

Linux Scheduler

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graph TD; LS[Linux Scheduler] --> BC[big cluster]; LS --> LC[LITTLE cluster]; subgraph BC [big cluster]; BC_C1[Cortex-A15]; BC_C2[Cortex-A15]; BC_C3[Cortex-A15]; BC_C4[Cortex-A15]; end; subgraph LC [LITTLE cluster]; LC_C1[Cortex-A7]; LC_C2[Cortex-A7]; LC_C3[Cortex-A7]; LC_C4[Cortex-A7]; end;
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The diagram illustrates the Linux Scheduler's role in mapping processes to different hardware clusters. At the top, an orange box labeled 'Linux Scheduler' has two downward-pointing arrows. The left arrow points to a light blue box labeled 'big cluster', which contains four orange boxes, each labeled 'Cortex-A15'. The right arrow points to another light blue box labeled 'LITTLE cluster', which contains four tan boxes, each labeled 'Cortex-A7'.

big cluster

Cortex-A15

Cortex-A15

Cortex-A15

Cortex-A15

LITTLE cluster

Cortex-A7

Cortex-A7

Cortex-A7

Cortex-A7