exist independently of the rest of the content
- In theory, could be independently distributed
  - Forum post
  - Blog post
  - Article
  - Individual email
  - Comments

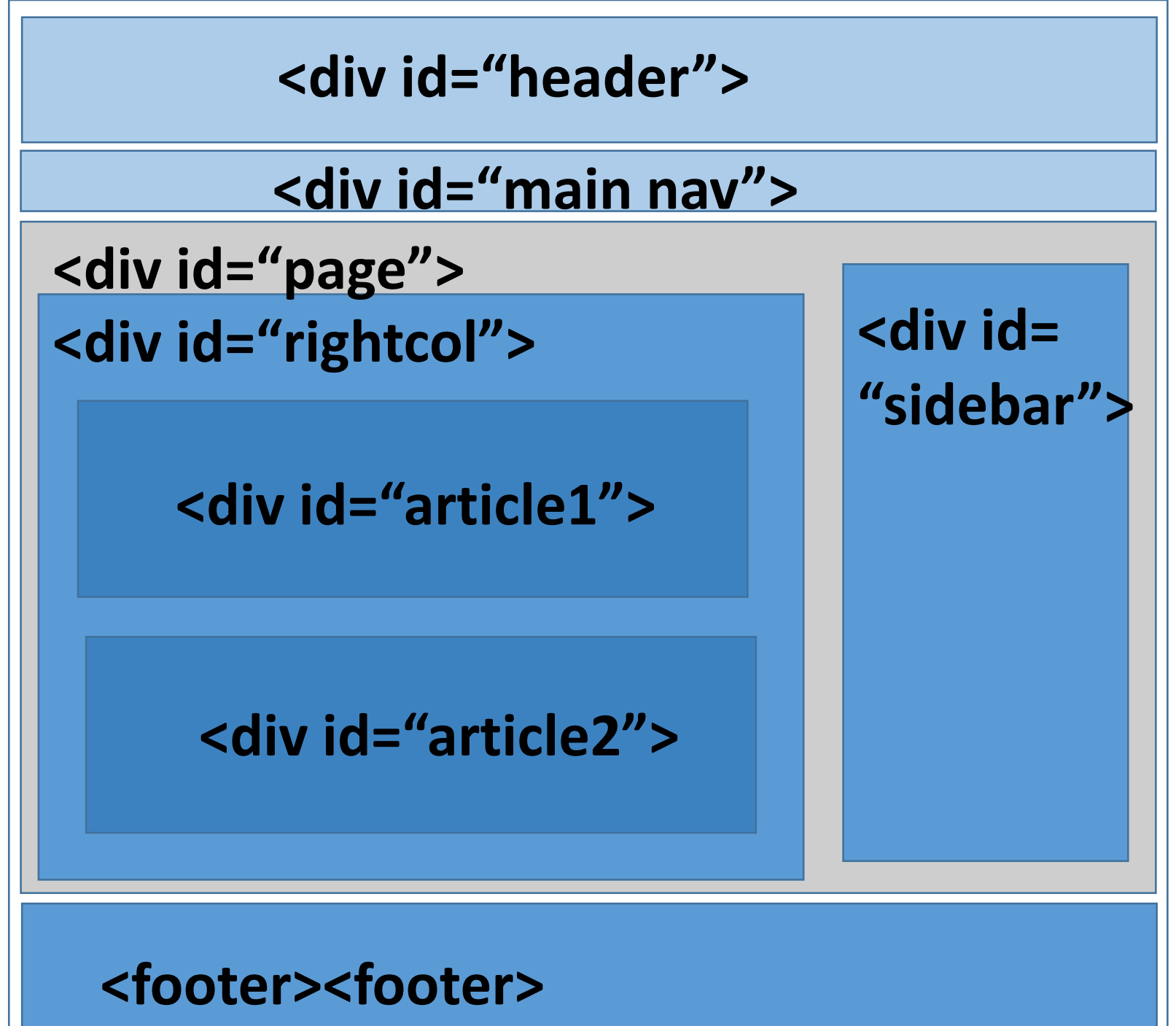
# <aside></aside>

- Defines some content loosely related to the page content. If it is removed, the remaining content still makes sense.
  - Sidebars
  - Nav container
  - Pull quotes

<div></div>

- Represents a generic container with no special meaning. Defines some content loosely related to the page content. If it is removed, the remaining content still makes sense.
- Should be used mainly for styling purposes.

# Old



# New

