

EXHIBIT E

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Standard Ed. 5.0*

java.io

Class FileReader

```

java.lang.Object
├── java.io.Reader
│   └── java.io.InputStreamReader
│       └── java.io.FileReader

```

All Implemented Interfaces:[Closeable](#), [Readable](#)

```

public class FileReader
extends InputStreamReader

```

Convenience class for reading character files. The constructors of this class assume that the default character encoding and the default byte-buffer size are appropriate. To specify these values yourself, construct an `InputStreamReader` on a `FileInputStream`.

`FileReader` is meant for reading streams of characters. For reading streams of raw bytes, consider using a `FileInputStream`.

Since:

JDK1.1

See Also:[InputStreamReader](#), [FileInputStream](#)

Field Summary

Fields inherited from class java.io.[Reader](#)[lock](#)

Constructor Summary

[FileReader](#)([File](#) file)Creates a new `FileReader`, given the `File` to read from.[FileReader](#)([FileDescriptor](#) fd)Creates a new `FileReader`, given the `FileDescriptor` to read from.[FileReader](#)([String](#) fileName)

Creates a new `FileReader`, given the name of the file to read from.

Method Summary

Methods inherited from class `java.io.InputStreamReader`

[close](#), [getEncoding](#), [read](#), [read](#), [ready](#)

Methods inherited from class `java.io.Reader`

[mark](#), [markSupported](#), [read](#), [read](#), [reset](#), [skip](#)

Methods inherited from class `java.lang.Object`

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Constructor Detail

FileReader

```
public FileReader(String fileName)
    throws FileNotFoundException
```

Creates a new `FileReader`, given the name of the file to read from.

Parameters:

`fileName` - the name of the file to read from

Throws:

[FileNotFoundException](#) - if the named file does not exist, is a directory rather than a regular file, or for some other reason cannot be opened for reading.

FileReader

```
public FileReader(File file)
    throws FileNotFoundException
```

Creates a new `FileReader`, given the `File` to read from.

Parameters:

`file` - the `File` to read from

Throws:

[FileNotFoundException](#) - if the file does not exist, is a directory rather than a regular file, or for some other reason cannot be opened for reading.

FileReader

```
public FileReader(FileDescriptor fd)
```

Creates a new `FileReader`, given the `FileDescriptor` to read from.

Parameters:

`fd` - the `FileDescriptor` to read from

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For further API reference and developer documentation, see [Java 2 SDK SE Developer Documentation](#). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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