一.文件夹中有很多符合比较规则，但是可能 API 不符合要求的.
比如

1. 返回值内部存放了地址，所以可能由于地址不同导致文件不相同
2. 由 Random 函数引起的不同
3. 由于 getPackage 函数，导致输出版本号的不同
4. 还由于 newInstance 函数返回本地时间，导致的不同.

二、发现的 API
不同返回值文件：

1. String.split 函数

版本	代码例子	输入	输出
1.7.0_07	text1187.java,line8	,helloworld,	,h,e,l,l,o,w,o,r,l,d,
1.8.0_231	text1187.java,line8	,helloworld,	h,e,l,l,o,w,o,r,l,d,

2. Class.getMethods 函数类似 getDeclaredMethods

版本	代码例子	输入	输出
1.7.0_07	text623.java,line12	class java.lang.Long,	(1)注：最底部
1.8.0_231	text623.java,line12	class java.lang.Long,	(2)注：最底部

3. Class.currentThread 函数

版本	代码例子	输入	输出
1.7.0_07	Text32.java,line56	无输入值	Thread[Thread-0,5,ParentThreadGroup],Thread[Thread-1,5,ChildThreadGroup],
1.8.0_231	Text32.java,line56	无输入值	Thread[Thread-1,5,ChildThreadGroup],Thread[Thread-0,5,ParentThreadGroup],

只有在批处理执行一堆文件时，在出现的区别，只执行这个文件是不可复现的.

4. System.identityHashCode

版本	代码例子	输入	输出
1.7.0_07	Text77.java,line15	amit,	137014984,
1.8.0_231	Text77.java,line15	amit,	366712642,

还有 line19,23 相同

不同输入值文件：存在输入值内容一样，但是由于顺序不一样导致比较漏洞.

1.HashMap.keySet 函数

版本	代码例子	输入	输出
1.7.0_07	text402.java,line42	{cheng=32, zhang=31, yun=33},{cheng=32, zhang=31, yun=33},{cheng=32, zhang=31, yun=33},	cheng,zhang,yun,
1.8.0_231	text402.java,line42	{yun=33, cheng=32,	yun,cheng,zhang,

		zhang=31},{yun=33, cheng=32, zhang=31},{yun=33, cheng=32, zhang=31},	

2.HashMap.entrySet 函数

版本	代码例子	输入	输出
1.7.0_07	text402.java,line69	{D=1, E=2, F=3, G=1, A=1, B=2, C=3, H=2, I=3}	D=1,E=2,F=3,G=1,A=1,B=2,C=3,H=2,I=3,
1.8.0_231	text402.java,line69	{A=1, B=2, C=3, D=1, E=2, F=3, G=1, H=2, I=3}	A=1,B=2,C=3,D=1,E=2,F=3,G=1,H=2,I=3,

（1）

public static int java.lang.Long.numberOfTrailingZeros(long),public static int java.lang.Long.numberOfLeadingZeros(long),public boolean java.lang.Long.equals(java.lang.Object),public int java.lang.Long.hashCode(),public static long java.lang.Long.reverseBytes(long),public static java.lang.String java.lang.Long.toString(long,int),public java.lang.String java.lang.Long.toString(),public static java.lang.String java.lang.Long.toString(long),public static int java.lang.Long.bitCount(long),public int java.lang.Long.compareTo(java.lang.Object),public int java.lang.Long.compareTo(java.lang.Long),public static java.lang.Long java.lang.Long.valueOf(java.lang.String,int) throws java.lang.NumberFormatException,public static java.lang.Long java.lang.Long.valueOf(long),public static java.lang.Long java.lang.Long.valueOf(java.lang.String) throws java.lang.NumberFormatException,public float java.lang.Long.floatValue(),public byte java.lang.Long.byteValue(),public short java.lang.Long.shortValue(),public long java.lang.Long.longValue(),public double java.lang.Long.doubleValue(),public static java.lang.Long java.lang.Long.getLong(java.lang.String,java.lang.Long),public static java.lang.Long java.lang.Long.getLong(java.lang.String),public static java.lang.Long java.lang.Long.getLong(java.lang.String,long),public int java.lang.Long.intValue(),public static java.lang.String java.lang.Long.toHexString(long),public static int java.lang.Long.compare(long,long),public static java.lang.Long java.lang.Long.decode(java.lang.String) throws java.lang.NumberFormatException,public static long java.lang.Long.reverse(long),public static long java.lang.Long.parseLong(java.lang.String) throws java.lang.NumberFormatException,public static long java.lang.Long.parseLong(java.lang.String,int) throws java.lang.NumberFormatException,public static long java.lang.Long.rotateLeft(long,int),public static int java.lang.Long.signum(long),public static long java.lang.Long.lowestOneBit(long),public static long java.lang.Long.rotateRight(long,int),public static java.lang.String java.lang.Long.toOctalString(long),public static java.lang.String

java.lang.Long.toBinaryString(long),public static long java.lang.Long.highestOneBit(long),public final native java.lang.Class java.lang.Object.getClass(),public final void java.lang.Object.wait(long,int) throws java.lang.InterruptedException,public final native void java.lang.Object.wait(long) throws java.lang.InterruptedException,public final void java.lang.Object.wait() throws java.lang.InterruptedException,public final native void java.lang.Object.notify(),public final native void java.lang.Object.notifyAll(),

（2）

public static int java.lang.Long.numberOfLeadingZeros(long),public static int java.lang.Long.numberOfTrailingZeros(long),public static int java.lang.Long.bitCount(long),public boolean java.lang.Long.equals(java.lang.Object),public java.lang.String java.lang.Long.toString(),public static java.lang.String java.lang.Long.toString(long,int),public static java.lang.String java.lang.Long.toString(long),public int java.lang.Long.hashCode(),public static int java.lang.Long.hashCode(long),public static long java.lang.Long.min(long,long),public static long java.lang.Long.max(long,long),public static long java.lang.Long.reverseBytes(long),public int java.lang.Long.compareTo(java.lang.Object),public int java.lang.Long.compareTo(java.lang.Long),public static java.lang.Long java.lang.Long.getLong(java.lang.String,java.lang.Long),public static java.lang.Long java.lang.Long.getLong(java.lang.String,long),public static java.lang.Long java.lang.Long.getLong(java.lang.String),public byte java.lang.Long.byteValue(),public short java.lang.Long.shortValue(),public int java.lang.Long.intValue(),public long java.lang.Long.longValue(),public float java.lang.Long.floatValue(),public double java.lang.Long.doubleValue(),public static java.lang.Long java.lang.Long.valueOf(long),public static java.lang.Long java.lang.Long.valueOf(java.lang.String,int) throws java.lang.NumberFormatException,public static java.lang.Long java.lang.Long.valueOf(java.lang.String) throws java.lang.NumberFormatException,public static java.lang.String java.lang.Long.toHexString(long),public static int java.lang.Long.compare(long,long),public static java.lang.Long java.lang.Long.decode(java.lang.String) throws java.lang.NumberFormatException,public static long java.lang.Long.reverse(long),public static long java.lang.Long.sum(long,long),public static int java.lang.Long.compareUnsigned(long,long),public static long java.lang.Long.divideUnsigned(long,long),public static long java.lang.Long.highestOneBit(long),public static long java.lang.Long.lowestOneBit(long),public static long java.lang.Long.parseLong(java.lang.String,int) throws java.lang.NumberFormatException,public static long java.lang.Long.parseLong(java.lang.String) throws java.lang.NumberFormatException,public static long java.lang.Long.remainderUnsigned(long,long),public static long java.lang.Long.rotateLeft(long,int),public static long java.lang.Long.rotateRight(long,int),public static int java.lang.Long.signum(long),public static java.lang.String java.lang.Long.toBinaryString(long),public static java.lang.String java.lang.Long.toOctalString(long),public static java.lang.String java.lang.Long.toUnsignedString(long),public static java.lang.String java.lang.Long.toUnsignedString(long,int),public static long java.lang.Long.parseUnsignedLong(java.lang.String) throws java.lang.NumberFormatException,public static long

java.lang.Long.parseUnsignedLong(java.lang.String,int) throws java.lang.NumberFormatException,public final void java.lang.Object.wait() throws java.lang.InterruptedException,public final void java.lang.Object.wait(long,int) throws java.lang.InterruptedException,public final native void java.lang.Object.wait(long) throws java.lang.InterruptedException,public final native java.lang.Class java.lang.Object.getClass(),public final native void java.lang.Object.notify(),public final native void java.lang.Object.notifyAll(),