## AdaCore Tools Overview

## Integrated Debugger Development Environment **Platforms** ECSS qualified Ada Run-time C/C++ Rust run-time **Native** Baremetal Linux RT Operating system Windows **GNAT PRO** Compiler Source code **GNAT Bus** Leon 2/3/4 **Emulation** Ada **Device emulation** GNATemulator ARM RISC-V C++ x86 **Target** Rust Real HW Traceability studies Object to source code traceability analysis Static Analysis Dynamic Analysis GNAT DAS **GNAT SAS GNAT Stack** Static stack - Coding standard checking Unit testing consumption - Metrics Code coverage analysis Bug Finding Fuzzing - Advanced static analysis

## Acacore

## Simulation environment

- Data input output
- Test bench
- Graphical visualization
- Multiple simulation environments

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