

Quarto + kaohandt: Multilingual Font Test

Test Author

2026-02-22

Introduction

This document is a minimal working example (MWE) of a Quarto project rendered with the `kaohandt` document class from the **kao-book** family. It uses **XeLaTeX** as the PDF engine and exercises the wide-margin layout that `kaohandt` provides.

Margin Notes and Layout

The `kaohandt` class is based on `scrartcl` (KOMA-Script) and reserves a generous right margin for annotations. Below we place a margin note to verify that the sidenote machinery is functional.

This sentence demonstrates the margin-note feature.

 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

This is a test sidenote. It appears in the outer margin thanks to the `marginnote` package loaded by `kao.sty`.

Sample Equation

The wider margin also benefits mathematical documents. Here is the Maxwell–Faraday equation in differential form:

$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t}$$

And a numbered inline equation testing the math renderer:

$$e^{i\pi} + 1 = 0$$

Traditional Chinese (cwTeX Q Ming)

以下段落測試中文繁體字型 (cwTeX Q Ming) 是否正確載入。

本文件示範了 Quarto 搭配 XeLaTeX 引擎，透過 xeCJK 套件支援中文排版。字型使用 cwTeX Q 明體，路徑設定於 ./fonts/cwtex/。這段文字應以正確的明體字形呈現，包括標點與換行規則。

Thai (Sarabun)

ข้อความต่อไปนี้ทดสอบการแสดงผลภาษาไทยโดยใช้ฟอนต์ Sarabun:

สวัสดีครับ นี่คือการทดสอบภาษาไทยด้วยฟอนต์ Sarabun ซึ่งโหลดจากโฟลเดอร์ ./fonts/sarabun/ การแสดงผลควรถูกต้องทั้งตัวอักษรและวรรณยุกต์

Conclusion

If this document compiles successfully, all three font stacks are working:

- **English** – Libertinus Serif from ./fonts/libertinus/
- **Chinese** – cwTeX Q Ming from ./fonts/cwtex/ via xeCJK
- **Thai** – Sarabun from ./fonts/sarabun/ via \thaifont