

Java I/O Stream API

byte stream

character stream

O ↗
↓ ↘

InputStream

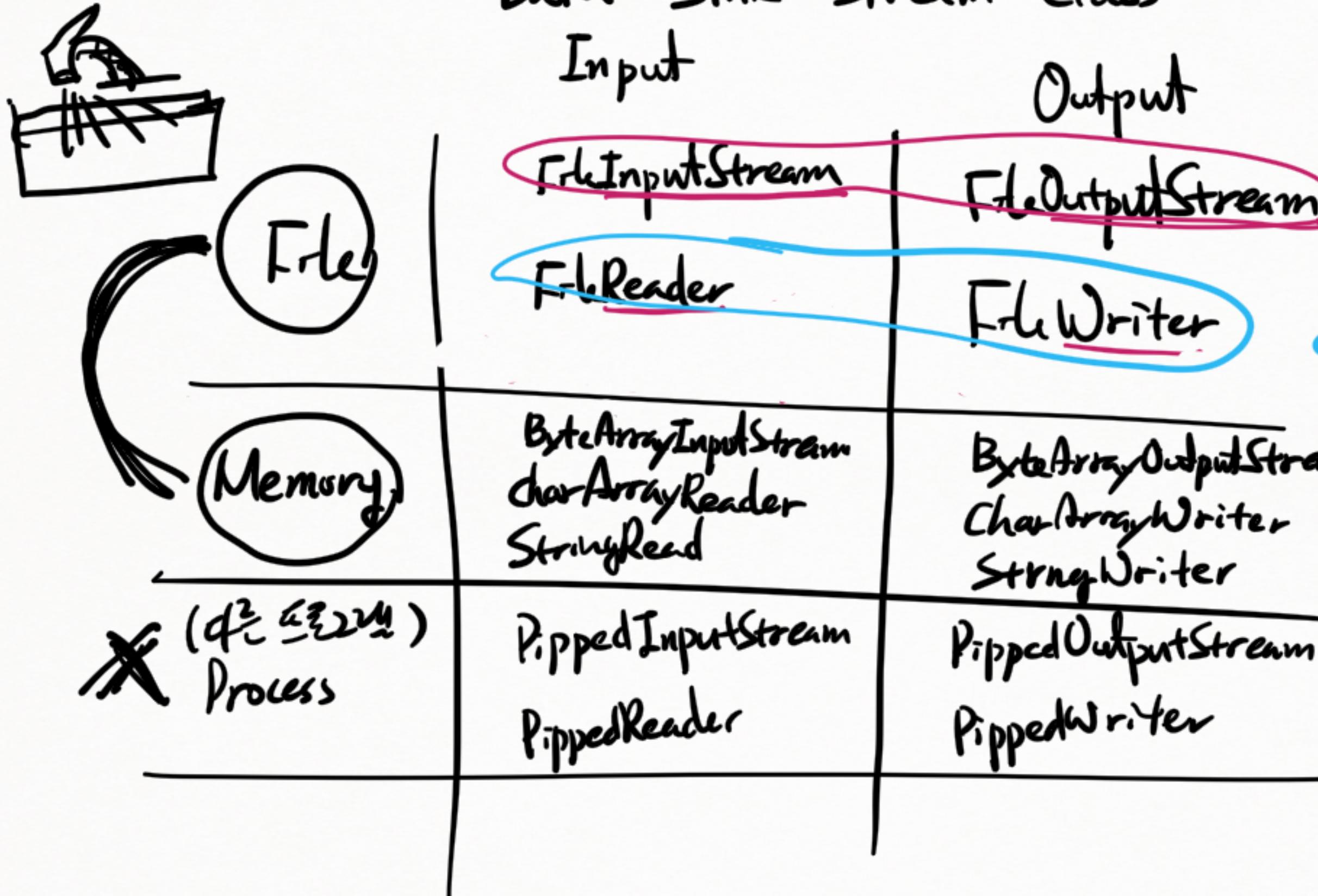
Reader

↗ I ↗
↓ ↘

OutputStream

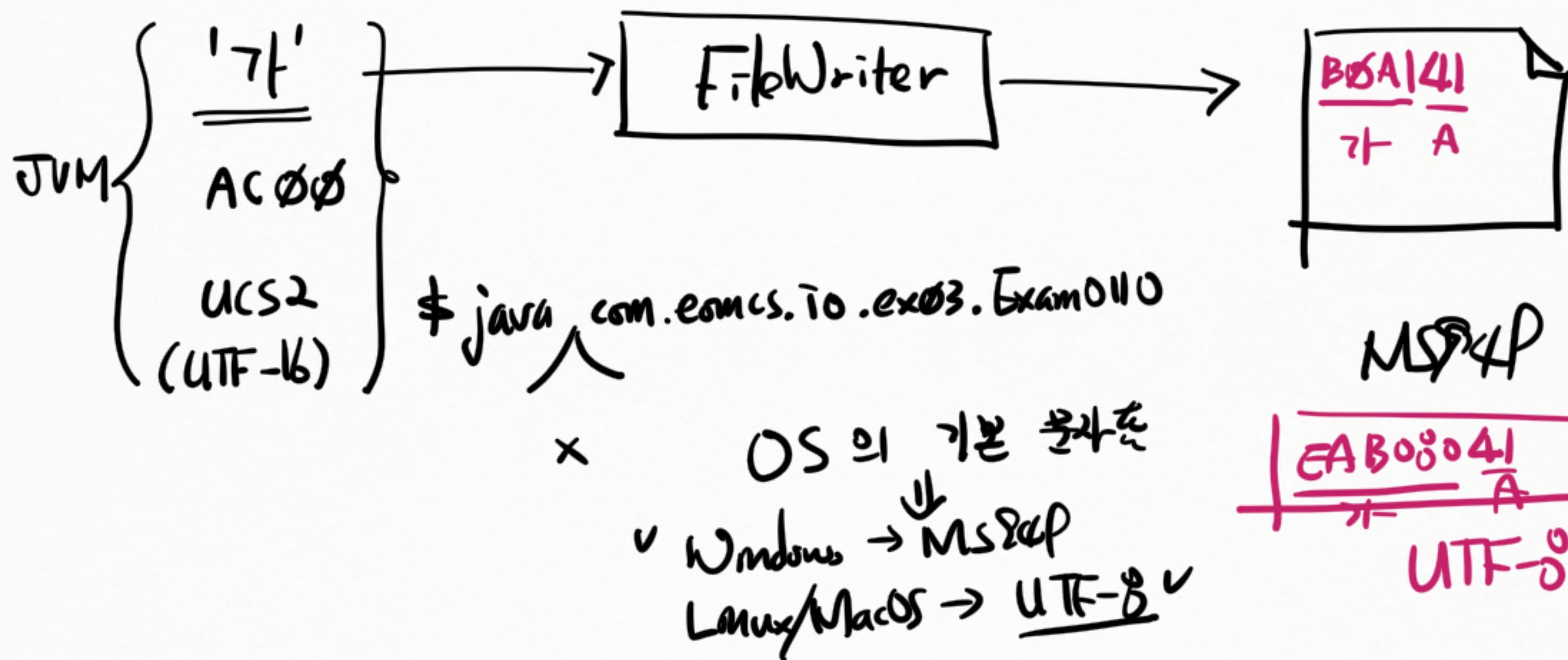
Writer

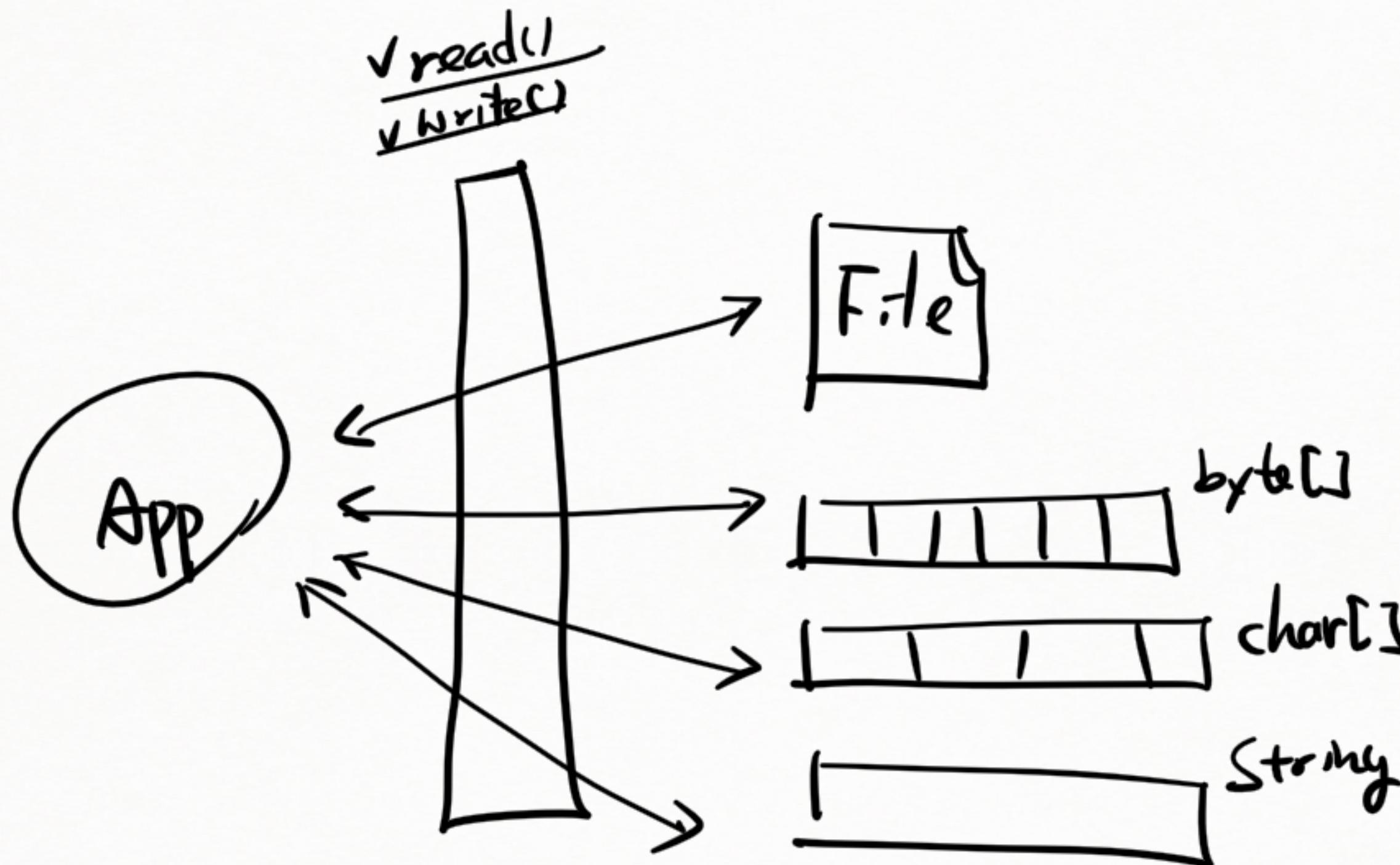
Data Sink Stream Class



ex) .grf - jpg - ppt
.avi - pdf

ex) .csv - html - java
.js - css - txt





MS949 : 41 42 B0 A1 B0 A2

UTF-8 : 41 42 EA B0 80 EA B0 81

UTF-16BE : 0041 0042 AC00 AC01

UTF-16LE : 4100 4200 00AC 01AC

JVM
↓

char : UCS2 (UTF-16BE)

0041 0042 AC00 AC01
A B 𠂇 𠂇

new String(byte[] , offset , length , charset)

File/Network

✗ MS949
✗ EUC-KR
UTF-8



DBMS
↓
✗

JVM



UCS2

"

UTF-16BE

"

char c;
~~~ 'A' → 0041  
'가' → Aced

File/Network

MSP430  
✗  
EUC-KR  
**UTF-8**

