A page that carries no font

Every one of the lines below is set in a font this file does not hold. Reading software draws them from its own store, which is what the standard asks of it, so nothing of the typefaces travels with the document.

Four of the fourteen

Helvetica, the one without serifs.

Times Bold Italic, and it is already accented: déjà, ç, ù, ô, ï.

`Courier, where every letter is the same width.`

$\Sigma \sqrt{} \int \alpha\beta\gamma \geq \infty$

What it saves

Those four lines, on a page of their own, weigh 5 502 bytes. The same four lines, with one font carried inside the file, weigh 12 509. Both figures are measured by the program that drew this page, not written in by hand.

It is not free. A file claiming an archival or accessibility standard may not do this — those standards want every font carried — and these faces draw only the letters their own encoding reaches, so a writing system outside it needs a font the file does carry.

The fourteen, and what each states about itself

Courier — Sphinx of black quartz, judge my vow

rises 6.3, falls 1.6, capitals 5.6 pt at 10 pt; slants 0.0°; one width for every glyph; the encoding the text faces share
the line runs 216.0 pt; of the 4 characters probed it lacks U+03A9, U+2713

Courier-Bold — **Sphinx of black quartz, judge my vow**

rises 6.3, falls 1.6, capitals 5.6 pt at 10 pt; slants 0.0°; one width for every glyph; the encoding the text faces share
the line runs 216.0 pt; of the 4 characters probed it lacks U+03A9, U+2713

Courier-BoldOblique — ***Sphinx of black quartz, judge my vow***

rises 6.3, falls 1.6, capitals 5.6 pt at 10 pt; slants -12.0°; one width for every glyph; the encoding the text faces share
the line runs 216.0 pt; of the 4 characters probed it lacks U+03A9, U+2713

Courier-Oblique — *Sphinx of black quartz, judge my vow*

rises 6.3, falls 1.6, capitals 5.6 pt at 10 pt; slants -12.0°; one width for every glyph; the encoding the text faces share
the line runs 216.0 pt; of the 4 characters probed it lacks U+03A9, U+2713

Helvetica — Sphinx of black quartz, judge my vow

rises 7.2, falls 2.1, capitals 7.2 pt at 10 pt; slants 0.0°; a width for each glyph; the encoding the text faces share
the line runs 165.1 pt; of the 4 characters probed it lacks U+03A9, U+2713

Helvetica-Bold — **Sphinx of black quartz, judge my vow**

rises 7.2, falls 2.1, capitals 7.2 pt at 10 pt; slants 0.0°; a width for each glyph; the encoding the text faces share
the line runs 178.4 pt; of the 4 characters probed it lacks U+03A9, U+2713

Helvetica-BoldOblique — ***Sphinx of black quartz, judge my vow***

rises 7.2, falls 2.1, capitals 7.2 pt at 10 pt; slants -12.0°; a width for each glyph; the encoding the text faces share
the line runs 178.4 pt; of the 4 characters probed it lacks U+03A9, U+2713

Helvetica-Oblique — *Sphinx of black quartz, judge my vow*

rises 7.2, falls 2.1, capitals 7.2 pt at 10 pt; slants -12.0°; a width for each glyph; the encoding the text faces share
the line runs 165.1 pt; of the 4 characters probed it lacks U+03A9, U+2713

Times-Roman — Sphinx of black quartz, judge my vow

rises 6.8, falls 2.2, capitals 6.6 pt at 10 pt; slants 0.0°; a width for each glyph; the encoding the text faces share
the line runs 153.0 pt; of the 4 characters probed it lacks U+03A9, U+2713

Times-Bold — **Sphinx of black quartz, judge my vow**

rises 6.8, falls 2.2, capitals 6.8 pt at 10 pt; slants 0.0°; a width for each glyph; the encoding the text faces share
the line runs 162.0 pt; of the 4 characters probed it lacks U+03A9, U+2713

Times-BoldItalic — ***Sphinx of black quartz, judge my vow***

rises 6.8, falls 2.2, capitals 6.7 pt at 10 pt; slants -15.0°; a width for each glyph; the encoding the text faces share
the line runs 154.7 pt; of the 4 characters probed it lacks U+03A9, U+2713

Times-Italic — *Sphinx of black quartz, judge my vow*

rises 6.8, falls 2.2, capitals 6.5 pt at 10 pt; slants -15.5°; a width for each glyph; the encoding the text faces share
the line runs 149.7 pt; of the 4 characters probed it lacks U+03A9, U+2713

Symbol — Σ √ ∫ αβγ ≥ ∞

rises 10.1, falls 2.9, capitals 10.1 pt at 10 pt; slants 0.0°; a width for each glyph; an encoding of its own
the line runs 55.2 pt; of the 4 characters probed it lacks U+00E9, U+03A9, U+2713

ZapfDingbats — ✓ ✍ ✎ ★ ✁ ❤

rises 8.2, falls 1.4, capitals 8.2 pt at 10 pt; slants 0.0°; a width for each glyph; an encoding of its own
the line runs 63.4 pt; of the 4 characters probed it lacks U+00E9, U+20AC, U+03A9

The same fourteen, embedded in the file

A file that must embed its fonts sets each of the fourteen in a free typeface designed to the same character widths: Liberation here, though TeX Gyre would do as well. Each line below is set in that typeface, labelled with its own name, and comes out exactly as wide as on the previous page.

LiberationMono
Sphinx of black quartz, judge my vow
line width: 216.0 pt

LiberationMono-Bold
Sphinx of black quartz, judge my vow
line width: 216.0 pt

LiberationMono-BoldItalic
Sphinx of black quartz, judge my vow
line width: 216.0 pt

LiberationMono-Italic
Sphinx of black quartz, judge my vow
line width: 216.0 pt

LiberationSans
Sphinx of black quartz, judge my vow
line width: 165.1 pt

LiberationSans-Bold
Sphinx of black quartz, judge my vow
line width: 178.4 pt

LiberationSans-BoldItalic
Sphinx of black quartz, judge my vow
line width: 178.4 pt

LiberationSans-Italic
Sphinx of black quartz, judge my vow
line width: 165.1 pt

LiberationSerif
Sphinx of black quartz, judge my vow
line width: 153.0 pt

LiberationSerif-Bold
Sphinx of black quartz, judge my vow
line width: 162.0 pt

LiberationSerif-BoldItalic
Sphinx of black quartz, judge my vow
line width: 154.7 pt

LiberationSerif-Italic
Sphinx of black quartz, judge my vow
line width: 149.7 pt

HQFSymbol
Σ √ ∫ αβγ ≥ ∞
line width: 55.2 pt

HQFDingbats
✓ ✈ ☎ ★ ✂ ❤
line width: 63.4 pt