

Linux Plumbers Conference 2025



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News from PREEMPT_RT

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PREEMPT_RT was merged but the tree is still around. To further improve PREEMPT_RT in certain scenarios, the local bottom halves were introduced allowing to remove locking elsewhere. Another improvement went into the futex code to allow process private hash. This change allowed another change to improve the hash handling across NUMA nodes.

This talk presents the changes, why they were needed and why the patch queue/ devel-tree is still around.

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