Java.lang

**定义:**

public final class System

extends Object

**方法:**

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| 数组拷贝 | public static void arraycopy(Object src,int srcPos,Object dest, int destPos,int length) |
| 取得当前系统时间 | public static long currentTimeMillis() |
| 和Runtime的gc一样 | public static void gc() |

范例:统计某个操作话费的毫秒时间

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| public class test{  public static void main(String args[]){  String str = "";  long start = System.currentTimeMillis();  for(int x = 0;x<3000;x++){  str += x;  }  long end = System.currentTimeMillis();  System.out.print("本次操作话费时间" + (end - start) + "ms");  }  } |

范例:析构函数

注意:

1. 只有在gc后才会调用析构函数,gc可以系统自动或者自己手动
2. 在析构函数里可以抛出异常,而不做处理

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| --- |
| public class test{  public static void main(String args[]){  Member mem = new Member();  mem = null; //产生垃圾  System.gc(); //手动处理垃圾  }  }  class Member{  public Member(){  System.out.println("构造 ");  }  @Override  protected void finalize() throws Throwable {  System.out.println("销毁");  throw new Exception("哈哈哈");  }  } |