

# java.lang.\* System


**System**

```
void arraycopy (Object src, int srcPos, Object dest, int desPos, int length)
long currentTimeMillis ()
void exit (int status)
void gc ()
Properties get / setProperty (String key)
String get / setProperty (String key, String def)
String getManager / setSecurityManager ()
int identityHashCode (Object x)
void load (String filename)
void loadLibrary (String libname)
String mapLibraryName (String libname)
void runFinalization ()
void setErr (PrintStream err)
void setIn (InputStream in)
void setOut (PrintStream out)
String setProperty (String key, String value)

InputStream in
PrintStream out, err
```

**Compiler**


```
Static Methods
Object command (Object any)
boolean compileClass (Class clazz)
boolean compileClasses (String string)
void disable ()
void enable ()
Other Public Methods
Object run ()
```

**Runtime**

```
Static Methods
Runtime getRuntime ()
Collectors
boolean addShutdownHook (Thread hook)
boolean removeShutdownHook (Thread hook)
Other Public Methods
int availableProcessors ()
Process exec (String command)
Process exec (String cndarray[])
Process exec (String cmd, String envp[])
Process exec (String cndarray[], String envp[])
Process exec (String command, String envp[], File dir)
Process exec (String cndarray[], String envp[], File dir)
void exit (int status)
long freeMemory ()
void gc ()
void halt (int status)
void load (String filename)
void loadLibrary (String libname)
long maxMemory ()
void runFinalization ()
long totalMemory ()
void traceInstructions (boolean on)
void traceMethodCalls (boolean on)
```

**Process**

```
Accessors
InputStream getErrorStream ()
InputStream getInputStream ()
OutputStream getOutputStream ()
Other Public Methods
void destroy ()
int exitValue ()
int waitFor ()
```

**SecurityManager**

```
SecurityManager ()
Accessors
Class[] getClassContext ()
Object getSecurityContext ()
ThreadGroup getThreadGroup ()
Event Methods
void checkAwtEventQueueAccess ()
Other Public Methods
void checkAccept (String host, int port)
void checkAccess (Thread t)
void checkAccess (ThreadGroup g)
void checkConnect (String host, int port)
void checkConnect (String host, int port, Object context)
void checkCreateClassLoader ()
void checkDelete (String file)
void checkExec (String cmd)
void checkExit (int status)
void checkLink (String lib)
void checkListen (int port)
void checkMemberAccess (Class clazz, int which)
void checkMulticast (InetAddress maddr)
void checkPackageAccess (String pkg)
void checkPackageDefinition (String pkg)
void checkPermission (Permission perm)
void checkPermission (Permission perm, Object context)
void checkPrintJobAccess ()
void checkPropertiesAccess ()
void checkPropertyAccess (String key)
void checkRead (FileDescriptor fd)
void checkRead (String file, Object context)
void checkSecurityAccess (String target)
void checkSelfFactory ()
void checkSystemClipboardAccess ()
boolean checkTopLevelWindow (Object window)
void checkWrite (FileDescriptor fd)
void checkWrite (String file)
```

**RMISecurityManager**

```
java.rmi.RMISecurityManager ()
RMISecurityManager ()
```