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
Author:
Thomas Ball

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