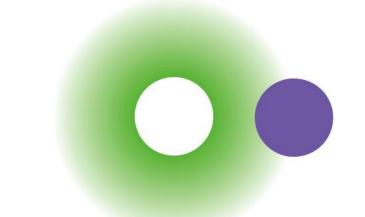
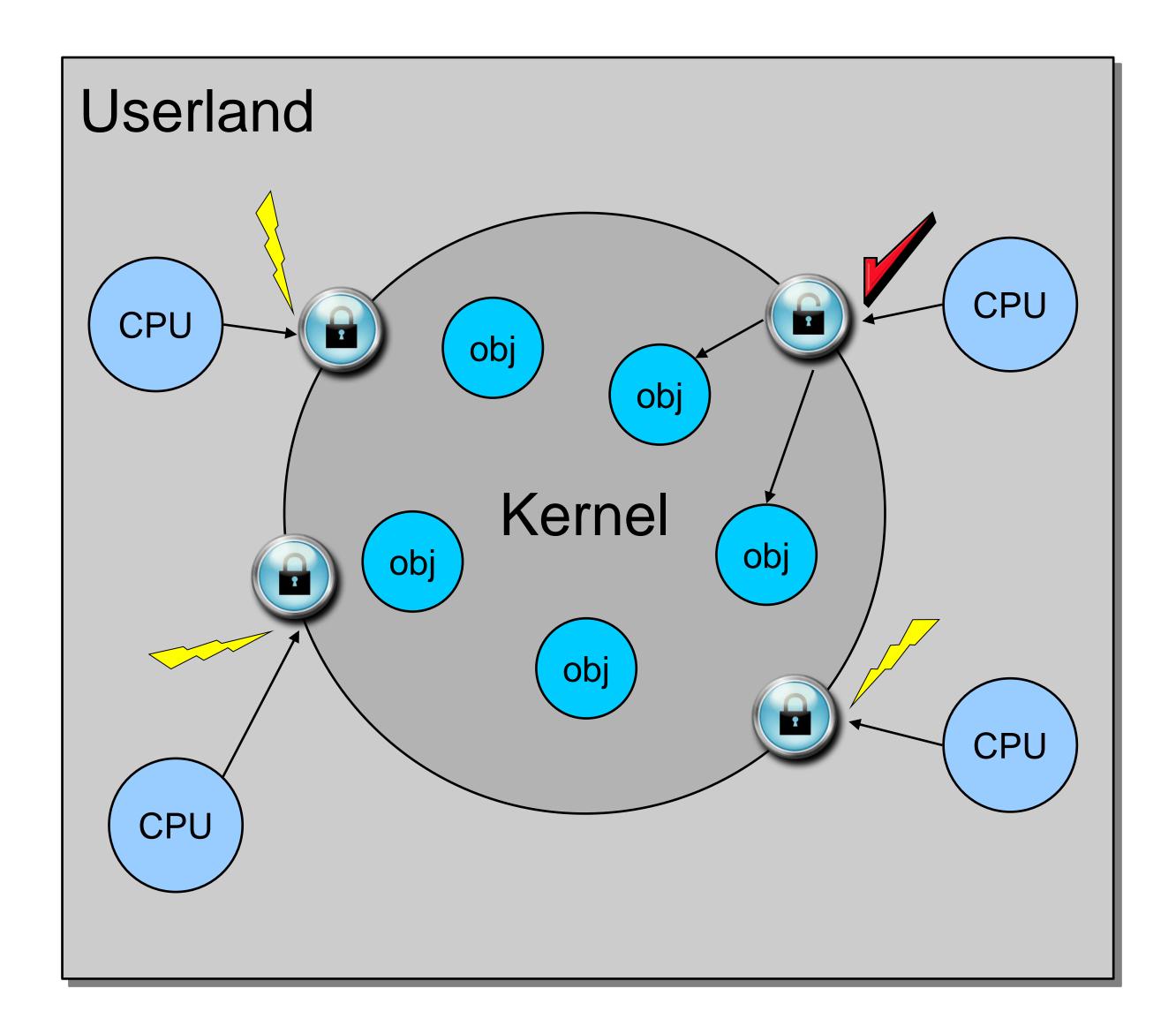
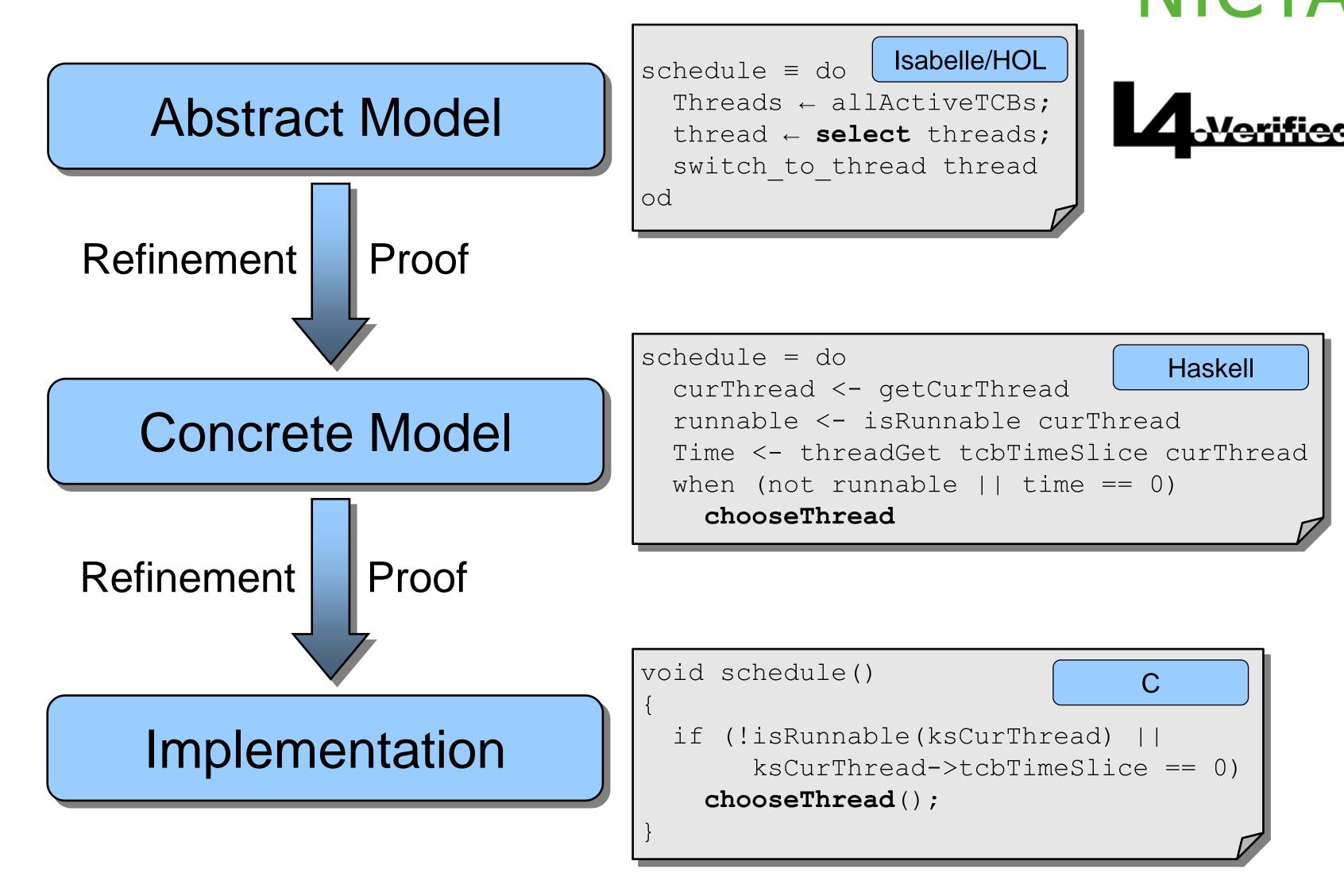
## Towards a Formally Verifiable Multiprocessor Microkernel

Michael von Tessin (NICTA and UNSW)

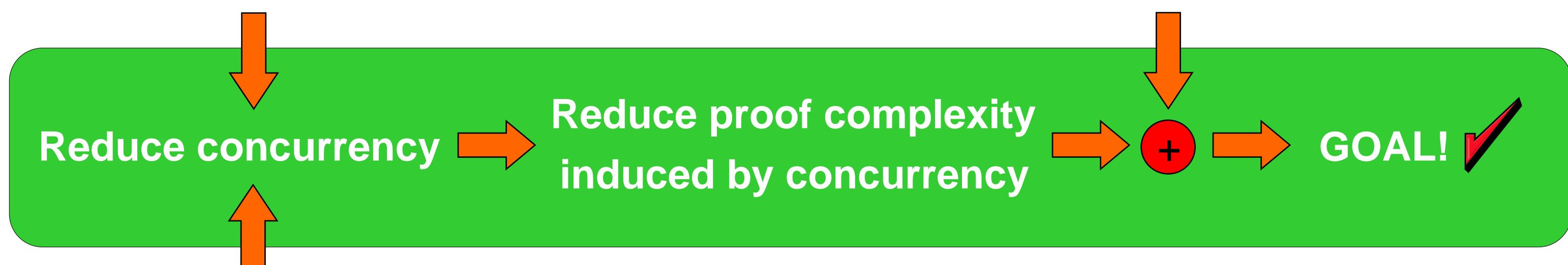




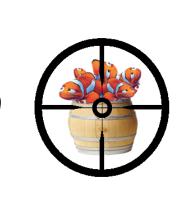


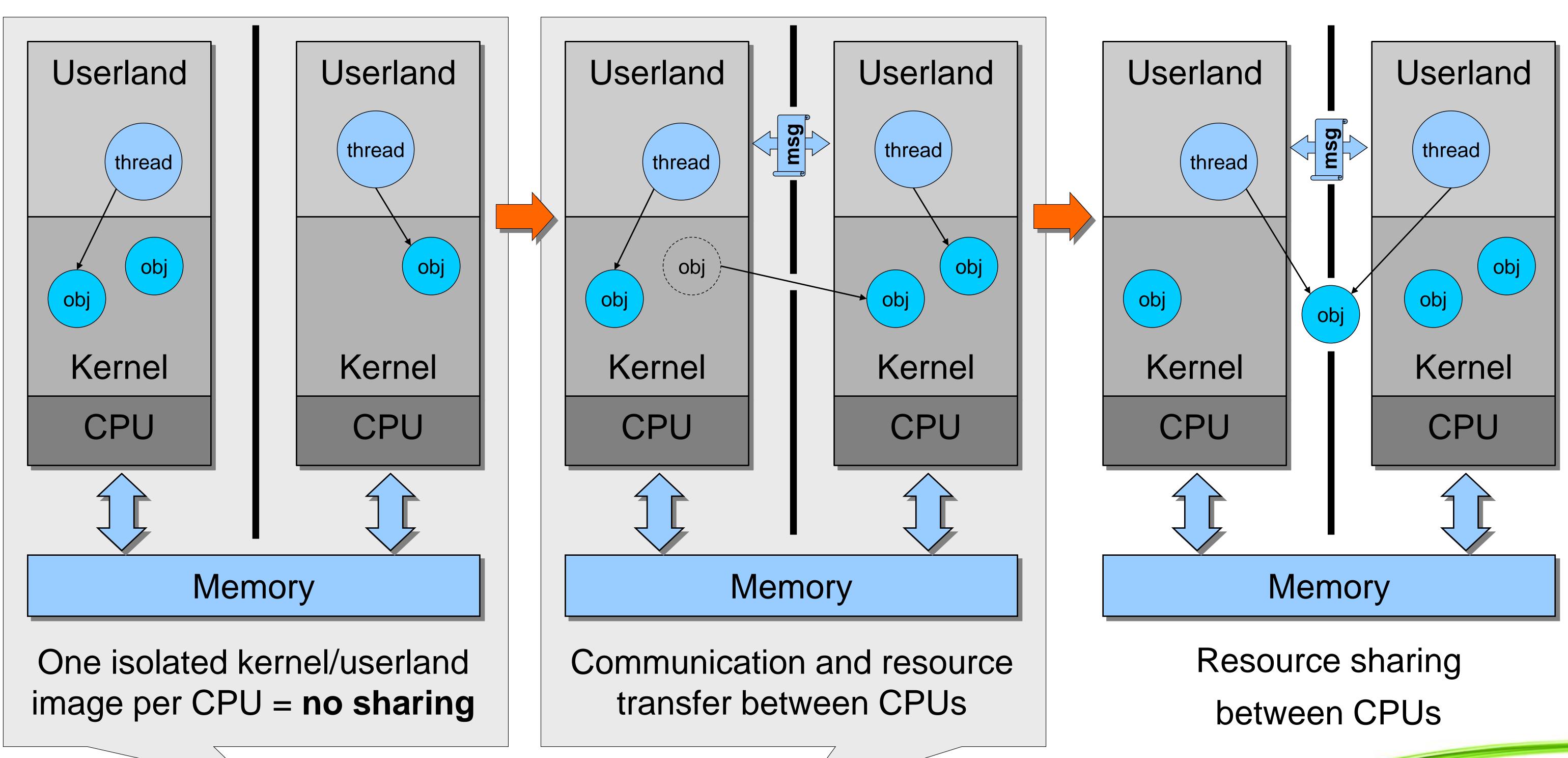


Formal verification approach of the uniprocessor version



Reduce sharing with a multikernel approach like in Corey or Barrelfish (\*\*\*)





Progress: implemented in C and semi-formally proved

low-level design