

**Instructions and
Machine State**

- Selfie uses special procedures (_before() & _after()) that show on which part of the machine state they depend, which part they modify and the modification itself.
- This information is enough to determine the machine state at any point of execution (completely deterministic).
- The only way to inject information from outside that is not known beforehand is through the read call.

rs1

| -

rd

->

rd

read only
dependency in
control flow

will be
modified

new value after
modification

Instructions and Formats

RISC-U

lui	beq
addi	jal
add	jalr
sub	ld
multu	sd
divu	sltu
remu	ecall

special case of **addi**

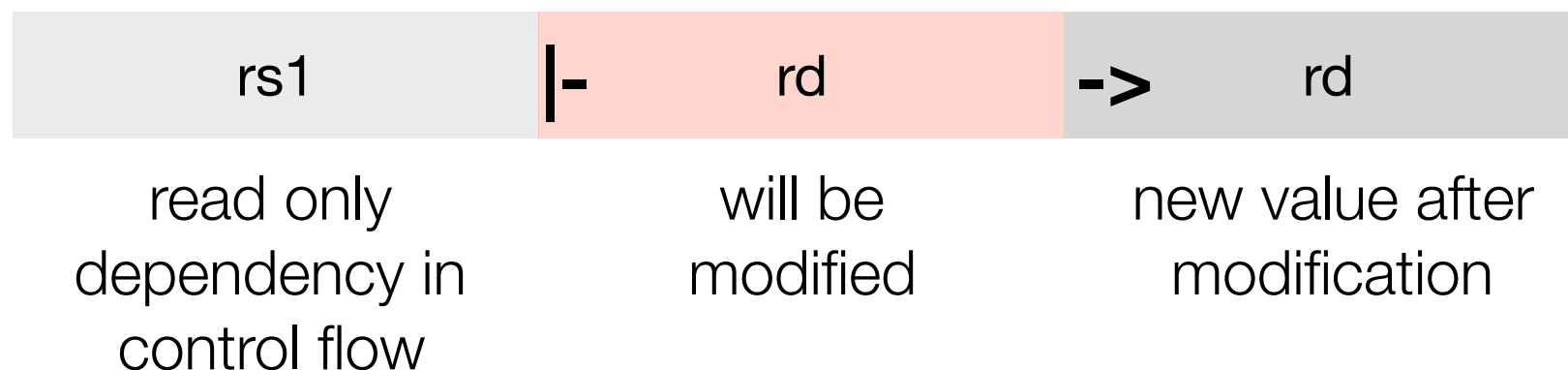
nop

Formats

<u>R-format</u>
<u>I-format</u>
<u>S-format</u>
<u>B-format</u>
<u>J-format</u>
<u>U-format</u>

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