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: MMC Memory Stick DuoAdapter  
SD ReaderMMCSD Reader

MMC Adapter  
SD Reader (A runtime exception was thrown.)  
MMC(throw) (throw) ""  
MMC(throw)  
(The exception spread across the border of the model  
(catch)

(Because the exception lose the information, RTTI was  
MMC (expose the data structure)  
MMC(hooker link to the structure) MMC

1.exceptionrethrowexception  
exceptionsubclasssuperclassexception  
RTTI

2.

3.classinterfaceinterfaceis-a  
SD ReaderobjectSD interfaceobjectis-  
a SD cardinterfaceMMCMMCSD  
throw an exceptioncompile-time error  
compile-time error

4.Design patternsAdapter pattern  
Adapterinterface

5.interfaceinterface

6.expose the data structureCC#  
Reflectionserializing()streaming()

7.SD ReaderC++  
setNewHandlehandlesetter/getter

8.(hooker)

9.FILOFILO Adapter  
SD Reader                      SD Reader Adapter  
FILO

