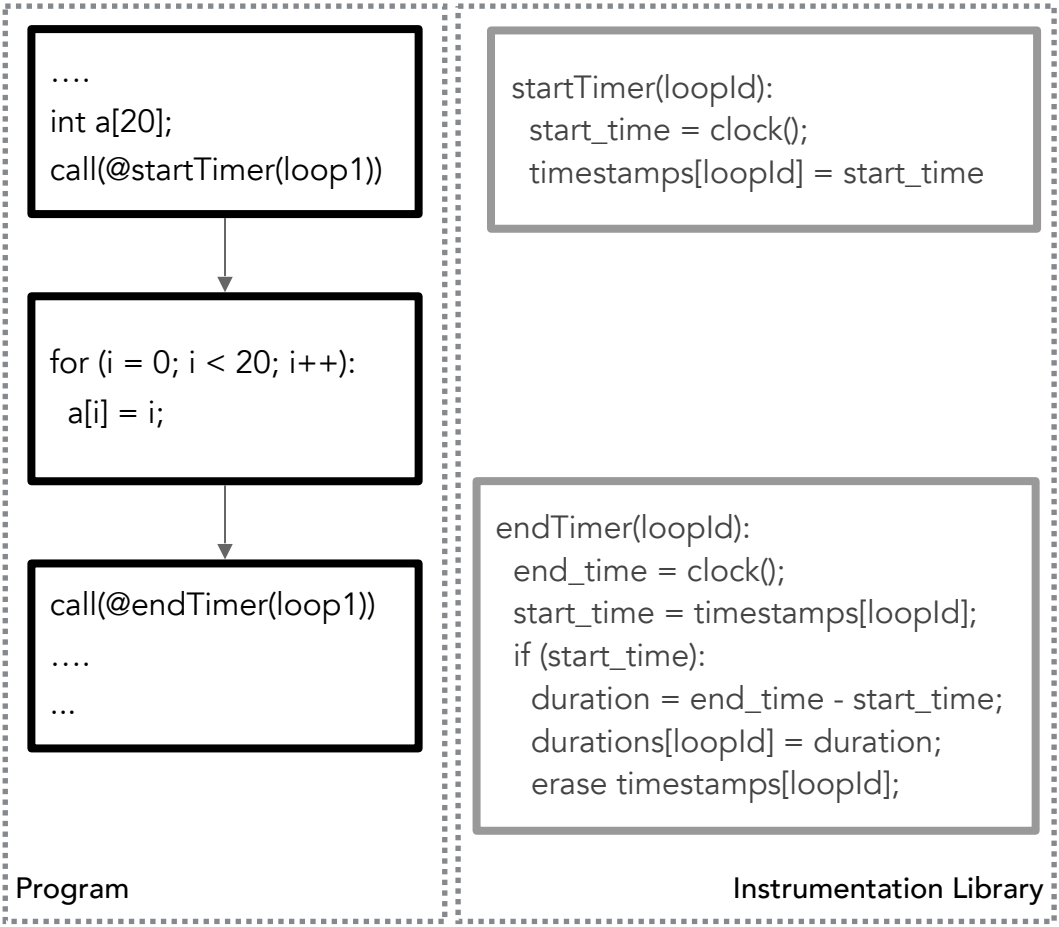
….
int a[20];
call(@startTimer(loop1))
for (i = 0; i < 20; i++):
a[i] = i;
call(@endTimer(loop1))
….
...
Program
startTimer(loopId):
start_time = clock();
timestamps[loopId] = start_time
endTimer(loopId):
end_time = clock();
start_time = timestamps[loopId];
if (start_time):
duration = end_time - start_time;
durations[loopId] = duration;
erase timestamps[loopId];
Instrumentation Library