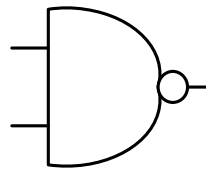


# Aula 0

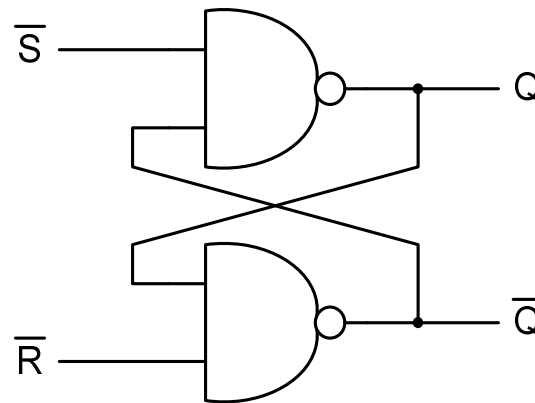
No princípio, era o verbo...



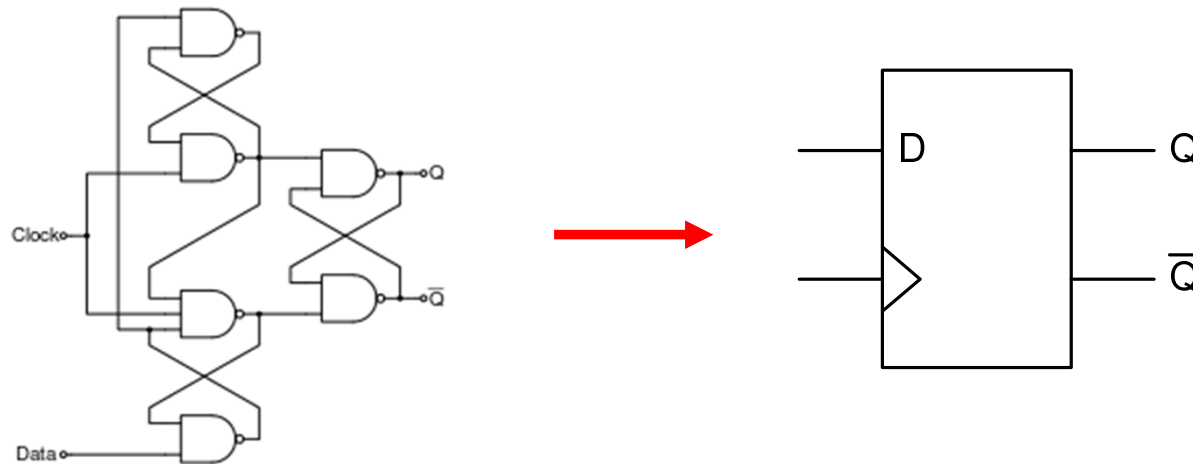
José Luís Azevedo, Bernardo Cunha, Tomás Oliveira e Silva

# Era uma vez...

- E do verbo se fez...

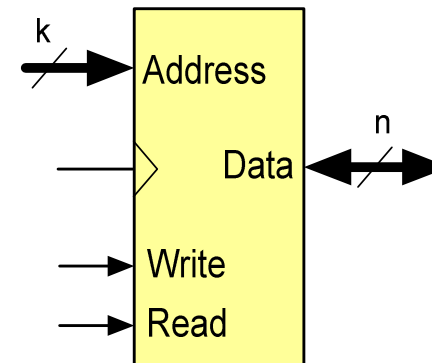
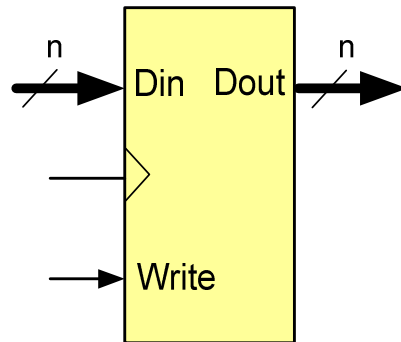


- E do Latch SR surgiu...

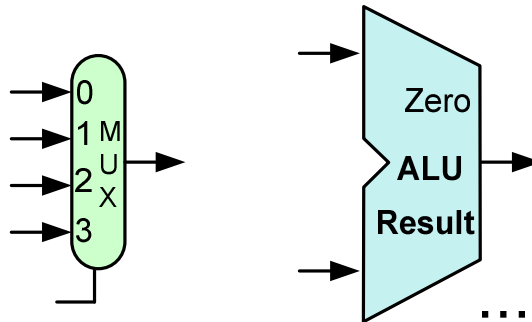


# Era uma vez...

- E do FF tipo D construíram-se:

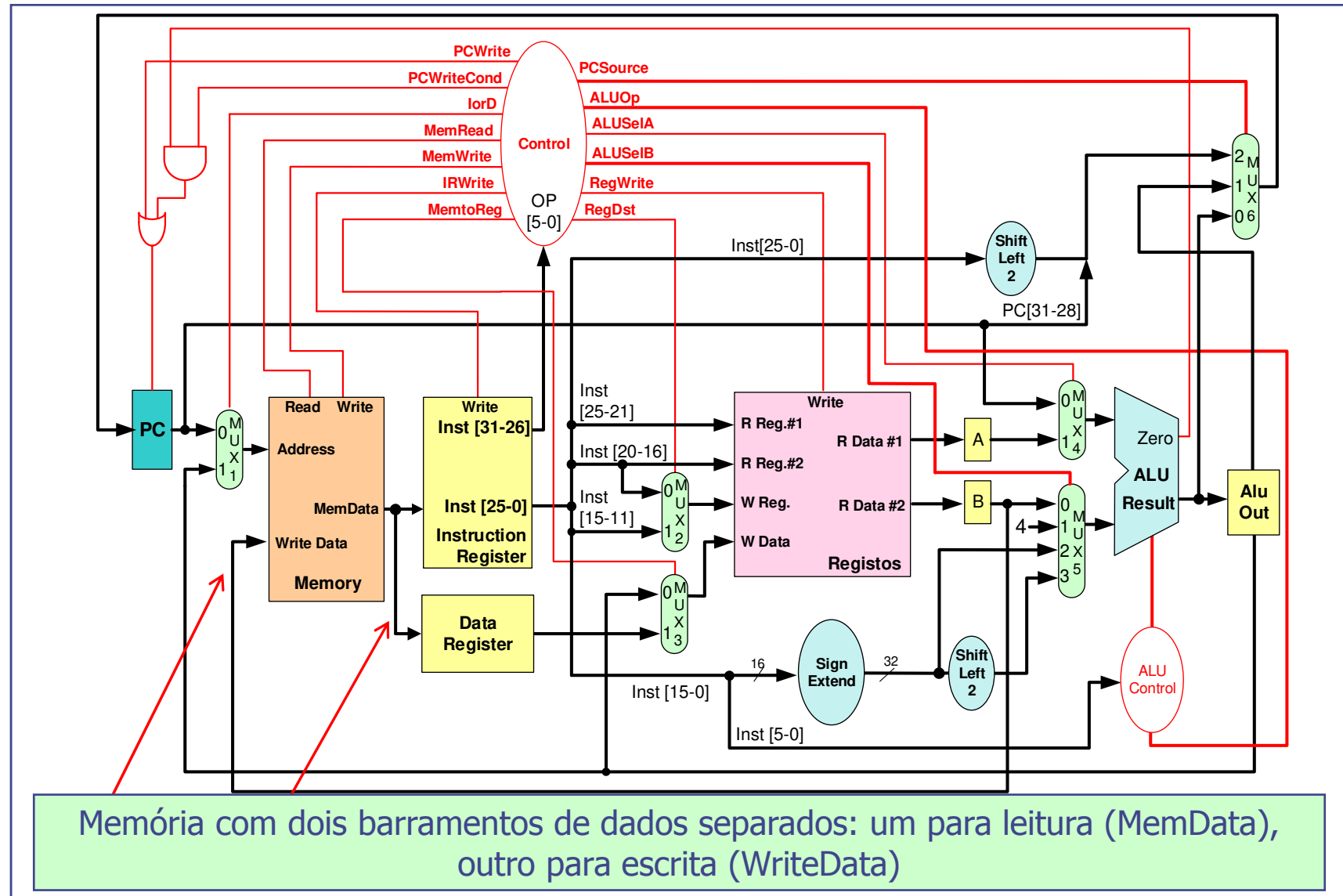


- E do verbo também nasceram:

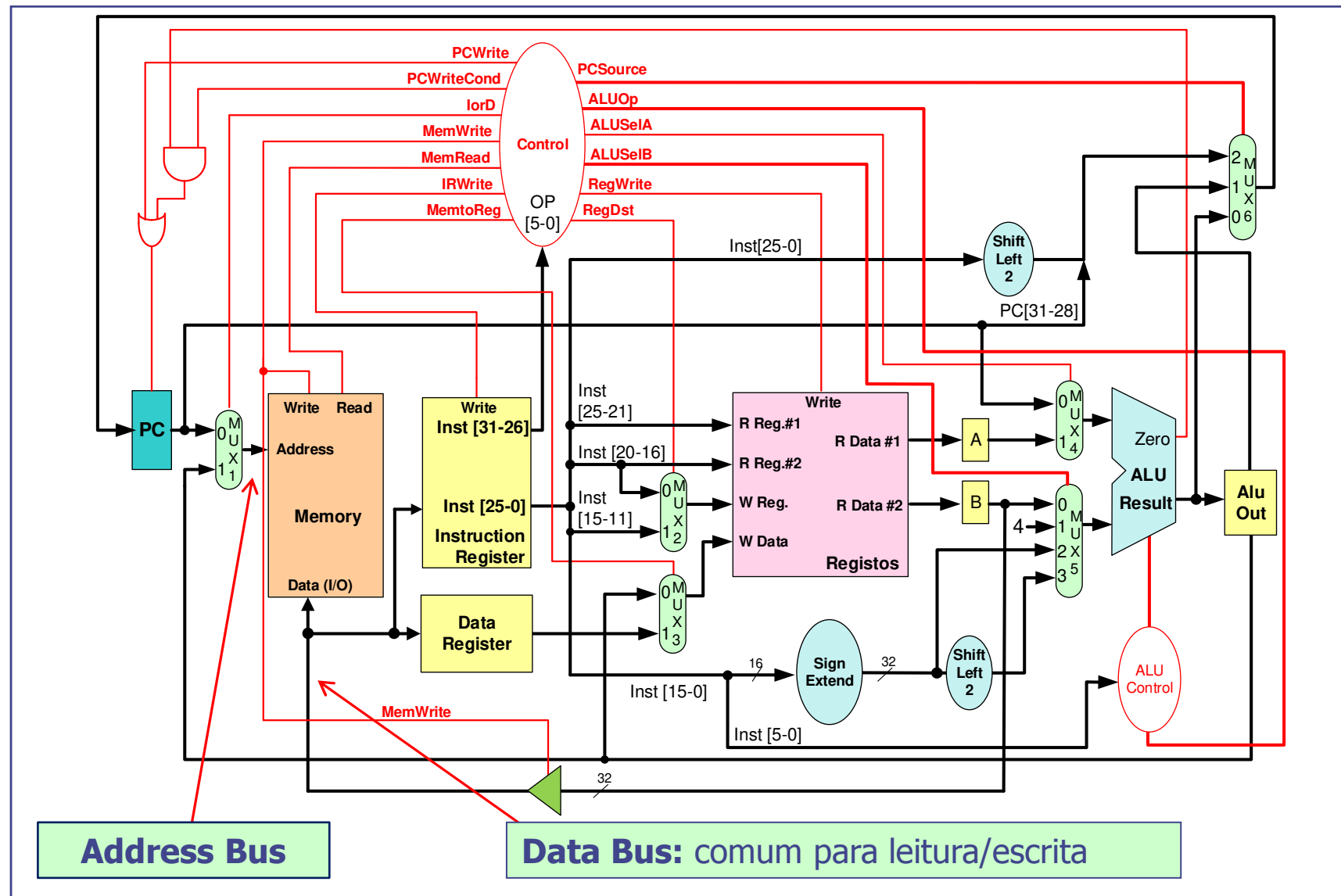


- E de tudo isto resultou...

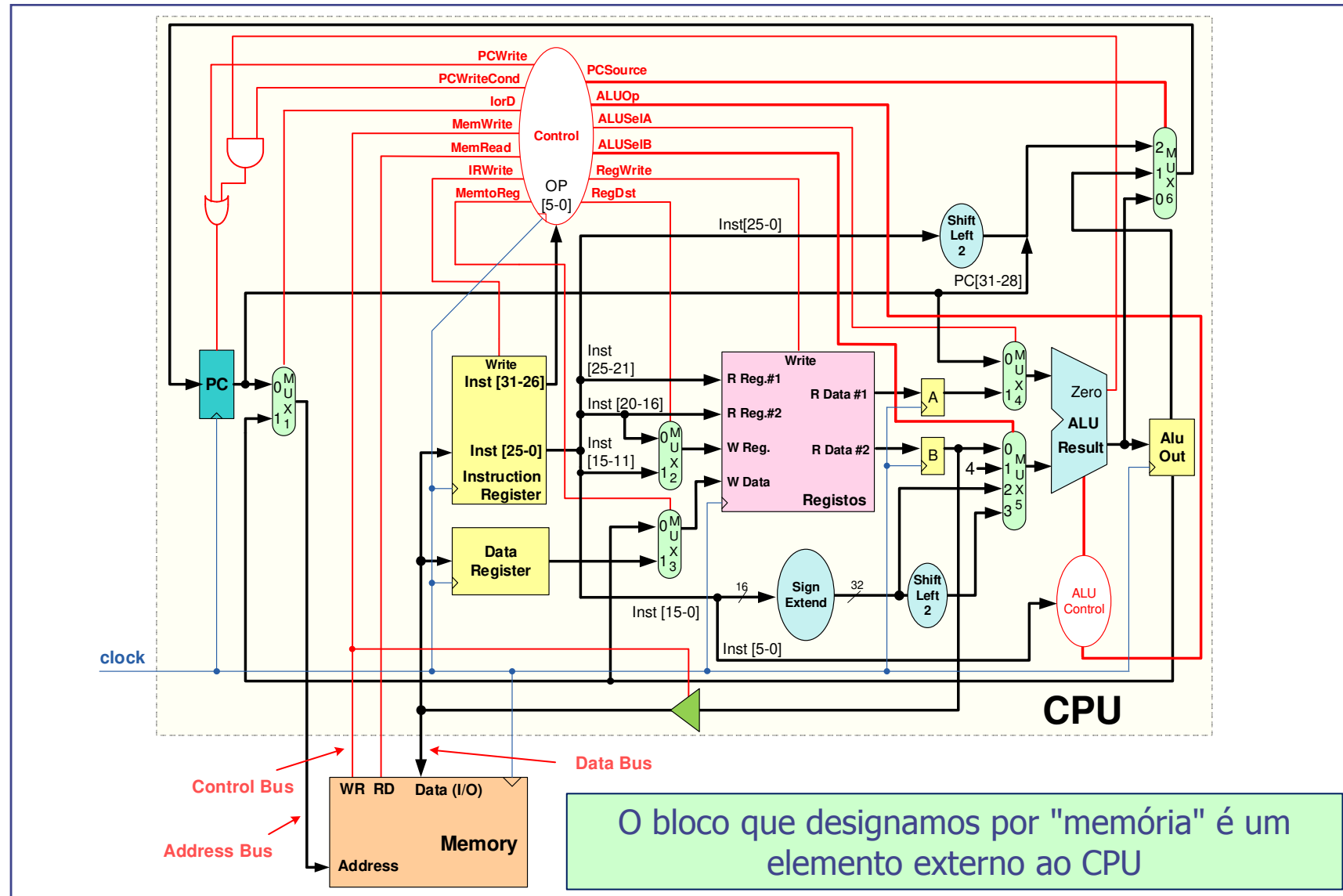
# Versão *multi-cycle* simplificada de uma arquitetura MIPS



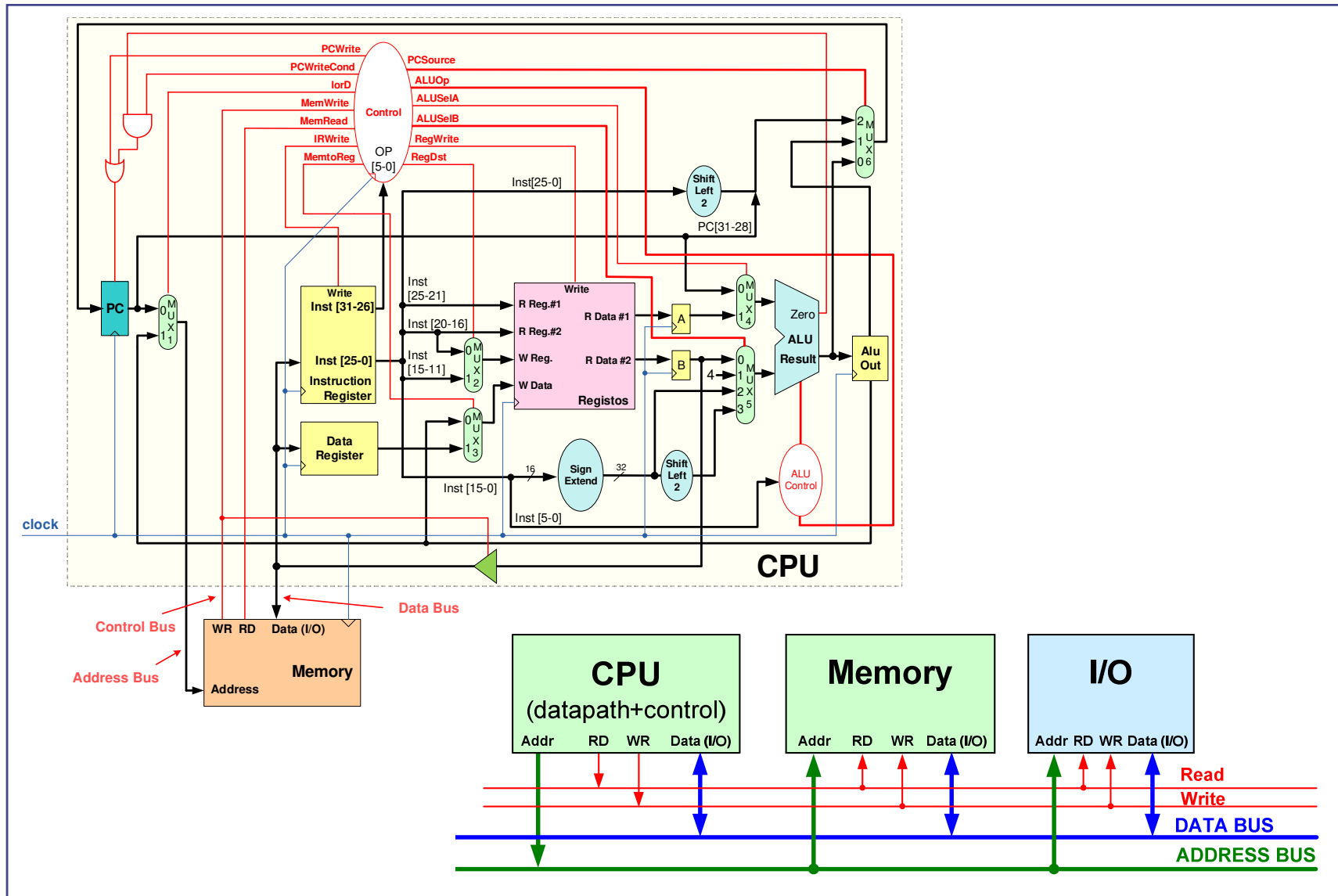
# Versão *multi-cycle* simplificada de uma arquitetura MIPS



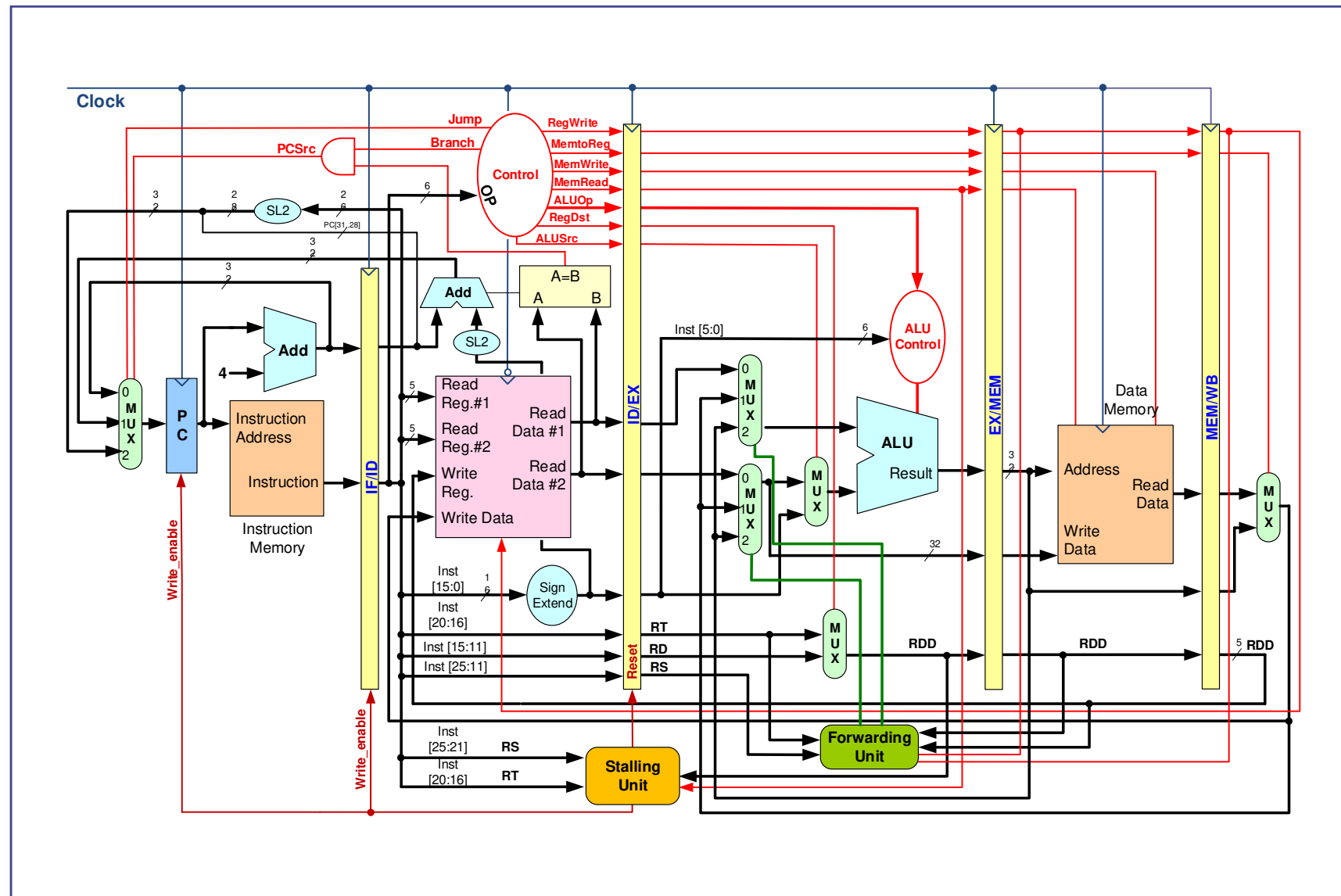
# Versão *multi-cycle* simplificada de uma arquitetura MIPS



# Arquitetura de *von-Neumann*

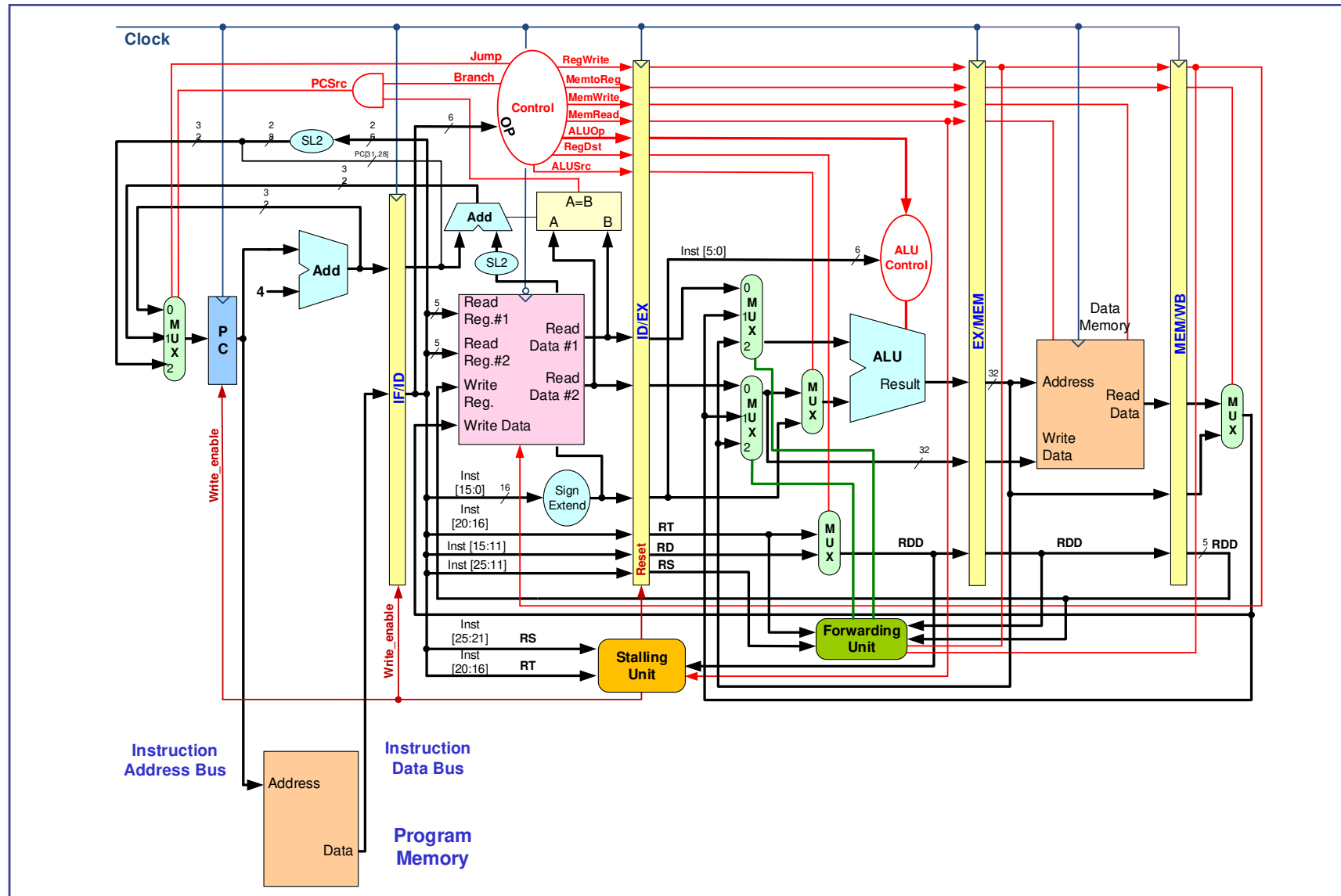


# Versão simplificada de uma arquitetura MIPS *pipelined*

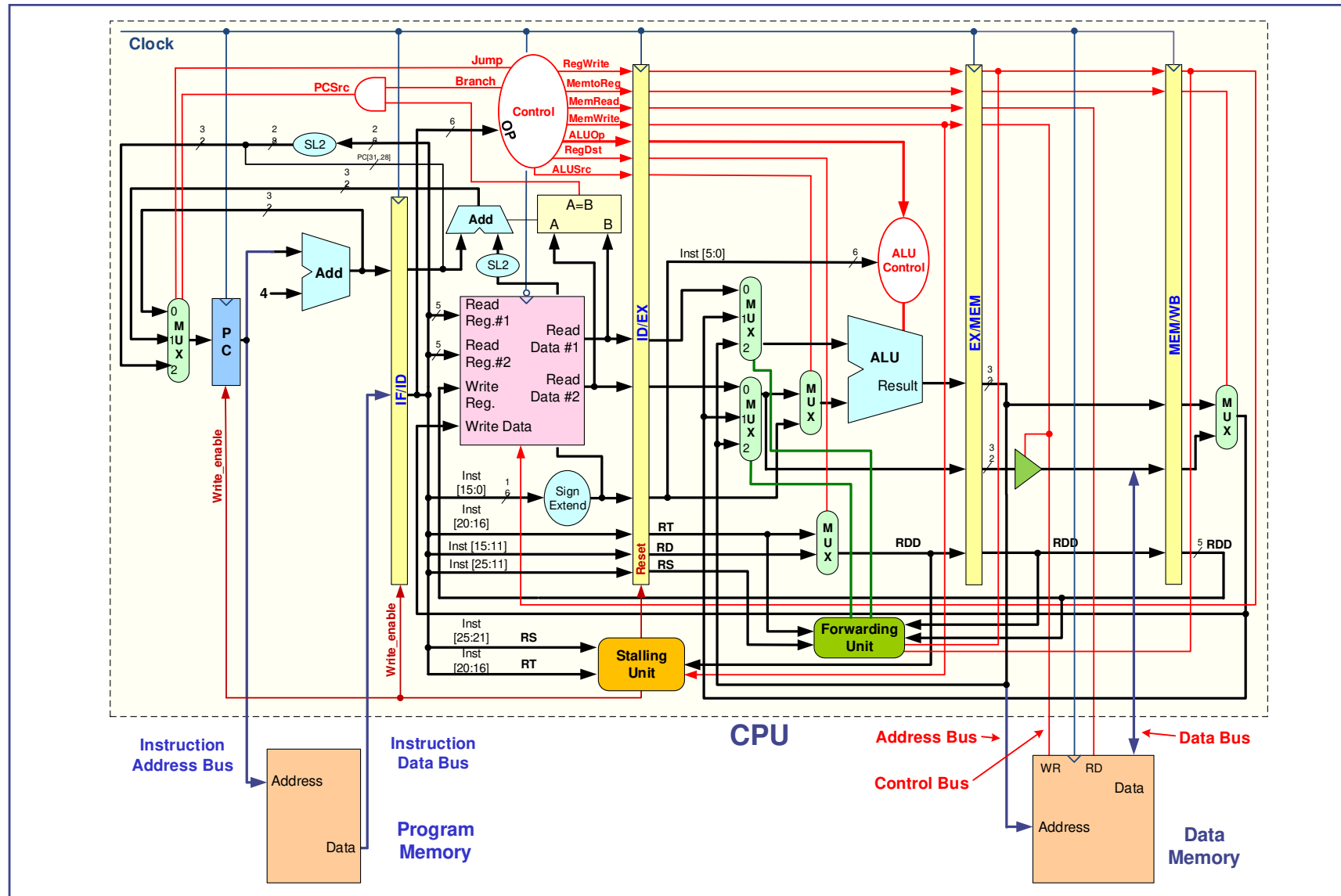




# Versão simplificada de uma arquitetura MIPS *pipelined*



# Versão simplificada de uma arquitetura MIPS *pipelined*



# Arquitetura de Harvard

