Quarkdown Mock

Giorgio Garofalo © 2024-2025

Abstract

Welcome to Quarkdown's mock document. This comprehensive document serves as a **detailed reference** guide for all the visual elements that can be featured in a Quarkdown-generated document, and is structured to provide **clear and concise examples** of each. It is designed to be a resource for the interested in creating, refining and testing their own themes.

Whether you are looking to experiment with **color schemes, typography, or layout designs**, or just taking a look at some Quarkdown snippets, this mock document will provide the support you need.

To compile this document, run:
`quarkdown c mock/main.qd -p`

Different themes and document types may be tested
by changing the first lines of `main.qd`.

- Quarkdown on GitHub

- Quarkdown Wiki
- Several quotes from this document were taken from Bob Ross Lipsum

Table of Contents

1. Headings 5
2. Paragraphs 7
3. Lists 8
   - 3.1. Unordered 8
   - 3.2. Ordered 10
   - 3.3. Tasks 12
4. Images 13
   - 4.1. Floating 16
   - 4.2. Clipping 17
5. Tables 18
6. Code 19
7. Text formatting 21
   - 7.1. Emphasis 21
   - 7.2. Code 19
   - 7.3. Link 21
   - 7.4. Advanced formatting 22
8. Color preview 23
9. Blockquotes 24
   - 9.1. Alerts 25
10.

Boxes 26
10.1. Alerts 25
11. Math 29
12. Mermaid diagrams 30
12.1. XY chart 30
12.2. Class diagram 32
12.3. Sequence diagram 33
12.4. Flowchart 34
12.5. Git graph 35
12.6. Pie chart 36
13. Collapsibles 37
14. Errors 38
15. Separators 39
16. Alignment 40
17. Layout stacks 41
18. Bibliography 46
19. Ad-hoc locale adaptation 47

1. Headings

First-level heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Second-level heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Third-level heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Fourth-level heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Fifth-level heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Sixth-level heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

2. Paragraphs

All you need is a dream in your heart, and an almighty knife. Learn when to stop. No pressure. Just relax and watch it happen. Get away from those little Christmas tree things we used to make in school.

Let your heart be your guide. A thin paint will stick to a thick paint. There comes a nice little fluffer. It's a very cold picture, I may have to go get my coat. It's about to freeze me to death.

And I know you're saying, 'Oh Bob, you've done it this time.' And you may be right. You have to make almighty decisions when you're the creator. You create the dream — then you bring it into your world.

Anytime you learn something your time and energy are not wasted. Just think about these things in your mind and drop em' on canvas. At home you have unlimited time. Isn't that fantastic? You can just push a little tree out of your brush like that.

Little trees and bushes grow however makes them happy. The light is your friend. Preserve it. Let's make some happy little clouds in our world. When you do it your way you can go anywhere you choose. You can create anything that makes you happy.

Zip. That easy. If you don't think every day is a good day — try missing a few. You'll see. Get tough with it, get strong. Think about a cloud. Just float around and be there.

Here we're limited by the time we have. With something so strong, a little bit can go a long way. You don't have to spend all your time thinking about what you're doing, you just let it happen. Just let your mind wander and enjoy. This should make you happy. A big strong tree needs big strong roots.

3. Lists

3.1. Unordered

Tight

My favorite foods:

- Some delicious pasta
- A huge pizza
- A lot of sushi
- A tasty burger

Loose

My favorite foods:

- Some delicious pasta

- A huge pizza

- A lot of sushi

- A tasty burger

Nested

- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.
    - The quick brown fox jumps over the lazy dog
    - The quick brown fox jumps over the lazy dog
- The quick brown fox jumps over the lazy dog
    - The quick brown fox jumps over the lazy dog
        - The quick brown fox jumps over the lazy dog
    - The quick brown fox jumps over the lazy dog

3.2. Ordered

Tight

My favorite foods:

1. Some delicious pasta
2. A huge pizza
3. A lot of sushi
4. A tasty burger

Loose

My favorite foods:

1. Some delicious pasta

2. A huge pizza

3. A lot of sushi

4. A tasty burger

Nested

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.
    1. The quick brown fox jumps over the lazy dog
    2. The quick brown fox jumps over the lazy dog
2. The quick brown fox jumps over the lazy dog
    1. The quick brown fox jumps over the lazy dog
        1. The quick brown fox jumps over the lazy dog
    2. The quick brown fox jumps over the lazy dog

3.3. Tasks

Tight

Today's shopping list:

- [ ] Some delicious pasta
- [x] A huge pizza
- [x] A lot of sushi
- [ ] A tasty burger

Loose

Today's shopping list:

- [ ] Some delicious pasta
- [x] A huge pizza
- [x] A lot of sushi
- [ ] A tasty burger

4. Images

The quick brown fox jumps over the lazy dog. This is a separator text.

Figure 4.1

Figure 4.2: The Quarkdown icon.

Figure 4.3: 20% of page width.

Figure 4.4: 40% of page width.

Figure 4.5: 60% of page width.

Figure 4.6: A high-resolution picture.

4.1. Floating

The more that you practice, the more you're able to visualize things. Beauty is everywhere; you only have to look to see it. However you want to change this, that's the way it should be. It's a lot of fun. If you comply with that rule, how can you go wrong? Get a nice, even distribution of paint all through the bristles. We don't know where that goes — it doesn't matter at this point. Let's just have a good time.
Anything you are willing to practice, you can do! Think like a cloud.

The more that you practice, the more you're able to visualize things. Beauty is everywhere; you only have to look to see it. However you want to change this, that's the way it should be. It's a lot of fun. If you comply with that rule, how can you go wrong? Get a nice, even distribution of paint all through the bristles. We don't know where that goes — it doesn't matter at this point. Let's just have a good time.
Anything you are willing to practice, you can do! Think like a cloud.

4.2. Clipping

Figure 4.7: A nice sky.

Photo credits: Pixabay

5. Tables

Name	Age	City
Alice	30	New York
Bob	25	San Francisco
Charlie	35	Los Angeles

The quick brown fox jumps over the lazy dog. This is a separator text.

Name	Age	City
Alice	30	New York
Bob	25	San Francisco
Charlie	35	Los Angeles

Table 5.1: User information.

	Jump	Move left	Move right	Ability	Sprint
Player 1	W, Space	A	D	Shift	CTRL
Player 2	Up	Left	Right	X	Z

Table 5.2: Key bindings of the game.

6. Code

Default

```
public final class Wrapper<T> {
    private final T value;

    public Wrapper(T value) {
        this.value = value;
    }

    public final T getValue() {
        return this.value;
    }
}
```

Focus

```
public final class Wrapper<T> {
    private final T value;

    public Wrapper(T value) {
        this.value = value;
    }

    public final T getValue() {
        return this.value;
    }
}
```

No line numbers

```
public final class Wrapper<T> {
    private final T value;

    public Wrapper(T value) {
        this.value = value;
    }

    public final T getValue() {
        return this.value;
    }
}
```

7. Text formatting

7.1. *Emphasis*

You can't have light without dark. You can't know *happiness* unless you've known **sorrow**. Let's have a ~~nice~~ *tree right here*. Now **we don't want him to get lonely**, so we'll give him a little *friend*. We start with a ***vision*** in our ***heart***, **and ~~we put it~~ on canvas**. If I *paint something*, **I don't want to *have* to explain** what it is.

7.2. Code

After running `quarkdown c file.qd -p`, a webserver will run on port `8089`.
It may also be changed it via `--server-port <port>`.
Combining `-p` with `-w` enables live content reload!

7.3. Link

Did you know Quarkdown's wiki is a great place to start? Check it out!

7.4. Advanced formatting

This is an *example* of what you can do with just a ~~few things~~, a little imagination and a happy dream in your heart. THAT EASY.

The quick brown fox jumps over the lazy dog.

The quick brown fox ~~jumps over~~ ~~the lazy dog~~.

the quick BROWN FOX Jumps Over The Lazy Dog.

THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

8. Color preview

`#000000`

`#FFFFFF`

`#32A852`

`rgb(255, 0, 255)`

`hsl(350, 55, 40)`

`hsv(190, 50, 90)`

9. Blockquotes

The quick brown fox jumps over the lazy dog.

Let your imagination be your guide. Maybe we got a few little happy bushes here, just covered with snow. A big strong tree needs big strong roots.
— Bob Ross

You miss 100% of the shots you don't take.
— Wayne Gretzky

— Michael Scott

9.1. Alerts

Tip: Some useful information.
The quick brown fox jumps over the lazy dog.

Note: Something to be aware of.
The quick brown fox jumps over the lazy dog.

Warning: Something to be cautious about.
The quick brown fox jumps over the lazy dog.

Important: Some critical information.
The quick brown fox jumps over the lazy dog

10. Boxes

Don’t fight it, use what happens. That’s what makes life fun. That you can make these decisions. That you can create the world that you want. Once you learn the technique, ohhh! Turn you loose on the world; you become a tiger.

- The quick brown fox jumps over the lazy dog.
- The quick brown fox jumps over the lazy dog.

The quick brown fox jumps over the lazy dog

Don’t fight it, use what happens. That’s what makes life fun. That you can make these decisions. That you can create the world that you want. Once you learn the technique, ohhh! Turn you loose on the world; you become a tiger.

- The quick brown fox jumps over the lazy dog.
- The quick brown fox jumps over the lazy dog.

10.1. Alerts

The quick brown fox jumps over the lazy dog

Don’t fight it, use what happens. That’s what makes life fun. That you can make these decisions. That you can create the world that you want. Once you learn the technique, ohhh! Turn you loose on the world; you become a tiger.

- The quick brown fox jumps over the lazy dog.
- The quick brown fox jumps over the lazy dog.

The quick brown fox jumps over the lazy dog

Don’t fight it, use what happens. That’s what makes life fun. That you can make these decisions. That you can create the world that you want. Once you learn the technique, ohhh! Turn you loose on the world; you become a tiger.

- The quick brown fox jumps over the lazy dog.
- The quick brown fox jumps over the lazy dog.

⚠ The quick brown fox jumps over the lazy dog

Don’t fight it, use what happens. That’s what makes life fun. That you can make these decisions. That you can create the world that you want. Once you learn the technique, ohhh! Turn you loose on the world; you become a tiger.

- The quick brown fox jumps over the lazy dog.
- The quick brown fox jumps over the lazy dog.

The quick brown fox jumps over the lazy dog

Don’t fight it, use what happens. That’s what makes life fun. That you can make these decisions. That you can create the world that you want. Once you learn the technique, ohhh! Turn you loose on the world; you become a tiger.

- The quick brown fox jumps over the lazy dog.
- The quick brown fox jumps over the lazy dog.

11. Math

Inline

Let $F(u)$ be the *Fourier Transform* of the function $f(x)$.

Block

$$F(u) = \int_{-\infty}^{+\infty} f(x) e^{-i2\pi x} dx$$

Multiline block

$$f(x) = \begin{cases} x^2, & \text{if } x \geq 0 \\ -x, & \text{if } x < 0 \end{cases}$$

12. Mermaid diagrams

12.1. XY chart

11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
Revenue
1
2
3
4
5
6
7
8
9
10
11
12
Months

12.2. Class diagram

Figure 12.1: Class diagram of a bank system.

12.3. Sequence diagram

Figure 12.2: Sequence diagram of a communication.

12.4. Flowchart

Figure 12.3: Flowchart of the dashboard.

12.5. Git graph

Figure 12.4: Graph of a Git repository.

12.6. Pie chart

Figure 12.5: Pie chart of a daily routine.

13. Collapsibles

Block

▼ A collapsible block. *Click me!*

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Inline

Here is an inline collapsible text, which you can click here!

14. Errors

Error: row

```
Cannot call function row(...) with arguments (Error demonstration!, Hello!):
No such element 'Error demonstration!' among values [start, center, end, spacebetween,
spacearound, spaceevenly]
```

15. Separators

Horizontal

The quick brown fox jumps over the lazy dog.

The quick brown fox jumps over the lazy dog.

Vertical

A		D
B	|	E
C		F

16. Alignment

Start

The quick brown fox jumps over the lazy dog.

The brown fox jumps over the lazy dog.

The fox jumps over the dog.

Center

The quick brown fox jumps over the lazy dog.

The brown fox jumps over the lazy dog.

The fox jumps over the dog.

End

The quick brown fox jumps over the lazy dog.

The brown fox jumps over the lazy dog.

The fox jumps over the dog.

17. Layout stacks

Here positioning techniques will be used: rows, columns, grids and containers.

ABCD

A B C D

A
B
C

ABC
DEF

Left **Title** Right

Top
Title
Bottom

Container 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Container 2

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Container 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Container 2

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Container 3

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Container 4

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam aliquet ut erat nec suscipit. Mauris vitae massa eu leo molestie ullamcorper. Fusce ornare neque quis faucibus laoreet. Pellentesque mauris sapien, pretium sed leo vitae, aliquam suscipit dolor. Aenean egestas congue rutrum. Nunc eget eros eu justo fringilla lobortis efficitur non est. In ultrices lectus ac iaculis cursus. Phasellus at luctus nibh, non porttitor ex. Vestibulum ligula metus, dignissim ac nisi non, tristique hendrerit purus.

Some nice clouds!

A B C

There it is. In nature, dead trees are just as normal as live trees. Just a happy little shadow that lives in there. If you didn't have baby clouds, you wouldn't have big clouds.

That's it.

18. Bibliography

Einstein's publication [1] in 1905 revolutionized the field of physics, particularly in the realm of special relativity. His work laid the foundation for modern theoretical physics and has been cited extensively in subsequent research.

Similarly, Hawking's book [2] has had a profound impact on our understanding of cosmology and black holes.

References

[1] A. Einstein, "Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]," *Annalen der Physik*, vol. 322, no. 10, 1905.

[2] S. Hawking, *A Brief History of Time*: Bantam Books, 1988.

[3] D. Knuth, "Knuth: Computers and Typesetting." http://www-cs-faculty.stanford.edu/~uno/abcde.html.

19. Ad-hoc locale adaptation

Quarkdown can dynamically adapt to different locales.
Try changing the document language to *Chinese* in `setup.qd` and see this page magically morph!

□□□