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CERN control group cores and tools

Tuesday, 11 June 2024 16:50 (30 minutes)

The CERN control group (in particular the BE-CEM-EDL section, previously BE-CO-HT) is at the origin of the White Rabbit technology. But in addition to this well known project, the section has also developed a set of generic cores (named general-cores), a tool to automatically build project for simulators and synthesizers starting from a python description (hdlmake), as well as a tool to generate HDL, header files and documentation from a register map (Cheby).

I will present how we develop designs using those tools and library.

Talk's Q&A

During the talk

Talk duration

20'+10'

Will you be able to present in person?

Yes

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Session Classification: Sharable HDL Cores

Track Classification: Sharable HDL cores