NAME
   sched_ule - ULE scheduler

SYNOPSIS
   options SCHED_ULE

DESCRIPTION
   The **sched_ule** scheduler provides a number of advanced scheduler features not present in
   sched_4bsd(4), the traditional system scheduler. These features address SMP and interactivity and
   include:

   - Thread CPU affinity.
   - CPU topology awareness, including for hyper-threading.
   - Per-CPU run queues.
   - Interactivity heuristics that detect interactive applications and schedules them preferentially
     under high load.

   The following sysctls are relevant to the operation of **sched_ule**:

   kern.sched.name
           This read-only sysctl reports the name of the active scheduler.

   kern.sched.quantum
           This read-write sysctl reports or sets the length of the quantum (in micro-seconds) granted to a
           thread.

SEE ALSO
   sched_4bsd(4), sysctl(8)

HISTORY
   The **sched_ule** scheduler first appeared in FreeBSD 5.1.

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