Contribution ID: **77** Type: **not specified**

Kprobes Jump Optimized for more Archs

Tuesday, 25 August 2020 07:25 (25 minutes)

Since "Kprobes jump optimization" was introduced by Masami Hiramatsu in 2009, Only x86, arm32, powerpc64 have supported it. It seems that architecture met obstacles to implement the feature.

In this talk, let's compare x86, arm32, powerpc64 OPTKPROBES' feature, and find out the limitation of them. Then let's talk about how to implement kprobes jump Optimized for new archs (riscv & csky).

In the end, the talk will give out some advice to ISA hardware design to help implementing the feature of kprobes jump optimized.

I agree to abide by the anti-harassment policy

I agree

Primary author: Mr GUO, Ren

Presenter: Mr GUO, Ren

Session Classification: linux/arch/* MC

Track Classification: linux/arch/* MC