

Accordion

Bootstrap accordion component for Quarto

Roy Francis

09-Apr-2026

Table of contents

1	Install	2
2	Syntax	2
3	Minimal usage	3
3.1	YAML metadata	3
3.2	Inline content	3
4	More accordion items	3
4.1	YAML metadata	3
4.2	Inline content	4
5	Multiple accordions	5
6	Collapse state	6
6.1	YAML metadata	6
6.2	Inline content	7
7	Item IDs	7
7.1	YAML metadata	7
7.2	Inline content	9
8	CSS styling	9
9	Markdown formatting	10
10	Other formats	12

A quarto shortcode extension to add [Bootstrap accordion component](#) for **html** and **revealjs**

formats. Minimal non-interactive fallbacks are provided for other output formats **pdf** and **typst**.

1 Install

- Requires Quarto $\geq 1.4.0$
- In the root of the quarto project, run in terminal:

```
quarto add royfrancis/quarto-accordion
```

This will install the extension under the `_extensions` subdirectory.

2 Syntax

- Define accordion contents (header, body)
- Insert shortcode in the quarto document

Here is the syntax where `[text]` is replaced as needed.

```
---
accordion:
  - [label]:
    - header: [text content for the header]
      body: [text content for the body]
      collapsed: [true/false, optional, defaults to true]
      id: [text, optional, defaults to auto-generated]
---

{{< accordion [label] >}}
```

In this example, the arguments were defined in the YAML metadata. Arguments can also be defined directly in the shortcode. This is referred to as 'Inline'. The optional `label` sets a custom accordion id (defaults to auto-generated from content), while `header`, `body`, `collapsed` and `id` control the item content.

```
{{< accordion label="[label, optional, defaults to auto-generated]" header="[text content for
```

You can also mix and match these approaches in the same document as is the case in this document.

⚠ Warning

If a custom label is provided, only use alphabets, numbers, hyphens and underscores.

3 Minimal usage

3.1 YAML metadata

```
---
accordion:
  - simple:
    - header: Click here to view contents
      body: This is the body content
---

{{< accordion simple >}}
```

Click here to view contents

This content is defined in the document yaml

3.2 Inline content

```
{{< accordion header="Click here to view contents" body="This accordion is defined inline." >}}
```

Click here to view contents

This accordion is defined inline.

4 More accordion items

4.1 YAML metadata

```
---
accordion:
  - many-items:
    - header: Item 1
      body: This is the body content for item 1
    - header: Item 2
      body: This is the body content for item 2
    - header: Item 3
      body: This is the body content for item 3
    - header: Item 4
      body: This is the body content for item 4
---

{{< accordion many-items >}}
```

Item 1

This is the body content for item 1

Item 2

This is the body content for item 2

Item 3

This is the body content for item 3

Item 4

This is the body content for item 4

4.2 Inline content

Multiple inline items are defined using JSON.

```
{{< accordion items='[{"header":"Inline Item 1","body":"Content for inline item 1."},{"header'
```

Inline Item 1

Content for inline item 1.

Inline Item 2

Content for inline item 2.

5 Multiple accordions

```
---  
accordion:  
- ac-1:  
  - header: Item 1  
    body: This is the body content for item 1  
  - header: Item 2  
    body: This is the body content for item 2  
- ac-2:  
  - header: Item 1  
    body: This is the body content for item 1  
  - header: Item 2  
    body: This is the body content for item 2  
---  
  
**Topic A**  
  
{{< accordion ac-1 >}}  
  
**Topic B**  
  
{{< accordion ac-2 >}}
```

Topic A

Item 1

This is the body content for item 1

Item 2

This is the body content for item 2

Topic B

Item 1

This is the body content for item 1

Item 2

This is the body content for item 2

6 Collapse state

All accordion items are collapsed as the default state. Any of the accordion items can be initialized as expanded by setting `collapsed` as `false`.

6.1 YAML metadata

```
---
accordion:
  - ac-3:
    - header: Item 1
      body: This is the body content for item 1
    - header: Item 2
      body: This is the body content for item 2
      collapsed: false
  - ac-4:
    - header: Item 1
      body: This is the body content for item 1
      collapsed: false
    - header: Item 2
      body: This is the body content for item 2
---

{{< accordion ac-3 >}}
```

```
{{< accordion ac-4 >}}
```

Item 1

This is the body content for item 1

Item 2

This is the body content for item 2

Item 1

This is the body content for item 1

Item 2

This is the body content for item 2

6.2 Inline content

```
{{< accordion header="This item starts expanded" body="Set collapsed to false to show content by default" >}}
```

This item starts expanded

Set collapsed to false to show content by default.

7 Item IDs

Accordion items are automatically given unique ids. This should generally work fine. In case of a conflict, IDs can be set manually using `id`.

7.1 YAML metadata

```

---
accordion:
  - id-conflict:
    - header: Bla
      body: bla
    - header: Bla
      body: bla
  - id-conflict-resolved:
    - header: Bla
      body: bla
    - header: Bla
      body: bla
      id: my-id
---

```

An example of accordion items with conflicting IDs where two accordion items have the same id

```
{{< accordion id-conflict >}}
```

Using custom ID to resolve conflict and now they work independently.

```
{{< accordion id-conflict-resolved >}}
```

An example of accordion items with conflicting IDs where two accordion items have the same ids and hence open/close together.

Bla
bla

Bla
bla

Using custom ID to resolve conflict and now they work independently.

Bla
bla

Bla

bla

7.2 Inline content

```
{{< accordion header="Custom item id" body="Custom ids are useful when you need anchor links
```

Custom item id

Custom ids are useful when you need anchor links.

8 CSS styling

To target all accordion sub components on a page, target the class `.quarto-accordion`.

```
/*-- scss:rules --*/  
  
.quarto-accordion .accordion-header-content {  
  font-weight: 700;  
}
```

To target specific accordions, use the label of that accordion as id. For example an accordion labelled `custom-css`. Here is the qmd file.

```
---  
accordion:  
  - custom-css:  
    - header: This header has style  
      body: This body has style  
format:  
  html:  
    css: styles.scss  
---  
  
{{< accordion custom-css >}}
```

And here is the css file.

```

/*-- scss:rules --*/

#quarto-accordion-custom-css .accordion-header-content {
  font-weight: 700;
  color: red
}

#quarto-accordion-custom-css .accordion-body-content {
  color: green;
}

```

This header has style

This body has style

9 Markdown formatting

Markdown text formatting is supported in yaml metadata.

```

---
accordion:
  - markdown-formatting:
    - header: "**How much markdown formatting can I have in an accordion?**"
      body: "This is bold and italic"
---

{{< accordion markdown-formatting >}}

```

How much markdown formatting can I have in an accordion?

This is **bold** and *italic*

Multiline content and markdown formatting is supported in yaml metadata.

```

---
accordion:
  - multiline-markdown-formatting:
    - header: "**How much markdown formatting can I have in an accordion?**"
      body: |
        This is multiline yaml content.

```

```
This is bold and italic. This is a [URL](https://quarto.org).
```

```
This is a markdown image
```

```

```

```
This is a markdown table.
```

```
|Item|Category|
|Spools|Marketing|
|Cutters|Marketing|
|Pins|Logistics|
```

```
---
{{< accordion multiline-markdown-formatting >}}
```

How much markdown formatting can I have in an accordion?

This is multiline yaml content.

This is **bold** and *italic*. This is a [URL](#).

This is a markdown image

Item 1	^
This is the body content for item 1	
Item 2	v
Item 3	v
Item 4	v

This is a markdown table.

Item	Category
Spools	Marketing
Cutters	Marketing
Pins	Logistics

10 Other formats

The accordion shortcode is designed for **html** output. For formats **pdf** and **typst**, the accordion component degrades gracefully to show all content without interactivity. Markdown formatting is supported in these formats but HTML formatting is not. Accordions also work in **revealjs** presentation format.