

The flame graph illustrates the execution time of various Go runtime functions. The root node is **runtime.memmove** (85s, 32.78%). Other significant nodes include **runtime.mallocgc** (31.70s, 15.31%), **runtime.systemstack** (69.49s, 33.57%), **runtime.gcDrain** (47.78s, 23.08%), and **runtime.scanobject** (46.11s, 22.28%). The graph shows the flow of execution from high-level functions like **runtime.memmove** down to more granular operations like **runtime.spanOf** and **runtime.pageIndexof**. The use of color (red for high-impact, orange for medium, grey for low) and line thickness (thick for high frequency, thin for low) helps in identifying the most critical parts of the runtime. The total execution time shown is 259.70s.