events API TODO

* **os-stats**: Rename os-stats databot or metrobot
* **novaordis-utilities**: Move OSType into utilities, alongside OS.
* **novaordis-utilities:** Move sshConnection and all SSH stuff in its own project or utilities.
* Test two metrics with the same source.
* Test two metrics with different sources.

OSCommand – review, it’s not a MetricSource anymore.

OSSource.collectMetrics() needs tests.

<https://kb.novaordis.com/index.php/Events-api_Concepts>

**public** PhysicalMemoryFree() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
 addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));  
}

SwapUsed Top("-b -n 1 -p 0")

SwapTotal Top(**"-b -n 1 -p 0"**)

CpuUserTime

addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));

CpuIoWaitTime

addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));

CpuNiceTime

addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));

PhysicalMemoryTotal

addSource(OS.Linux, new Top("-b -n 1 -p 0"));

PhysicalMemoryUsed

addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));

**public** CpuSoftwareInterruptTime() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
}

**public** LoadAverageLastTenMinutes() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
 addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));  
}

**public** CpuIdleTime() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
 addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));  
}

**public** SwapFree() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
}

**public** LoadAverageLastMinute() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
 addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));  
}

**public** LoadAverageLastFiveMinutes() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
 addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));  
}

**public** CpuKernelTime() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
 addSource(OS.***MacOS***, **new** Top(**"-l 1 -n 0"**));  
}

**public** CpuStolenTime() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
}

**public** CpuHardwareInterruptTime() {  
  
 addSource(OS.***Linux***, **new** Top(**"-b -n 1 -p 0"**));  
}

* Uncomment // \*@Test and make all tests pass