Hardware Interrupts

I/O boards

User Space

Linux Task
Non RT

API calls

Secondary Mode

Linux Kernel

Delayed Hardware Interrupts

I/O

Adeos/I-Pipe

Kernel Space

Xenomai Nucleus

RT-Pipes

Xenomai RT-Task

Primary Mode

Xenomai RT-Task

Linux Task
Non RT

RT-Pipes

Primary Mode

Xenomai RT-Task

Xenomai API calls

Hardware Interrupts

Hardware Interrupts

I/O