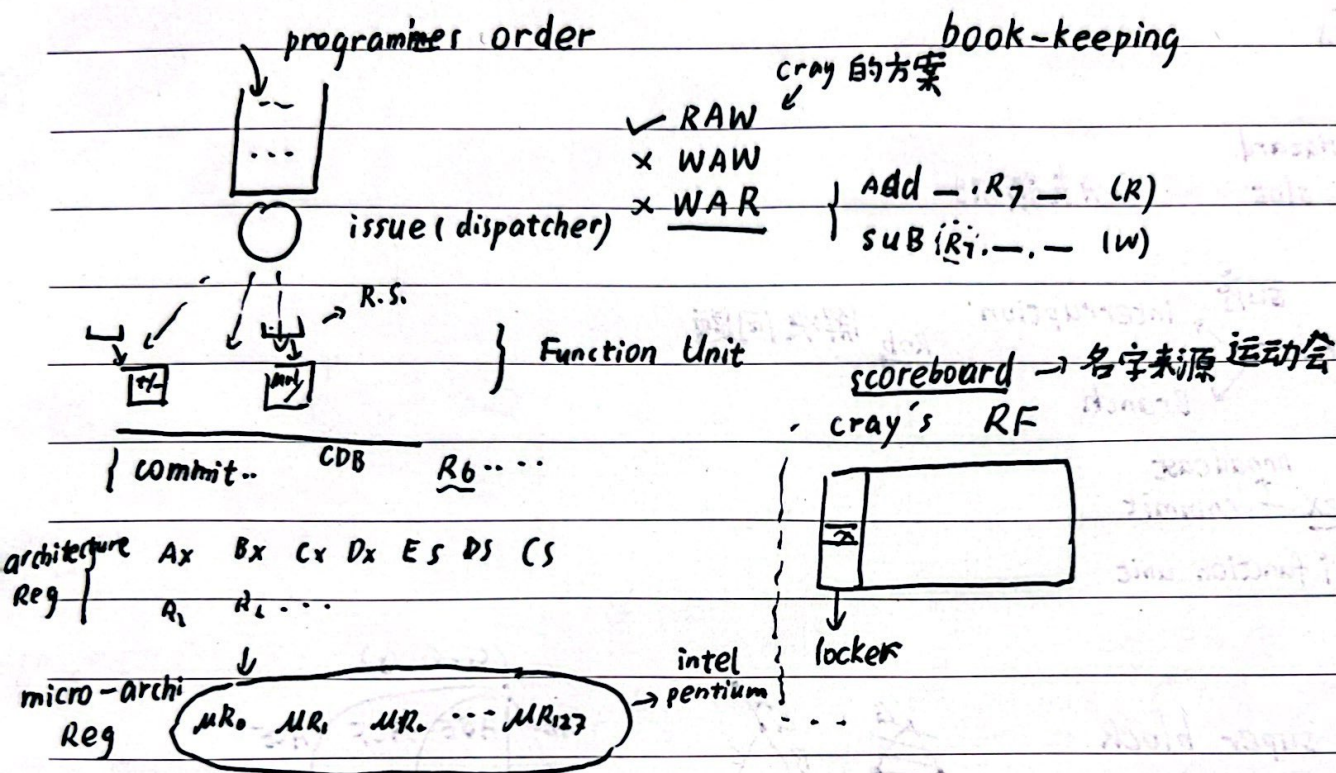


# Tomasulo Organization

- Hazard (Data RAW - & true → distance  
 WAW > pseu → renaming  
 WAR } 编译器  
 换名

History CDC 6600 - by Cray



Tomasulo's solution 把 R6 换成某条指令 locker → owner

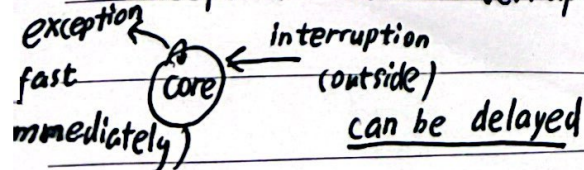
cray 拒绝 ugly 的解决方案

reorder

## Some Questions

Q1 跳转指令 Branch } ROB (HW support of precise interrupts)  
 Q2 Interruption

## Exception vs. Interruption



Fair child