15-Sep-2025@17:54

Formatting Technical Memo with Quarto

A minimum example

First Author o Magic Technologies SA

> Summary This is an minimum technical memo containing the usual elements of technical writing: figure, table, equation, citation, bibliography, code snippet, and appendix. The document is rendered to PDF by Quarto with a custom extension which provides several styles. A memo style (inspired from Tufte handout style) for brief report, a 2-column paper style for scientific article, and a A3 poster style. The PDF is rendered with the modern Typst engine, which is built into Quarto.

Keywords: Quarto, technical writing, memo, paper, poster

1 Overview

The document contains all standard elements of a technical writing. $f(x)=x^2$ is an inline equation while eq. (1) is a numbered equation. [1] is a citation in IEEE style. Figure 1 shows a numbered figure. Table 1 is a numbered table. Here is a physical quantity: 1µT (1 microtesla), note the thin non-breaking space. In IEEE legacy PDF, one need to use the math mode or the SI unit package to render the greek letters. Syntax highlighting is supported in code snippets. Moreover, callout boxes are available for tips, notes, warnings, and important remarks.

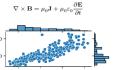


Table 1: Example of engineering table

Parameter	Symbol	Тур	Uni
Hall sensitivity	S_{H}	0.2	V/T
Effective nr of bits	ENOB	12	_

{{< colbreak >}}

def f(x, square=True): # Python code snippet
return (x**2) if square else x

i Markdown syntax

The document is written in Markdown, a plain-text easy syntax. See the Quarto documentation.

DUMMY TEXT. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere liquia sit amet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem blandit pulvinar augue sit amet, auctor malesuada sapien Nullam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper. Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

[1] G. Close, "Technical Writing and Publishing Data-Rich Articles with Quarto," Sep. 22, 2022. [Online]. Available

Formatting Technical Memo with Quarto

First Author | 15-Sep-2025 (17:54)

Summary. This is an minimum technical memo containing the usual elements of technical writing: figure, table, equation, citation, bibliography, code snippet, and appendix. The document is rendered to PDF by Quarto with a custom extension which provides several styles. A memo style (inspired from Tufte handout style) for brief report, a 2-column paper style for scientific article, and a A3 poster style. The PDF is rendered with the modern Typst engine, which is built into Quarto.

Overview

The document contains all standard elements of a technical writing. $f(x)=x^2$ is an inline equation while eq. Equation 1 is a numbered equation. In memo style, margin notes are supported, including small inline image and equation $e^{\pi i}$ +

1 = 0.

1=0. They shouldn't be used in 2-column paper style. [1] is a citation in IEEE style. Figure 1 shows a numbered figure. Table 1 is a numbered table. Here is a physical quantity: 1 μ T (1 microtesla), note the thin non-breaking space. In IEEE legacy PDF, one need to use the math mode or the SI unit package to render the greek letters. Syntax highlighting is supported in code snippets. Moreover callout boxes are available for tips, notes, warnings, and important remarks.

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \varepsilon_0 \frac{\partial \mathbf{E}}{\partial t}$$

Figure 1: Figure caption

rable 1. Example of engineering table				
Parameter	Symbol	Тур	Unit	
Hall sensitivity	S_{H}	0.2	V/T	
Effective pr. of hits	ENOB	12		

def f(x, square=True): return (x**2) if square else x

i Markdown syntax

The document is written in Markdown, a plain-text easy syntax. See the Quarto documentation

DUMMY TEXT. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligula sit annet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nullam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

References
[1] G. Close, "Technical Witing and Publishing Data-Rich Articles with Quarto," Sep. 22, 2022 (Online) Available. https://towardsdatascience.com/lechnical-writing-and-publishing-data-nich-articles-with-quarto-d6-la5/8bcas84/

15-Sep-2025@17:54

Formatting Technical Memo with Quarto

First Author (5)
Magic Technologies SA
abc@email.ch

Summary This is an minimum technical memo containing the usual elements of technical writing figure, table, equation, citation, bibliography, code snippet, and appendix. The document is rendered to PDF by Quarto with a custom extension which provides everal styles. A memo style (inspired from Turth enandout style) for brief report, a 2-column paper style for scientific article, and a A3 poster style. The PDF is rendered with the modern Typst engine, which is built into Quarto.

Keywords: Quarto, technical writing, memo, paper, poster

1 Overview

The document contains all standard elements of a technical writing, $f(x) = x^2$ is an inline equation while eq. (1) is a numbered equation. In memo style, margin notes are supported, including small **inline** image and equation $e^{\pi i} + 1 = 0$

300 × 100

They shouldn't be used in 2-column paper style.

[1] is a citation in IEEE style Figure 1 shows a numbered faigur. Table 1 is a numbered table. Here is a physical quantity: 1µT (1 microtesla), note the thin non-breaking space. In IEEE legacy PDF, one need to use the math mode or the SI unit package to render the greek letters. Syntax highlighting is supported in code snippets. Morcover, callout boxes are available for tips, notes, warnings, and important remarks.

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \varepsilon_0 \frac{\partial \mathbf{E}}{\partial t} \tag{1}$$

Table 1: Example of engineering table

Parameter	Symbol	Тур	Unit
Hall sensitivity	S_{H}	0.2	V/T
Effective nr of bits	ENOB	12	_

{{< colbreak >}}

```
# Python code snippet
return (x**2) if square else x
```

i Markdown syntax

The document is written in Markdown, a plain-text easy syntax. See the Quarto documentation.

DUMMY TEXT. Lorem ipsum dolor sit amet, consecte-tur adipticing elit. Duit sogittis posuere ligula sit amet lacinia. Duis dignissim pellentesque magna, rhoneus conque sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis eral. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nui-lam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volupata a. Quisque hendrerib handit purus non fringilla. Integer sit amet elli viverra ante dapibus semper. Vesibu-tum viverar arturun enim, al luctus enim postere eu. Orci varius natoque penatibus et magnis dis parturient montes, naseetur ridiculus mus.

References

Formatting Technical Memo with Quarto

First Author¹ ¹Magic Technologies SA Email: *abc@email.ch

Abstract—This is an minimum technical memo containing Abstract—This is an minimum technical memo containing the usual elements of technical writing; figure, table, equation, citation, bibliography, code snippet, and appendix. The document is rendered to PDF by Quarto with a custom extension which provides several styles. A memo style (inspired from Tufte handout style) for brief report, 22-column paper style for scientific article, and a A3 poster style. The PDF is rendered with the modern Typst engine, which is built into Quarto. Index Terms—Quarto, technical writing, memo, paper, poster

I. OVERVIEW

The document contains all standard elements of a technical writing, $f(x) = x^2$ is an inline equation while eq. Equation 1 is a numbered equation. In memo style, margin notes are sup orted, including small **inline** image and equation $e^{\pi i} + 1 = 0$.

They shouldn't be used in 2-column paper style. [1] is a citation in IEEE style. Figure 1 shows a numbered figure. Table I is a numbered table. Here is a physical quantity: 1 T (1 native is a numered table. Here is a physical quantity: If (i) microtesla), note the thin non-breaking space. In IEEE legacy PDF, one need to use the math mode or the SI unit package to render the greek letters. Syntax highlighting is supported in code snippets. Moreover, callout boxes are available for tips, notes, warnings, and important remarks.

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \varepsilon_0 \frac{\partial \mathbf{E}}{\partial t}$$
 (

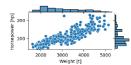


Figure 1: Figure caption.

15-Sep-2025@17:54

rubic 1. Example	or engin	cermg	tuor
Parameter	Symbol	Тур	Uni
Hall sensitivity	S_{H}	0.2	V/T

i Markdown syntax

The document is written in Markdown, a plain-text easy syntax. See the Quarto documentation

return (x**2) if square else x

DUMMY TEXT. Lorem insum dolor sit amet, consectetur DUMNY 1EA1. I come mysum dolor sit amet, consecteiur adipiscing elit. Duis sagiitis posuere ligula si tamet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoret, vehicula ipsum in, convallis erat. Vestibulum magna sem, bhardit pulvinar augue sit amet, auctor malexanda sapien. Nilaml nacibus los ege et ens hendreit, non kaoreet ipsum lacinia. Curabitur cursus diam elit. aeri, mo taoret spasm tacinia, canonia ciassa suam eti, non tempus ante volutpat a. Quisque hendreri blandi purus non fringilla. Integer sit amet elli viverra ante dapibus semper. Vestibaldam viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

G. Close, "Technical Writing and Publishing Data Rich Articles with Quarto," Sep. 22, 2022. [Online]. Available: https://towardsdatascience.com/technical-writing-and-publishing-data-rich-articles-with-quarto-