

Mickaël Canouil's Brand

Quarto Extension

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Introduction

This document demonstrates various Quarto markdown elements to showcase the theming capabilities of Mickaël Canouil's brand extension.

Typography and Text Formatting

Basic Text Styling

Here's some bold text, italic text, and bold italic text. You can also use `inline` code within paragraphs.

Lists

Unordered Lists

- First item
- Second item with bold text
- Third item with italic text
 - Nested item
 - Another nested item
 - Deeply nested item

Ordered Lists

1. First numbered item
2. Second numbered item
3. Third numbered item with code
 - a. Sub-item a
 - b. Sub-item b
 - c. Sub-item c

Task Lists

- ☒ Completed task
- ☐ Incomplete task
- ☒ Another completed task

Code Blocks

```
def fibonacci(n):  
    """Generate Fibonacci sequence up to n terms."""  
    if n <= 0:
```

```

        return []
    elif n == 1:
        return [0]
    elif n == 2:
        return [0, 1]

    sequence = [0, 1]
    for i in range(2, n):
        sequence.append(sequence[i-1] + sequence[i-2])

    return sequence

# Example usage
fib_numbers = fibonacci(10)
print(f"First 10 Fibonacci numbers: {fib_numbers}")

```

Line 14

This comment highlights the return statement in the code above.

Quotes and Callouts

Blockquotes

“The best way to predict the future is to invent it.”

— Alan Kay

This is a longer blockquote that spans multiple lines to demonstrate how the brand theming affects quote styling. It includes various formatting elements like bold text and italic text.

Callouts

Note

This is a note callout. Use it to highlight important information that readers should pay attention to.

Warning

This is a warning callout. Use it to alert readers about potential issues or important considerations.

Tip

This is a tip callout. Use it to provide helpful suggestions or best practices.

Important

This is an important callout. Use it for critical information that must not be overlooked.

Caution

This is a caution callout. Use it to warn about potential risks or problems.

Tables

Simple Table

Feature	HTML	Typst	Reveal.js
Typography	✓	✓	✓
Colors	✓	✓	✓
Layout	✓	✓	✓
Interactive	✓	✗	✓

Complex Table

Language	Paradigm	Year	Key Features
Python	Multi-paradigm	1991	Simple syntax, extensive libraries
R	Functional, procedural	1993	Statistical computing, data analysis
JavaScript	Multi-paradigm	1995	Web development, event-driven
Rust	Systems	2010	Memory safety, performance

Mathematical Expressions

Inline Mathematics

The quadratic formula is $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ and Euler's identity states that $e^{i\pi} + 1 = 0$.

Display Mathematics

The probability density function of a normal distribution is:

$$f(x \mid \mu, \sigma^2) = \frac{1}{\sqrt{2\pi\sigma^2}} e^{-\frac{(x-\mu)^2}{2\sigma^2}}$$

A system of linear equations can be represented as:

$$\begin{aligned} ax + by &= c \\ dx + ey &= f \end{aligned}$$

Links and References

External Links

- [Quarto Documentation](#)
- [Mickaël Canouil's GitHub](#)
- [Brand Extension Repository](#)

Internal Links

See the [Typography](#) section for text formatting examples, or check out the [Code Blocks](#) section for syntax highlighting.

Figures and Images



Figure 1: This is a placeholder for an image that would showcase how the brand theming affects figure styling. In a real document, you would include actual images here.

Conclusion

This document demonstrates various Quarto markdown elements that benefit from the brand theming provided by this extension. The theming affects:

- **Typography:** Font choices, sizes, and spacing
- **Colours:** Text, backgrounds, and accent colours
- **Layout:** Margins, padding, and structural elements
- **Code:** Syntax highlighting and code block styling
- **Tables:** Borders, backgrounds, and formatting
- **Callouts:** Background colors and styling
- **Mathematical expressions:** Font and styling
- **Links:** Colours and hover effects

The brand extension ensures consistent visual identity across all supported output formats (HTML, Typst, and Reveal.js).