

# SystemC LWG Update

## SystemC Evolution Fika - 30 May 2024

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# Since the last FIKA...

- SystemC 3.0.0 released end of March'24
- Several fixes and improvements done
- 4 synchronizations done between the LWG and the public repos over the 2 last months
- Constructing the roadmap of the upcoming releases
  - Your inputs are welcome!

# Towards SystemC 3.0.1

- Global clean-up
  - Compiler warnings in the SystemC library: `-Wformat-truncation`
  - Compiler warnings in the regression tests: `-Wcatch-value`,  
`-Wimplicit-fallthrough`, `-Wint-in-bool-context`,  
`-Wmaybe-uninitialized`, `-Wstringop-truncation`,  
`-Wparentheses`, `-Wtype-limits`, `-Wshift-negative-value`
  - Added some pragmas to workaround some false positive warnings with GCC and clang
  - Fixes in the Automake build targets `install`, `uninstall`, `dist` and `distcheck`
- Build flow
  - Cmake build flow as default
  - Autotools build flow deprecated, will be removed in 3.1
- Tests improvements
- CI support improvements
- 16 issues set for 3.0.1 milestone

# Community recognition

- Thanks for the issues and Pull Requests created since end of March
  - Javf88, sedlakmilan, rSpliet, jhsy1209021, Sharim
- We encourage more community contributions!
  - <https://github.com/accellera-official/systemc>
  - <https://github.com/accellera-official/systemc/issues>
  - <https://github.com/accellera-official/systemc/pulls>

# Q&A