

Weekly Report: Feb. 15 – Mar. 07

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Weekly Report

- ▶ Vivado and Vivado HLS installed
- ▶ Detailed meetings with Giulio
 - ▶ Overall aim of the project
 - ▶ The `mvau.hpp` HLS library
 - ▶ Flow for simulation and synthesis of the HLS library
- ▶ Initiation of the project
- ▶ GitHub repository
- ▶ A number of design files implemented
 - ▶ Three variants of SIMD
 - ▶ Processing element instantiating SIMD and adder tree
 - ▶ Matrix vector multiplication unit