

Happy New Year

ver2024



Deno

```
import { PDFDocument } from "https://cdn.jsdelivr.net/npm/pdfkit@1.7.0"; import fontkit from "https://cdn.jsdelivr.net/npm/fontkit@1.0.0?dts"; const calcPt = (mm: number) => { return mm * 72; }; const defaultFontFilePath = "Roboto-Regular.ttf"; const defaultFontBytes = await Deno.readFile(defaultFontFilePath); const customFontFilePath = "RubikDoodleShadow/RubikDoodleShadow-Regular.ttf"; const customFontBytes = await Deno.readFile(customFontFilePath); const pdfDoc = await PDFDocument.create(); pdfDoc.registerFontkit(fontkit); const defaultFont = await pdfDoc.embedFont(defaultFontBytes); const customFont = await pdfDoc.embedFont(customFontBytes); const page = pdfDoc.addPage([calcPt(100), calcPt(148)]); const backgroundImage = await Deno.readFile("background_test.png"); const backgroundImage = await pdfDoc.embedPng(backgroundImage); const backgroundDims = backgroundImage.scale(0.2); page.drawImage(backgroundImage, { x: page.getWidth() / 2 - backgroundDims.width / 2, y: page.getHeight() / 2 - backgroundDims.height / 2, width: backgroundDims.width, height: backgroundDims.height, }); page.drawText("Happy New Year", { font: customFont, x: calcPt(8), y: calcPt(134), size: calcPt(10), }); page.drawText("This New Year's card was generated using this program.", { font: defaultFont, x: calcPt(6), y: calcPt(16), size: calcPt(3), }); page.drawText("This program was created to express our gratitude", { font: defaultFont, x: calcPt(6), y: calcPt(13), size: calcPt(3), }); page.drawText("for the past year and our hopes for the new year.", { font: defaultFont, x: calcPt(30), y: calcPt(10), size: calcPt(3), }); page.drawText("The font is Rubik Doodle Shadow.", { font: defaultFont, x: calcPt(6), y: calcPt(7), size: calcPt(3), }); page.drawText("Wishing you all the best in the new year!", { font: defaultFont, x: calcPt(6), y: calcPt(4), size: calcPt(3), }); page.drawText("https://github.com/emp-temp/HappyNewYearCards-2024", { font: defaultFont, x: calcPt(45), y: calcPt(2), size: calcPt(2), }); const denoPicture = await Deno.readFile("deno_kun.png"); const denoImage = await pdfDoc.embedPng(denoPicture); const denoDims = denoImage.scale(0.3); page.drawImage(denoImage, { x: page.getWidth() / 2 - denoDims.width / 2 + 70, y: page.getHeight() / 2 - denoDims.height / 2 - 120, width: denoDims.width, height: denoDims.height, }); const deno2Picture = await Deno.readFile("deno2.png"); const deno2Image = await pdfDoc.embedPng(deno2Picture); const deno2Dims = deno2Image.scale(0.1); page.drawImage(deno2Image, { x: page.getWidth() / 2 - deno2Dims.width / 2, y: page.getHeight() / 2 - deno2Dims.height / 2 + 120, width: deno2Dims.width, height: deno2Dims.height, }); const pdfBytes = pdfDoc.save(); await Deno.writeFile("./NewYearCard.pdf", pdfBytes); console.log("PDF file written to ./NewYearCard.pdf");
```



This New Year's card was generated using this program.

This program was created to express our gratitude

for the past year and our hopes for the new year.

This code is written by deno (<https://deno.com/>)

Wishing you all the best in the new year!

<https://github.com/emp-temp/HappyNewYearCards-2024>