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Subject: Capture division by zero

Posted by [koldo](#) on Fri, 16 Oct 2020 07:15:33 GMT

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I would like to capture floating point errors.

For now in case of error the program execution follows, but you can find in the doubles, things like INF or NAN.

This behaviour is very conservative for my apps, and I'd prefer in some situations to capture these situations stopping the execution.

I have tried it unsuccessfully using:

- signal(SIGFPE, ...)
- \_controlfp\_s()
- \_set\_se\_translator()

Any help will be acknowledged!

PD. Somebody could say "just check that all data is adequate before using it in division, sqrt, ...". That's true, but difficult and cumbersome in some situations using uncontrolled data sources where sometimes even doing lots of "if" to check the consistency of data, that's not enough.

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