

The Light-Weight JIT Compiler Project

Monday 24 August 2020 08:30 (25 minutes)

Recently CRuby got a JIT based on GCC or Clang. Experience with use of the CRuby JIT confirmed the known fact that GCC does not fit well for all JIT usage scenarios. Ruby needs a light-weight JIT compiler used as a tier 1 compiler or as a single JIT compiler. This talk will cover experience of GCC usage for CRuby JIT and drawbacks of GCC as a tier 1 JIT compiler. This talk also will cover the light-weight JIT compiler project motivations, current and possible future states of the project.

I agree to abide by the anti-harassment policy

I agree

Primary author: MAKAROV, Vladimir

Presenter: MAKAROV, Vladimir

Session Classification: GNU Tools Track

Track Classification: GNU Tools Track