**Random Access Files Reflection**

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**Advantages:**

* Allows quick fetching and reading from files, if you know the position, by use of a pointer.
* You don’t have to read every record In the file

**Disadvantages:**

* In order to get the best of the advantages of raf, you need to know the position of the record your looking for
* If this record is in bytes you will then likely have to convert it into a more usable type like a string

**Usage:**

A random access file acts like a array of bytes, data can be read sequentially by using file pointer to set reading or writing position.

**Syntax:**

// example of Random Access file syntac

raf = new RandomAccessFile(“address”, "rw"); // opens file name address in read and write mode

int pos = 0;

raf.seek(pos); ; // sets position to beginning of file

raf.readLine(); //reads till end of line is reached

**Constructors:**

RandomAccessFile(File file, String mode), string modes could be r, rw, or w

R = read, W = write, RW = Read and Write

**Methods:**

Read,

Write,

Length

Seek

readUTF

readLine

**References**

<https://www.javatpoint.com/java-randomaccessfile-class>