**Class diagram of String**

|  |
| --- |
| string |
| - value char []  - hash int  - serialVersionUID long  - serialPersistentFields ObjectStreamField[]  - CASE\_INSENSITIVE\_ORDER Comparator<String> |
| + String(String):String  + checkBounds()  + length():int  + isEmpty():boolean  + charAt(int):char  + codePointAt(int):int  + codePointBefore(int):int  + codePointCount(int,int):int  + offsetByCodePoints(int,int):int  + getChars(char,int):void  + getBytes(int ,int,byte[],int):void  + equals(object):boolean  + contentEquals(StringBuffer):boolean  - nonSyncContentEquals(AbstractStringBuilder):boolean  + contentEquals(charSequence):boolean  + equalsIgnoreCase(String):boolean  + compareTo(String):int  + compareToIgnoreCase(String):int  + regionMatches(int,String,int):boolean  + startsWith(String,int):boolean  + endsWith(String):boolean  + hashCode():int  + indexOf(int):int  - indexOfSupplementary(int,int):int  + lastIndexOf(int):int  + indexOf(String):int  + substring(int):string  + subsequence(int,int):charSequence  + concat(String):String  + replace(char,char):String  + matches(String):boolean  + contains(CharSequence):boolean  + replaceFirst(String,String):String  + replaceAll(String,String):String  + replace(CharSequence,CharSequence):String  + split(String,int):String  + join(CharSequence,Charsequence):String |

|  |
| --- |
| System |
| - in InputStream  - out PrintStream  - err PrintStream  -security SecurityManager  - cons volatile Console  - lineSeparator String |
| - registerNatives():void  + setIn(InputStream):void  + setOut(PrintStream):void  + setErr(PrintStream):void  + console():Console  - checkIO():void  - setIn0(InputStream):void  - setOut0(PrintStream):void  - setErr0(PrintStream):void  + setSecurityManager(SecurityManager):void  - setSecurityManager0(SecurityManager):void  + getSecurityManager():SecurityManager  + currentTimeMillis():long  + nanoTime():long  + arraycopy(object,int,object,int,int):void  + identityHashCode(object):int  - initProperties(Properties):Properties  + getProperties():Properties  + lineSeparator():String  + setProperties(Properties):void  + getProperty(String):String  + setProperty(Properties):void  + clearProperty(String):String  - checkKey(String):void  + getenv(String):String  + exit(int):void  + gc():void  + runFinalization():void  + runFinalizersOnExit(boolean):void  + load(String):void  + loadLibrary(String):void |

**Class Diagram of System class**