

<details>

By Nelly Chacon Camacho

```
<details>
  <summary> HTML <code>&lt;details&gt;</code>
  element. </summary>
  <p> Lets talk about this disclosure widget </p>
</details>
```

It would look like this:

▶ HTML <details> element.

← Closed status

▼ HTML <details> element.

Let's talk about this disclosure widget.

← Open status

Different ways to display <details>

Content Management

- ▼ HTML <details> element.
Let's talk about this disclosure widget.

When <details> has <summary>

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- ▼ Details
Let's talk about this disclosure widget.

When <details> has no <summary>

```
<details open> <!--Include open to change its default-->
  <summary>HTML <code>&lt;details&gt;</code> element.</summary>
  <p>Let's talk about this disclosure widget.</p>
</details>
```

Open state to be displayed first.

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- ▼ HTML <details> element.
Let's talk about this disclosure widget.

Boolean Attribute: Open

```
<details open>
```

```
  <summary> HTML <code>&lt;details&gt;</code> element.  
</summary>
```

```
  <p> Lets talk about this disclosure widget </p>
```

```
</details>
```

Supported event: **toggle** – You can add an event listener to detect changes of state.

```
details.addEventListener("toggle", event => {  
  if (details.open) {  
    /* the element was toggled open */  
  } else {  
    /* the element was toggled closed */  
  }  
});
```

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

Example of nesting elements within <details>

```
<details>
  <summary>Today's presentations</summary>
  <p>Seven students will be presenting
today:</p>
  <details>
    <summary>Morning Presentations</summary>
    <ol>
      <li>Claire</li>
      <li>Nelly</li>
      <li>Roshini</li>
      <li>Velika</li>
    </ol>
  </details>
  <details>
    <summary>Afternoon Presentations</summary>
    <ol>
      <li>Parisha</li>
      <li>Ashish</li>
      <li>Gergana</li>
    </ol>
  </details>
</details>
```

Content Management

- ▶ Today's presentations

Content Management

- ▼ Today's presentations

Seven students will be presenting today:

- ▼ Morning Presentations

1. Claire
2. Nelly
3. Roshini
4. Velika

- ▶ Afternoon Presentations

Styling <details> element

- The triangle can be customize through list-style properties.

```
summary {  
    list-style-image:  
url(icon.png);  
}
```

For blink based browsers:

```
summary::-webkit-details-marker {  
    background: url(icon-  
presentation.svg);  
    color:transparent;  
}
```

Content Management



Today's presentations

Seven students will be presenting today:



Morning Presentations

1. Claire
2. Nelly
3. Roshini
4. Velika



Afternoon Presentations

CSS issues you might want to address.

Content Management



Today's presentations [br/>Seven students will be presenting today



Morning Presentations

1. Claire
2. Nelly
3. Roshini

Content Management



Today's presentations
Seven students will be presenting today



Morning Presentations

1. Claire
2. Nelly
3. Roshini

Changing default cursor

Content Management



Today's presentations
Seven students will be presenting today



Morning Presentations



Afternoon Presentations

Block element is pushed down below.

```
/*Addressing some stylign issues for cursor and h2*/  
  
▼ details summary {  
    cursor: pointer;  
} /*To change the text selection icon for a pointing finger*/  
  
▼ details summary > * {  
    display: inline;  
} /*To address any undesired wrapping, and to apply it to every heading –  
and to any other element nested directly inside the <summary>*/
```

Browser support

IE	Edge [*]	Firefox	Chrome	Safari	Opera	iOS Safari [*]	Opera Mini [*]	Android Browser [*]	Opera Mobile [*]	Chrome for Android	Firefox for Android	UC Browser for Android	Samsung Internet	QQ Browser	Baidu Browser	KaiOS Browser
			4-11	3.1-5.1		3.2-5.1										
		2-46	^{2,3} 12-18	² 6-10		6-9.3										
	12-18	¹ 47-48	² 19-35	⁴ 10.1-11.1	10-12.1	⁴ 10-11.2		2.1-3								
6-10	79-87	49-84	36-87	12-13.1	15-71	11.3-13.7		4-4.4.4	12-12.1				4-12.0			
11	88	85	88	14	72	14.4	all	81	59	88	83	^{2,3} 12.12	13.0	10.4	7.12	2.5
		86-87	89-91	TP												

Notes

Test on a real browser **NEW**

Known issues (2)

Resources (10)

Feedback

¹ Enabled in Firefox through the `dom.details_element.enabled` flag

² 'toggle' event is not supported

³ <summary> is not keyboard accessible

⁴ Some versions of Safari display smaller font-size than intended when using `rem` units with system fonts. (See: <https://colloq.io/blog/safaris-detailssummary-rem-font-size-issue>)

<https://caniuse.com/details>

Accessibility

`<details>` element is not be suitable for screen readers.

Conclusion

Some useful links

- <http://html5doctor.com/the-details-and-summary-elements/>
- <https://css-tricks.com/quick-reminder-that-details-summary-is-the-easiest-way-ever-to-make-an-accordion/>
- <https://css-tricks.com/two-issues-styling-the-details-element-and-how-to-solve-them/>