



Writable Classes



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 - ↳ `get()` - retrieve

Ads in 5



2:05 / 12:02



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10 seconds

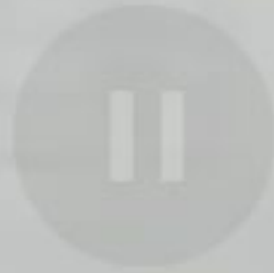
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Text - * Writable for UTF-8 sequences
* can be thought of as writable equivalent of `java.lang.String`
* Uses an `int` to store no. of bytes in the string encoding,
So, the maximum value is 2GB.

features : - * indexing - `charAt()`

* iteration

*

*

0 1 2
[h a d o o p]

`charAt(2)`
⇒ 'd'

DreamFactory Database APIs - No Code REST API Generati...

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dreamfactory.com/database/API

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from the array (03 8 05)

Bytes Writable b = new BytesWritable
(new byte[] {3, 5});
byte[] bytes = serialize(b);

assertThat (String Utils. byteToHex
String (bytes), is ("000000020305"))

Bytes Writable is mutable and its
value may be changed by calling
its set method.

ava.lang.String
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- * Writable
- * Serializable

Ex - [3]

Specifies the
version.

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10 seconds

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- ✖ Mutability
- ✖ Restoring to String

Byte Writable

Used for an array of binary data.
The format is an integer field (4 bytes) that specifies the number of bytes to follow, followed by bytes themselves.

Ex -

3	5
---	---

 (0000 0002 03 05)

Null Writable → Special type (has zero length serialization)
→ No bytes are written to or read from the stream
→ used as placeholder → stores empty value.

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Compared with Object Writable, this class is much more effective.
Because O.W will append the class declaration as a string into the output file in every Key value pair.
G.W. implements ~~configw~~ ~~intef~~ interface, so that it will be configured by the framework.

Writable Collections