FPGA Continuous Integration and RISC-V Processor Design

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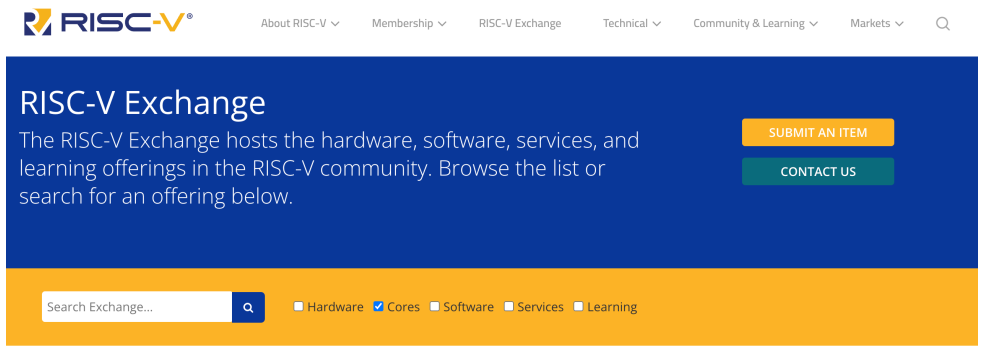
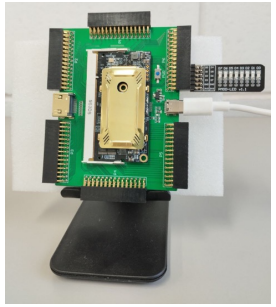
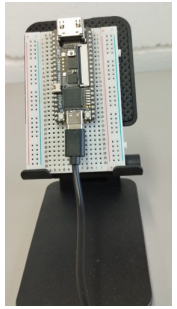
Challenge: How do you select a new core for your Project?

Design a new core from Scratch	• Architecture/Specification • Performance requirements
Buy one core	• Price/Licensing • Performance
Use an open source model	• Which one should you use?

100+ cores available on riscv.org
How do I choose among them?







We created a continuous integration for RISC-V processor to assess their maturity level using multiple FPGAs and synthesis tools.

Come to our poster to discuss and see several research opportunities