◆ IHK-master as Linux driver

(1) Reserves physical memory for a trampoline code for LWK running on the first core when booting Linux
(2) Reserves physical memory for temporal page table for LWK running on the first core
(3) Reserves physical memory for the LWK and loads the ELF image on the memory area
(4) Sets up the page table and fills the page table information in the trampoline header
(5) Issues IPI to the first core

◆ Trampoline code for the first LWK core

(6) Switches to 64-bit mode
(7) Starts the virtual addressing mode
(8) Copies the trampoline code in the ELF image to the area whose address is passed by the IHK-master
(9) forall other cores {
    1) Fills the page table information in the trampoline header
    2) Issues IPI to the core
    3) Waits for starting the core
}
(10) Jumps to the LWK main routine

◆ Trampoline code for the remaining LWK cores

(11) Switches to 64-bit mode
(12) Starts the virtual addressing mode
(13) Notifies the first core
(14) Jumps to the LWK main routine