

ArrayIndexOutOfBoundsException Class

Definition

Namespace: [Java.Lang](#)
Assembly: Mono.Android.dll

Thrown to indicate that an array has been accessed with an illegal index.

```
C#  
[Android.Runtime.Register("java/lang/ArrayIndexOutOfBoundsException", DoNotGenerateAcw=true)]  
public class ArrayIndexOutOfBoundsException : Java.Lang.IndexOutOfBoundsException
```

Inheritance [Exception](#) → [Throwable](#) → [Exception](#) → [RuntimeException](#) → [IndexOutOfBoundsException](#) → [ArrayIndexOutOfBoundsException](#)

Attributes [RegisterAttribute](#)

Remarks


Thrown to indicate that an array has been accessed with an illegal index. The index is either negative or greater than or equal to the size of the array.

Added in 1.0.

[Java documentation for java.lang.ArrayIndexOutOfBoundsException.](#)

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Constructors


 Expand table

ArrayIndexOutOfBoundsException()	Constructs an <code>ArrayIndexOutOfBoundsException</code> with no detail message.
ArrayIndexOutOfBoundsException(Int32)	Constructs a new <code>ArrayIndexOutOfBoundsException</code> class with an argument indicating the illegal index.
ArrayIndexOutOfBoundsException(IntPtr, JniHandleOwnership)	A constructor used when creating managed representations of JNI objects; called by the runtime.

[ArrayIndexOutOfBoundsException\(String\)](#)

Constructs an `ArrayIndexOutOfBoundsException` class with the specified detail message.


Fields

 Expand table

[is_generated](#)

(Inherited from [Throwable](#))

Properties

 Expand table

[Cause](#)

Returns the cause of this throwable or `null` if the cause is nonexistent or unknown.
(Inherited from [Throwable](#))

[Class](#)

(Inherited from [Throwable](#))

[Handle](#)

The handle to the underlying Android instance.
(Inherited from [Throwable](#))

[JniIdentityHash
Code](#)

(Inherited from [Throwable](#))

[JniPeerMembers](#)

[LocalizedMessage](#)

Creates a localized description of this throwable.
(Inherited from [Throwable](#))

[Message](#)

Returns the detail message string of this throwable.
(Inherited from [Throwable](#))

[PeerReference](#)

(Inherited from [Throwable](#))

[StackTrace](#)

(Inherited from [Throwable](#))


[ThresholdClass](#)

This API supports the Mono for Android infrastructure and is not intended to be used directly from your code.

[ThresholdType](#)

This API supports the Mono for Android infrastructure and is not intended to be used directly from your code.

Methods


 Expand table

[AddSuppressed\(Throwable\)](#)

Appends the specified exception to the exceptions that were suppressed in order to deliver this exception.

IJavaPeerable.SetJniManagedPeerState(JniManagedPeerStates)	(Inherited from Throwable)
IJavaPeerable.SetPeerReference(JniObjectReference)	(Inherited from Throwable)

Extension Methods

 **Expand table**

JavaCast<TResult>(IJavaObject)	Performs an Android runtime-checked type conversion.
JavaCast<TResult>(IJavaObject)	
GetJniTypeName(IJavaPeerable)	Gets the JNI name of the type of the instance <code>self</code> .
JavaAs<TResult>(IJavaPeerable)	Try to coerce <code>self</code> to type <code>TResult</code> , checking that the coercion is valid on the Java side.
TryJavaCast<TResult>(IJavaPeerable, TResult)	Try to coerce <code>self</code> to type <code>TResult</code> , checking that the coercion is valid on the Java side.

Applies to

Product	Versions
.NET for Android	.NET for Android API 34, .NET for Android API 35, .NET for Android API 36