

Class `sun.tools.debug.RemoteArray`

```
java.lang.Object
|
+----sun.tools.debug.RemoteValue
      |
      +----sun.tools.debug.RemoteObject
            |
            +----sun.tools.debug.RemoteArray
```

```
public class RemoteArray
extends RemoteObject
```

The RemoteArray class allows remote debugging of arrays.

See Also:

[RemoteValue](#), [RemoteDebugger](#)

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Method Index

- o [**arrayTypeName**](#)(int)
Return the element type as a string.
- o [**description**](#)()
Return a description of the array.
- o [**getElement**](#)(int)
Return an array element.
- o [**getElementType**](#)()
Return the element type as a "TC_" constant, such as "TC_CHAR".
- o [**getElements**](#)()
Returns a copy of the array as instances of RemoteValue.
- o [**getElements**](#)(int, int)
Returns a copy of a portion of the array as instances of RemoteValue.
- o [**getSize**](#)()
Return the number of elements in the array.
- o [**toString**](#)()
Return a string version of the array.
- o [**typeName**](#)()

Return this RemoteValue's type ("array").

Methods

o getSize

```
public final int getSize()
```

Return the number of elements in the array.

o typeName

```
public String typeName()
```

Return this RemoteValue's type ("array").

Overrides:

typeName in class RemoteObject

o arrayTypeName

```
public String arrayTypeName(int type)
```

Return the element type as a string.

o getElementType

```
public final int getElementType() throws Exception
```

Return the element type as a "TC_" constant, such as "TC_CHAR".

o getElement

```
public final RemoteValue getElement(int index) throws Exception
```

Return an array element.

Parameters:

index – the index of the element

Returns:

the element as a RemoteValue

Throws: ArrayIndexOutOfBoundsException

when the index is greater than the size of the array

o getElements

```
public final RemoteValue[] getElements() throws Exception
```

Returns a copy of the array as instances of RemoteValue.

o **getElements**

```
public final RemoteValue[] getElements(int beginIndex,  
                                       int endIndex) throws Exception
```

Returns a copy of a portion of the array as instances of RemoteValue.

Parameters:

beginIndex – the beginning array index

endIndex – the final array index

Throws: ArrayIndexOutOfBoundsException

when the index is greater than the size of the array

o **description**

```
public String description()
```

Return a description of the array.

Overrides:

description in class RemoteObject

o **toString**

```
public String toString()
```

Return a string version of the array.

Overrides:

toString in class RemoteObject