



zkEVM
Formal
Verification
Project

The Verified Verifier

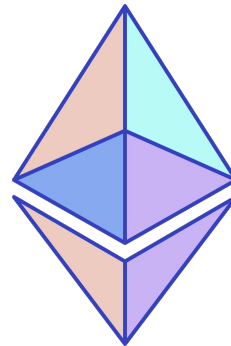
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We're building an end-to-end proof for PLONK verification on Ethereum, using LEAN

- The highest stakes for industry are in zkEVMs
- The most common last step of zkEVM is wrapping for on-chain verification using PLONK / Groth16
- EF is running the largest FV effort today, uses LEAN and targets PLONK, rust



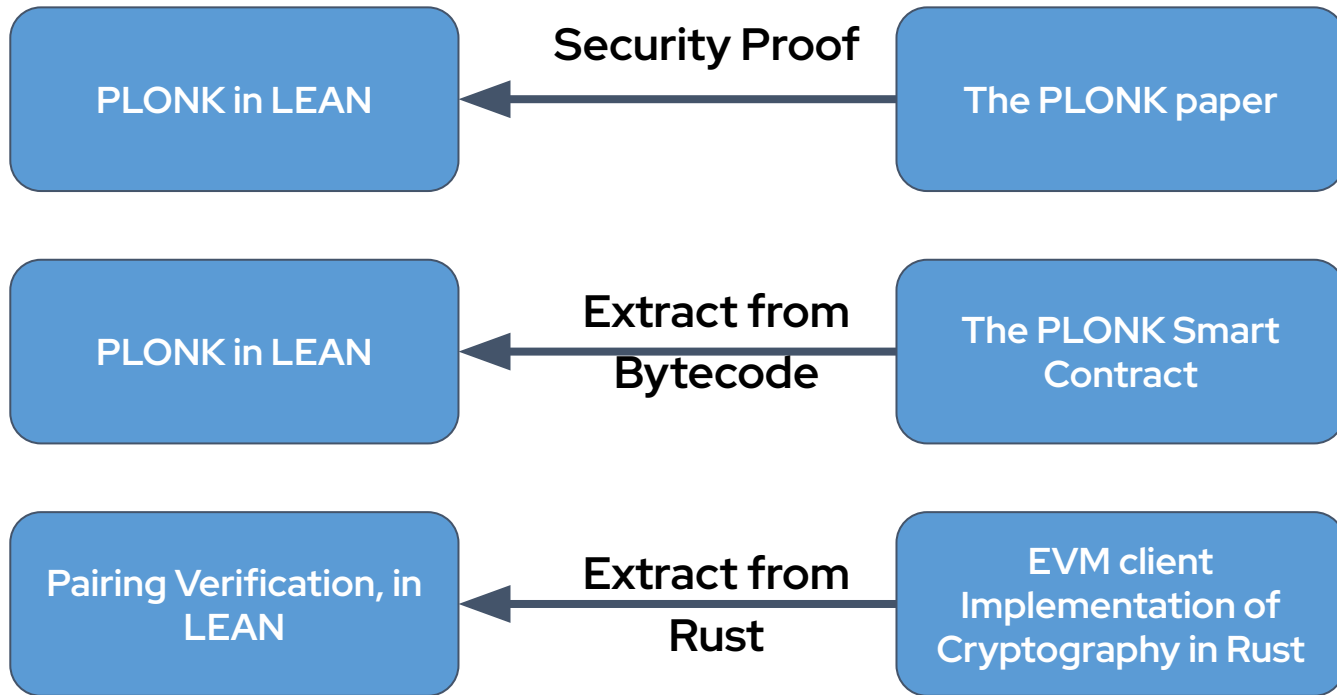
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LEAN

With a backbone in Lean from the PLONK paper, we want to show implementation are correct

End-to-End



Standardizing the Verified Verifier

- Obtain the blessing of the Steering Committee, Standards Committee
- Create the playbook for a secure verifier
- Ready for other schemes

