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Simulation Log - Q U E S T I O N S

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/\* +define+overlap

run -all

KERNEL: 10 clk=1 cstart=0 req=0 gnt=0

KERNEL: 30 clk=1 cstart=1 req=0 gnt=0

KERNEL: 30 test\_overlap\_nonoverlap FAIL

Q: WHY DOES THE PROPERTY FAIL at 30?

KERNEL: 50 clk=1 cstart=1 req=1 gnt=0

KERNEL: 70 clk=1 cstart=0 req=0 gnt=0

KERNEL: 90 clk=1 cstart=0 req=0 gnt=1

KERNEL: 90 test\_overlap\_nonoverlap PASS

Q: WHY DOES THE PROPERTY PASS at 90?

KERNEL: 110 clk=1 cstart=1 req=1 gnt=0

KERNEL: 130 clk=1 cstart=1 req=1 gnt=0

KERNEL: 150 clk=1 cstart=1 req=1 gnt=1

KERNEL: 150 test\_overlap\_nonoverlap PASS

Q: WHY DOES THE PROPERTY PASS at 150?

KERNEL: 170 clk=1 cstart=0 req=1 gnt=0

KERNEL: 170 test\_overlap\_nonoverlap FAIL

Q: WHY DOES THE PROPERTY FAIL at 170?

KERNEL: 190 clk=1 cstart=0 req=0 gnt=0

KERNEL: 190 test\_overlap\_nonoverlap FAIL

Q: WHY DOES THE PROPERTY FAIL at 190?

KERNEL: 210 clk=1 cstart=0 req=0 gnt=1

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/\* +define+nonoverlap

run -all

KERNEL: 10 clk=1 cstart=0 req=0 gnt=0

KERNEL: 30 clk=1 cstart=1 req=0 gnt=0

KERNEL: 50 clk=1 cstart=1 req=1 gnt=0

KERNEL: 70 clk=1 cstart=0 req=0 gnt=0

KERNEL: 70 test\_overlap\_nonoverlap FAIL

Q: WHY DOES THE PROPERTY FAIL at 70?

KERNEL: 90 clk=1 cstart=0 req=0 gnt=1

KERNEL: 90 test\_overlap\_nonoverlap PASS

Q: WHY DOES THE PROPERTY PASS at 90?

KERNEL: 110 clk=1 cstart=1 req=1 gnt=0

KERNEL: 130 clk=1 cstart=1 req=1 gnt=0

KERNEL: 150 clk=1 cstart=1 req=1 gnt=1

KERNEL: 170 clk=1 cstart=0 req=1 gnt=0

KERNEL: 170 test\_overlap\_nonoverlap FAIL

Q: WHY DOES THE PROPERTY FAIL at 170?

KERNEL: 190 clk=1 cstart=0 req=0 gnt=0

KERNEL: 190 test\_overlap\_nonoverlap FAIL

Q: WHY DOES THE PROPERTY FAIL at 190?

KERNEL: 210 clk=1 cstart=0 req=0 gnt=1

KERNEL: 210 test\_overlap\_nonoverlap PASS

Q: WHY DOES THE PROPERTY PASS at 210?

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