



OS\_SEC\_L0\_TEXT void OsHwiDispatch( U32 excType, struct ExcRegInfo \*excRegs) //src/arch/cpu/armv8/common/hwi/prt\_hwi.c

{

// 中断确认，相当于OsHwiNumGet()

U32 value = OsGicIntAcknowledge();

U32 irq\_num = value & 0x1ff;

U32 core\_num = value & 0xe00;

OsHwiHandleActive(irq\_num);

// 清除中断，相当于 OsHwiClear(hwiNum);

OsGicIntClear(irq\_num|core\_num);

uintptr\_t intSave = OsIntLock();

struct TagTskCb \*taskCb = RUNNING\_TASK;

// 降低当前任务优先级（若优先级低于最低允许值）

if (taskCb != NULL) {

if (taskCb->priority <= OS\_TSK\_PRIORITY\_LOWEST) {

taskCb->priority += 1;

OsTskSchedule(); // 触发任务调度

}

}

OsIntRestore(intSave); // 恢复中断状态

}

