<http://www.cnblogs.com/redcreen/archive/2011/05/04/2036387.html>

## 内存

* Init
  + represents the initial amount of memory (in bytes) that
  + \* the Java virtual machine requests from the operating system
  + \* for memory management during startup. The Java virtual machine
  + \* may request additional memory from the operating system and
  + \* may also release memory to the system over time.
  + \* The value of <tt>init</tt> may be undefined.
* Used
  + represents the amount of memory currently used (in bytes).
* Commited
  + represents the amount of memory (in bytes) that is
  + \* guaranteed to be available for use by the Java virtual machine.
  + \* The amount of committed memory may change over time (increase
  + \* or decrease). The Java virtual machine may release memory to
  + \* the system and <tt>committed</tt> could be less than <tt>init</tt>.
  + \* <tt>committed</tt> will always be greater than
  + \* or equal to <tt>used</tt>.
* Max

represents the maximum amount of memory (in bytes)

\* that can be used for memory management. Its value may be undefined.

\* The maximum amount of memory may change over time if defined.

\* The amount of used and committed memory will always be less than

\* or equal to <tt>max</tt> if <tt>max</tt> is defined.

\* A memory allocation may fail if it attempts to increase the

\* used memory such that <tt>used > committed</tt> even

\* if <tt>used <= max</tt> would still be true (for example,

\* when the system is low on virtual memory).