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Using the GCC regression test suite for LLVM

Monday, 20 September 2021 08:00 (30 minutes)

LLVM has two main test suites:

- the regression test suite tests the compilation from source to IR; and
- the nightly test suite is a body of often large applications which are compiled and executed.

However, there is no large body of tests of detailed functionality which is compiled right down to the target object code and executed. At previous conferences, we have described the changes we have made to allow the GCC test suite to be used for nightly public regression testing of LLVM for RISC-V. Here we will discuss the necessary transformations to the testsuite to support LLVM.

I agree to abide by the anti-harassment policy

I agree

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