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## Compact C Type Format Support in the GNU toolchain

*Tuesday 10 September 2019 12:30 (30 minutes)*

A brief introduction to CTF and its recent addition to the GNU toolchain: what is it for, what's there now, what improvements are planned, and why you might want to use this stuff rather than DWARF.

What cool things might we be able to do now that C programs can inspect their own types cheaply? What cool things might we be able to do if we extend this to other languages, so C programs could introspect into other languages' type systems?

A particular focus of interest will be finding out how CTF could help BTF, and vice versa: they are doing similar but slightly different things, and surely the two schemes could cooperate to the benefit of both.

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Yes

**Primary authors:** ALCOCK, Nick (Oracle Corporation); BHAGAT, Indu (Oracle Corporation)

**Presenters:** ALCOCK, Nick (Oracle Corporation); BHAGAT, Indu (Oracle Corporation)

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