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Writing Solid Code

Code Coverage

I got 69.25% of the 348 lines covered with my fuzzer. The lines that I missed are listed below with a short explanation of why my fuzzer doesn't cover those lines.

- Lines 145 and 149: I don't test unsigned longs or unsigned shorts

- Lines 233 – 239: I don't test either +/- infinity.

- Lines 253 – 264: I don't test rounding.

- Line 282: I couldn't decipher why I don't cover this line.

- Lines 321 – 333: I don't test long doubles.

- Lines 376 – 378: It looks like I miss a special case in g.

- Lines 417 – 419: It looks like I miss a special case in f.

- Line 471: This is a check for overflowing characters.

- Lines 486 – 524: The spec I followed didn't include the '$' option.

- Lines 559 – 572: I don't test the '%n' or '%p' options.

- Lines 616 – 631: The "%C" and "%S" don't' appear in the spec I used.

- Lines 672 – 690: Aren't coverable due to printing to a buffer.