



0000: MMC Memory Stick Duo Adapter 00000000 SD Reader 0000 MMC 00  
SD Reader 00

0000 00000000 00000000000000000000 000000MMC 0000Adapter0000  
 SD Reader (A runtime exception was thrown.) 000000000000MMC0000(rethrow) 0  
 000000000000(rethrow) 0000“0000”000000MMC0000000000000000000000000000(rethrow)  
 (The exception spread across the border of the model.) 00000000(catch) 00000000  
 000000000000  
 (Because the exception lose the information, RTTI was asked to recall the information)  
 0000000000000000MMC0000 000000(expose the data structure) 0000000000  
 MMC(hooker link to the structure) 00MMC000000

```

1.throwsException()
rethrowException()
exception()
subclass()
superclass()
exception()
RTT()

```

2.

```
3. class interface is-a SD Reader object
   SD interface object is-a SD card interface
   MMC MMC SD
   throw an exception
   compile-time error
   compile-time error
```

#### 4.Design patterns

##### Adapter pattern

Adapter

interface

5. `interface interface`

6. 如何暴露数据结构 expose the data structure 如何暴露 C 和 C# 的 Reflection 如何暴露 serializing(序列化)和 streaming(流)如何暴露 setter/getter 如何暴露

7. 如何暴露 SD Reader 如何暴露 C++ 的 setNewHandle 如何暴露 handle 如何暴露 setter/getter 如何暴露

8. 如何暴露 (hooker) 如何暴露

9. 如何暴露 FILO 如何暴露 FILO 如何暴露 Adapter 如何暴露 SD Reader 如何暴露 Adapter 如何暴露 FILO 如何暴露