

Compliance group

Oct 2018 week1 Minutes

Oct 2018 week3 Agenda

Oct 17 preliminary agenda

- RFQ discussion - we should have a non-public draft to examine
- If time permits:
 - Compliance at the Risc-V summit-
 - Nikhil (Bluespec/Formal) and Stuart (Microsemi) will discuss plans
 - Update on compliance suite – Simon (Imperas)
 - Discussion of what coverage means – Simon (Imperas)
- Need to set goals and schedule
 - get suites running on the formal groups selected model
 - get framework(s) to run suites on the formal groups selected model
 - Do we support a single framework, or more than one?

Oct 3 Minutes: Codasip Compliance framework

- Developed Milan Skala & Radek Hajek
- Written in Python 3,
- Simple UI with html repots
- Model is a plugin to the framework w/3 parts
 - Config, compiler wrapper, environment
 - ?properties : for supported csrs, which warl bits?
 - There is a plugin generator
 - Automatically skips non-relevant tests
 - Can farm out tests to multiple workers
- Test directories have a file that filters tests based on model parameters and file names (as well as any other configuration)
- Models can have arguments passed to them;
- Will put it up on compliance github (ask Jeremy)
- Not using pre-compiled signature files, runtime generated
 - Need to patch RTL to output signatures