GCC has a robust set of diagnostics based on control- and data-flow analysis. They are able to detect many kinds of bugs primarily related to invalid accesses. In this talk I will give an overview of the latest state of some of these diagnostics and sketch out my ideas for future enhancements in this area.

I agree to abide by the anti-harassment policy

I agree

**Primary author:** Mr SEBOR, Martin (Red Hat)

**Presenter:** Mr SEBOR, Martin (Red Hat)

**Session Classification:** GNU Tools Track

**Track Classification:** GNU Tools Track