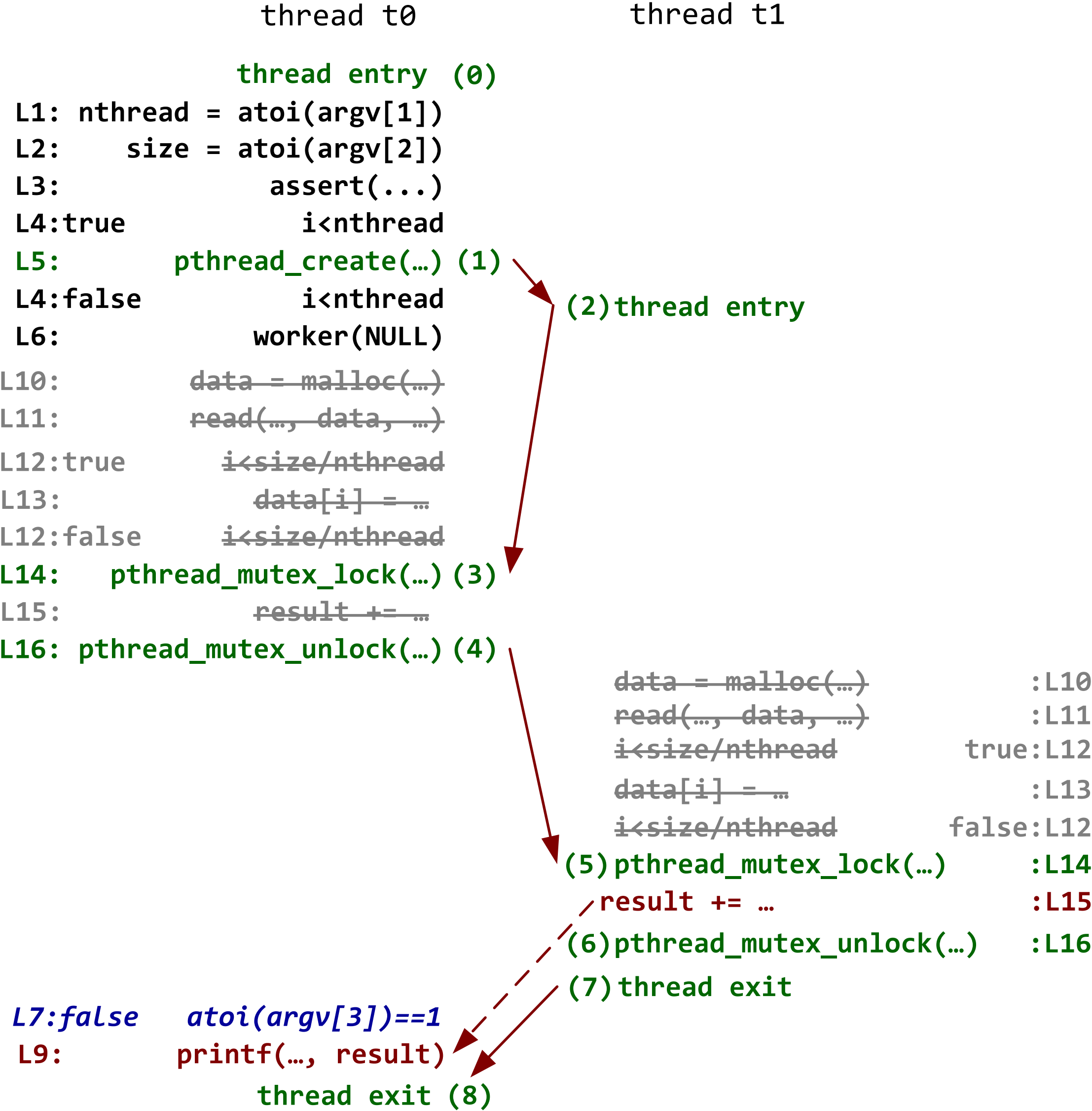

thread t0

thread t1

thread entry (0)

L1: nthread = atoi(argv[1])

L2: size = atoi(argv[2])

L3: assert(...)

L4:true i<nthread

L5: pthread_create(…) (1)

L4:false i<nthread

L6: worker(NULL)

L10: ~~data = malloc(…)~~

L11: ~~read(…, data, …)~~

L12:true ~~i<size/nthread~~

L13: ~~data[i] = …~~

L12:false ~~i<size/nthread~~

L14: pthread_mutex_lock(…) (3)

L15: ~~result += …~~

L16: pthread_mutex_unlock(…) (4)

L7:false atoi(argv[3])==1

L9: printf(…, result)

thread exit (8)

(2) thread entry

~~data = malloc(…)~~ :L10

~~read(…, data, …)~~ :L11

~~i<size/nthread~~ true:L12

~~data[i] = …~~ :L13

~~i<size/nthread~~ false:L12

(5) pthread_mutex_lock(…) :L14

result += … :L15

(6) pthread_mutex_unlock(…) :L16

(7) thread exit