

# Test Screen Reader Text

2026-04-17

Posts on this blog are compiled to SVG pages, which provides a consistent visual appearance but leaves assistive technology with nothing to announce. To fix the accessibility issue, the template wraps each semantic element in a `#metadata(..) <driver-doc>` node, and the build script runs `typst query` to pull that tree out and rebuild an HTML version of the post inside a `<div class="sr-only">` block ahead of the image. This post exercises that pipeline: every common Typst element appears below so that a screen reader can verify extraction.

## Paragraphs and emphasis

This is a plain paragraph. It contains some **bold text**, some *italicized phrasing*, and the occasional `inline code span`. All three should appear with their semantic wrappers intact.

## Inline links

A link to [the homepage](#) should be announced as link text, not as a raw URL. A second link to [Typst](#) keeps the destination within the anchor.

## Lists

Unordered list:

- First bullet.
- Second bullet with an `inline code fragment` inside.

Ordered list:

1. Step one.
2. Step two.
3. Step three.

## Code block

```
fn greet(name: &str) {  
  // This looks like a comment  
  println!("Hello, {name}!");  
}
```

## Block quote

Premature optimization is the root of all evil.

— Donald Knuth

## Math

Inline math:  $e^{i\pi} + 1 = 0$ .

Block math follows:

$$\int_0^{\infty} e^{-x^2} dx = \frac{\sqrt{\pi}}{2}$$

Math equations are currently converted to raw source text, which is not ideal, but at least ensures that the content is not lost. A future improvement would be to render them in MathML or a similar format for better screen reader support.

## Table

Element	Purpose	Tested?
heading	section break	yes
raw	code snippets	yes
table	tabular data	yes

## Figure

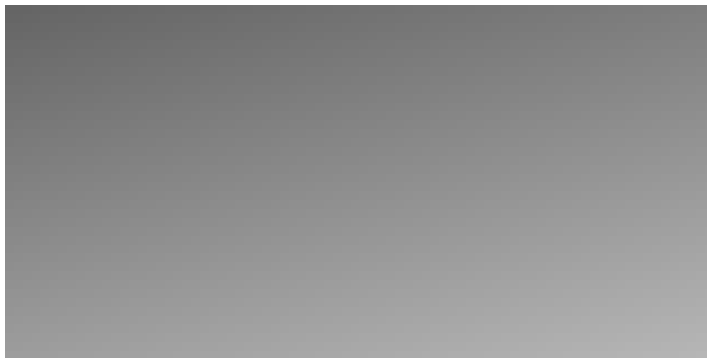


Figure 1: A test figure with alt text and a caption.

## Custom elements

Information blocks are converted to `<aside>` elements.

## Closing

If every element above is readable in the `sr-only` block, extraction is working. If anything is missing or garbled, refer to the PDF version as a reference.

Edited on 2026-04-17