

Appendix

- The verification code can be downloaded from <https://github.com/paraVerifier/paraVerifier.git>.
 - The verification ML code is `flash_data_cub.ml` in the directory `examples`. You can use the command “`corebuild flash_data_cub.byte`” to build the `flash_data_cub.byte`.
 - The Murphi oracle is `n_flash_data_cub.m`. Notice that its
 - The SMV oracle is `flash_nodata.smv`.
 - The command to run `flash_data_cub.byte` in our verification environment: `flash_data_cub.byte -vh 192.168.1.30 -mh 192.168.1.37`. The computations of `paraVerifier`, smv oracles, and Murphi oracles are distributed in different servers.
 - The generated proof scripts is in the directory `proof_scripts\flash_data`.
- The set of all concrete invariants, which are generated by `invFinder`, is downloaded from .
- The set of all concrete causal relations is downloaded from .