

Installing and Using the LinuxKernel Memory Model (LKMM)

LKMM Installation

- Install from distro: <https://ocaml.org/install>
- Install herd7 <https://github.com/herd/herdtools7>
- Follow instructions in [INSTALL.md](#)
 - May need opam <https://opam.ocaml.org/doc/Install.html>
 - Get prerequisites: opam install dune menhir
- Find Linux-kernel source tree:
 - `git://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git`
- (Optional) Install [litmus tests from Paul's repo](<https://github.com/paulmckrcu/litmus>):
- Alternatively, Linux-kernel tools/memory-model/litmus-tests

Run LKMM

- ``cd $LINUX_SRC/tools/memory-model``
- ``herd7 -conf linux-kernel.cfg <path>``
 - Where ``<path>`` is litmus-test pathname