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def main():

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    workload_path =
'/export/pzirpins/MasterOppgave/clion/CLionProjects/index-microbench-master/workloads/'
    additions = ['10mil/10mil/read_update_rand.dat', '50mil/50mil/read_update_rand.dat',
'100mil/100mil/read_update_rand.dat']

    loads = [10000000, 50000000, 100000000]
    for i in range(3):
        print('Starting with files ' + str(i + 1) + ' ...')
        r_file = open(workload_path + 'seq_read_' + str(loads[i]) + '.dat', 'w+')
        u_file = open(workload_path + 'seq_upd_' + str(loads[i]) + '.dat', 'w+')
        for j in range(loads[i]):
            r_file.write('READ ' + str(j) + '\n')
            u_file.write('UPDATE ' + str(j) + '\n')

        print('Finished with file r+u' + str(i + 1) + ' ...')

        r_file.close()
        u_file.close()
    for i in range(3):
        file = open(workload_path + 'seq_read_update_' + str(loads[i]) + '.dat', 'w+')
        current_file = open(workload_path + additions[i], 'r')

        print('Starting with file r+u' + str(i+1) + ' ...')
        index = 0

        with current_file as open_file_object:
            for line in open_file_object:
                op = line.replace("\n", "").split(' ')[0]

                file.write(op + ' ' + str(index) + '\n')
                index += 1

        file.close()
        current_file.close()

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