

Class `java.io.SequenceInputStream`

```
java.lang.Object
|
+----java.io.InputStream
|
+----java.io.SequenceInputStream
```

public class **SequenceInputStream**
extends [InputStream](#)

Converts a sequence of input streams into an `InputStream`.

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Constructor Index

- o **[SequenceInputStream](#)**(Enumeration)
Constructs a new `SequenceInputStream` initialized to the specified list.
- o **[SequenceInputStream](#)**(`InputStream`, `InputStream`)
Constructs a new `SequenceInputStream` initialized to the two specified input streams.

Method Index

- o **[close](#)**()
Closes the input stream; flipping to the next stream, if an EOF is reached.
- o **[read](#)**()
Reads a stream, and upon reaching an EOF, flips to the next stream.
- o **[read](#)**(`byte[]`, `int`, `int`)
Reads data into an array of bytes, and upon reaching an EOF, flips to the next stream.

Constructors

o **SequenceInputStream**

```
public SequenceInputStream(Enumeration e)
```

Constructs a new SequenceInputStream initialized to the specified list.

Parameters:

e – the list

o **SequenceInputStream**

```
public SequenceInputStream(InputStream s1,  
                           InputStream s2)
```

Constructs a new SequenceInputStream initialized to the two specified input streams.

Parameters:

s1 – the first input stream

s2 – the second input stream

Methods

o **read**

```
public int read() throws IOException
```

Reads a stream, and upon reaching an EOF, flips to the next stream.

Overrides:

read in class InputStream

o **read**

```
public int read(byte buf[],  
                int pos,  
                int len) throws IOException
```

Reads data into an array of bytes, and upon reaching an EOF, flips to the next stream.

Parameters:

buf – the buffer into which the data is read

pos – the start position of the data

len – the maximum number of bytes read

Throws: IOException

If an I/O error has occurred.

Overrides:

read in class InputStream

o **close**

public void close() throws [IOException](#)

Closes the input stream; flipping to the next stream, if an EOF is reached. This method must be called to release any resources associated with the stream.

Throws: [IOException](#)

If an I/O error has occurred.

Overrides:

[close](#) in class [InputStream](#)

[All Packages](#)

[This Package](#)

[Previous](#)

[Next](#)