




InputStream will not reset to beginning

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```
InputStream data = realResponse.getEntity().getContent();
byte[] preview = new byte[100];
data.read(preview, 0, 100);
```

// Now I want to refer to the
InputStream later on, but I want it
from the beginning of the stream, not
100 bytes in. I tried `mark()` it at 100,
and then `reset()` after I read the
first 100 bytes, but that doesn't work
either.

Any ideas? Probably a stupid
mistake..just not seeing it.

[java](#) [parsing](#) [inputstream](#)

edited May 8 '14 at 7:19




Mubashar Ahmad
7,085 8 49 85




asked Jul 16 '11 at 10:30



Du3
707 4 12 35

2 Answers

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When you use `mark()` of the [java.io.InputStream](#) object you should check with the `markSupported()` method if your `InputStream` actually support using `mark`. According to the API the `InputStream` class doesn't, but the [java.io.BufferedInputStream](#) class does. Maybe you should embed your stream inside a `BufferedInputStream` object like:

```
InputStream data = new
BufferedInputStream(realResponse.g
// data.markSupported() should ret
data.mark(some_size);
// work with "data" now
...
data.reset();
```

answered Jul 16 '11 at 10:43

Progman



6,278 3 19 35

This worked like a charm. I needed a BufferedInputStream – [Du3](#) Jul 17 '11 at 9:35

[docs.oracle.com/javase/8/docs/api/java/io/...](https://docs.oracle.com/javase/8/docs/api/java/io/InputStream.html) "the reset() method in InputStream does nothing other than throw IOException()" :-)

– [Chris Huang-Leaver](#) Sep 21 '16 at 2:07



1



If the `InputStream` supports `mark` (you can check with the `markSupported()` method), then the following should work:

```
InputStream data = realResponse.ge
byte[] preview = new byte[100];
data.mark(100);
data.read(preview, 0, 100);
data.reset();
```

However, be aware that `data.read(preview, 0, 100)` is *not* guaranteed to read 100 bytes in one go, it may read less.

answered Jul 16 '11 at 10:42


[Lucero](#)
51.7k 5 91 142

Does the `getContent()` input stream supports `mark()`? – [extraneon](#) Jul 16 '11 at 10:44

I cannot answer this without knowing what the `realResponse` class is (and which version of the library it is in). – [Lucero](#) Jul 16 '11 at 10:49

@Lucero yes you can. `markSupported()` tells you that. – [user207421](#) Jul 16 '11 at 12:03