The big softirq lock
Per vector masking

- [PATCH 00/37] softirq: Per vector masking v3 (feb 2019)

- Disable specific vectors only
  Ex:
  ```c
  local_bh_disable(NET_RX_SOFTIRQ | TIMER_SOFTIRQ)
  local_bh_enable(NET_RX_SOFTIRQ | TIMER_SOFTIRQ)
  ```

- Also spinlocks/rwlocks, etc…
  Ex:
  ```c
  spin_lock_bh(NET_RX_SOFTIRQ | TIMER_SOFTIRQ)
  spin_unlock_bh(NET_RX_SOFTIRQ | TIMER_SOFTIRQ)
  ```
Per vector unmasking

- Re-enable softirqs while servicing from callback and then push up to the callers

- `__do_softirq()` // disable all softirqs
  
  run_timer_softirq()
  
  some_timer_callback()
  
  local_bh_enable(NET_RX_SOFTIRQ | ....)
  
  // do work
  
  local_bh_disable(NET_RX_SOFTIRQ | ....)