

# C++ Club UK

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► Timur Doumler

# GCC 9.2 Released

<https://gcc.gnu.org/gcc-9/changes.html>

[https://www.reddit.com/r/cpp/comments/cpiwfc/gcc\\_92\\_released/](https://www.reddit.com/r/cpp/comments/cpiwfc/gcc_92_released/)

# Remember the Vasa! or, plus ça change, plus c'est la même chose

Ben Deane

*C++ is growing. Change can be daunting, but I think we're going to be fine. And when one day a specific little hammer is just the right tool for the task at hand, I'll be thankful that someone added that hammer to my toolbox.*

[https://www.reddit.com/r/cpp/comments/cpqzkw/remember\\_the\\_vasa\\_or\\_plus\\_%C3%A7a\\_change\\_plus\\_cest\\_la/](https://www.reddit.com/r/cpp/comments/cpqzkw/remember_the_vasa_or_plus_%C3%A7a_change_plus_cest_la/)

## VxWorks uses Clang and C++14

<https://www.windriver.com/products/vxworks/>

<https://resources.windriver.com/vxworks/vxworks-compilers-and-frameworks>

VxWorks powers more than 2 billion devices.

# Fixing C++ with epochs

Vittorio Romeo

*The goal of this blog post is to convince you that we need an equivalent of **Rust Editions** in C++, and that it is possible and a good idea.*

[https://www.reddit.com/r/cpp/comments/clcz08/fixing\\_c\\_with\\_epochs/](https://www.reddit.com/r/cpp/comments/clcz08/fixing_c_with_epochs/)

[https:](https://www.reddit.com/r/cpp/comments/cnsi6x/an_alternative_to_epochs/)

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# Should not exceptions be finally deprecated?

[https://www.reddit.com/r/cpp/comments/cliw5j/should\\_not\\_exceptions\\_be\\_finally\\_deprecated/](https://www.reddit.com/r/cpp/comments/cliw5j/should_not_exceptions_be_finally_deprecated/)

*I have been programming in C++ for a long time, but I still do not understand how to use exceptions.*

# A C++ acronym glossary

Arthur O'Dwyer

[https://www.reddit.com/r/cpp/comments/cl7arc/a\\_c\\_acronym\\_glossary/](https://www.reddit.com/r/cpp/comments/cl7arc/a_c_acronym_glossary/)

See also: <https://en.cppreference.com/w/cpp/language/acronyms>

**SCARY** Seemingly erroneous (appearing Constrained by conflicting generic parameters), but Actually works with the Right implementation (unconstrained bY the conflict due to minimized dependencies). From <http://www.stroustrup.com/SCARY.pdf>



## Visual Studio Blog

- ▶ New Default Semantic Colorization
- ▶ Template Argument Filtering in Call Stack Window
- ▶ IntelliCode On-By-Default

### C++ Parallel Programming with Threading Building Blocks

► PDF

► Epub

[https://www.reddit.com/r/cpp/comments/cov2xw/pro\\_tbb\\_c\\_parallel\\_programming\\_with\\_threading/](https://www.reddit.com/r/cpp/comments/cov2xw/pro_tbb_c_parallel_programming_with_threading/)

# Stop using out arguments

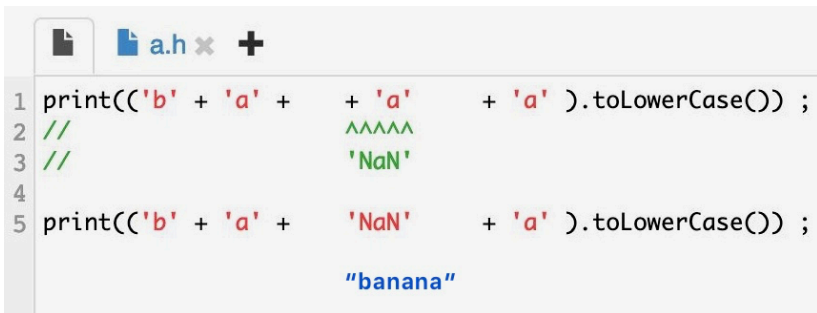
Sean Parent: <https://stlab.cc/tips/stop-using-out-arguments.html>

- ▶ P1132R6
- ▶ Example
- ▶ Code: [https://github.com/ThePhD/out\\_ptr](https://github.com/ThePhD/out_ptr) (Boost)

# Retro



# JavaScript is weird



```
1 print(('b' + 'a' +      + 'a'      + 'a' ).toLowerCase()) ;
2 //                      ^^^^^^
3 //                      'NaN'
4
5 print(('b' + 'a' +      'NaN'      + 'a' ).toLowerCase()) ;
                                "banana"
```