Keys For System Management Metrics (#1: Elements)

Device **Go** SDK	Device **C** SDK

{
   "Memory":{
       "Alloc":1403648,
       "Frees":1504,
       "LiveObjects":18280,
       "Mallocs":19784,
       "Sys":71891192,
       "TotalAlloc":1403648
     }
     "CpuBusyAvg":2.224995150836366,
   }
	{
	  "Memory":
	  {
	    "Alloc":329072,
	    "TotalAlloc":839680
	  },
	  "CpuLoadAvg":3.375,
	  "CpuTime":0.027213000000000001,
	  "CpuAvgUsage":0.0010293528009986004
	}

- Some keys are common, while several are not.

Key	Device **Go** SDK	Device **C** SDK
Alloc	Bytes of allocated heap objects	Amount of heap memory in use, in bytes
TotalAlloc	Cumulative bytes allocated for heap objects	Total heap size, in bytes
CpuBusyAvg	Average overall CPU usage for the last half-minute	N/A
CpuLoadAvg	N/A	Average overall CPU usage for the last minute, as a percentage.
CpuTime	N/A	The amount of CPU time used by this service, in seconds.
CpuAvgUsage	N/A	The amount of CPU time used by this service, as a fraction of elapsed time.

- Generic, type-less structure—the interface—to the rescue!
  - Assemble (aka aggregate) the unique key-value pairs (Device C SDK vs Device Go SDK)
  - Details in the next doc