| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMException.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/org/w3c/dom/DOMErrorHandler.html)   [**NEXT CLASS**](http://docs.google.com/org/w3c/dom/DOMImplementation.html) | [**FRAMES**](http://docs.google.com/index.html?org/w3c/dom/DOMException.html)    [**NO FRAMES**](http://docs.google.com/DOMException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#3as4poj) | METHOD |

## **org.w3c.dom**

Class DOMException

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.lang.Throwable](http://docs.google.com/java/lang/Throwable.html)  
 [java.lang.Exception](http://docs.google.com/java/lang/Exception.html)  
 [java.lang.RuntimeException](http://docs.google.com/java/lang/RuntimeException.html)  
 **org.w3c.dom.DOMException**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **DOMException**extends [RuntimeException](http://docs.google.com/java/lang/RuntimeException.html)

DOM operations only raise exceptions in "exceptional" circumstances, i.e., when an operation is impossible to perform (either for logical reasons, because data is lost, or because the implementation has become unstable). In general, DOM methods return specific error values in ordinary processing situations, such as out-of-bound errors when using NodeList.

Implementations should raise other exceptions under other circumstances. For example, implementations should raise an implementation-dependent exception if a null argument is passed when null was not expected.

Some languages and object systems do not support the concept of exceptions. For such systems, error conditions may be indicated using native error reporting mechanisms. For some bindings, for example, methods may return error codes similar to those listed in the corresponding method descriptions.

See also the [Document Object Model (DOM) Level 3 Core Specification](http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407).

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#org.w3c.dom.DOMException)

| **Field Summary** | |
| --- | --- |
| short | [**code**](http://docs.google.com/org/w3c/dom/DOMException.html#code) |
| static short | [**DOMSTRING\_SIZE\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#DOMSTRING_SIZE_ERR)            If the specified range of text does not fit into a DOMString. |
| static short | [**HIERARCHY\_REQUEST\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#HIERARCHY_REQUEST_ERR)            If any Node is inserted somewhere it doesn't belong. |
| static short | [**INDEX\_SIZE\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#INDEX_SIZE_ERR)            If index or size is negative, or greater than the allowed value. |
| static short | [**INUSE\_ATTRIBUTE\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#INUSE_ATTRIBUTE_ERR)            If an attempt is made to add an attribute that is already in use elsewhere. |
| static short | [**INVALID\_ACCESS\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#INVALID_ACCESS_ERR)            If a parameter or an operation is not supported by the underlying object. |
| static short | [**INVALID\_CHARACTER\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#INVALID_CHARACTER_ERR)            If an invalid or illegal character is specified, such as in an XML name. |
| static short | [**INVALID\_MODIFICATION\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#INVALID_MODIFICATION_ERR)            If an attempt is made to modify the type of the underlying object. |
| static short | [**INVALID\_STATE\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#INVALID_STATE_ERR)            If an attempt is made to use an object that is not, or is no longer, usable. |
| static short | [**NAMESPACE\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#NAMESPACE_ERR)            If an attempt is made to create or change an object in a way which is incorrect with regard to namespaces. |
| static short | [**NO\_DATA\_ALLOWED\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#NO_DATA_ALLOWED_ERR)            If data is specified for a Node which does not support data. |
| static short | [**NO\_MODIFICATION\_ALLOWED\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#NO_MODIFICATION_ALLOWED_ERR)            If an attempt is made to modify an object where modifications are not allowed. |
| static short | [**NOT\_FOUND\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#NOT_FOUND_ERR)            If an attempt is made to reference a Node in a context where it does not exist. |
| static short | [**NOT\_SUPPORTED\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#NOT_SUPPORTED_ERR)            If the implementation does not support the requested type of object or operation. |
| static short | [**SYNTAX\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#SYNTAX_ERR)            If an invalid or illegal string is specified. |
| static short | [**TYPE\_MISMATCH\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#TYPE_MISMATCH_ERR)            If the type of an object is incompatible with the expected type of the parameter associated to the object. |
| static short | [**VALIDATION\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#VALIDATION_ERR)            If a call to a method such as insertBefore or removeChild would make the Node invalid with respect to "partial validity", this exception would be raised and the operation would not be done. |
| static short | [**WRONG\_DOCUMENT\_ERR**](http://docs.google.com/org/w3c/dom/DOMException.html#WRONG_DOCUMENT_ERR)            If a Node is used in a different document than the one that created it (that doesn't support it). |

| **Constructor Summary** | |
| --- | --- |
| [**DOMException**](http://docs.google.com/org/w3c/dom/DOMException.html#DOMException(short,%20java.lang.String))(short code, [String](http://docs.google.com/java/lang/String.html) message) |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class java.lang.**[**Throwable**](http://docs.google.com/java/lang/Throwable.html) |
| --- |
| [fillInStackTrace](http://docs.google.com/java/lang/Throwable.html#fillInStackTrace()), [getCause](http://docs.google.com/java/lang/Throwable.html#getCause()), [getLocalizedMessage](http://docs.google.com/java/lang/Throwable.html#getLocalizedMessage()), [getMessage](http://docs.google.com/java/lang/Throwable.html#getMessage()), [getStackTrace](http://docs.google.com/java/lang/Throwable.html#getStackTrace()), [initCause](http://docs.google.com/java/lang/Throwable.html#initCause(java.lang.Throwable)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace()), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintStream)), [printStackTrace](http://docs.google.com/java/lang/Throwable.html#printStackTrace(java.io.PrintWriter)), [setStackTrace](http://docs.google.com/java/lang/Throwable.html#setStackTrace(java.lang.StackTraceElement%5B%5D)), [toString](http://docs.google.com/java/lang/Throwable.html#toString()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### code

public short **code**

### INDEX\_SIZE\_ERR

public static final short **INDEX\_SIZE\_ERR**

If index or size is negative, or greater than the allowed value.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.INDEX_SIZE_ERR)

### DOMSTRING\_SIZE\_ERR

public static final short **DOMSTRING\_SIZE\_ERR**

If the specified range of text does not fit into a DOMString.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.DOMSTRING_SIZE_ERR)

### HIERARCHY\_REQUEST\_ERR

public static final short **HIERARCHY\_REQUEST\_ERR**

If any Node is inserted somewhere it doesn't belong.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.HIERARCHY_REQUEST_ERR)

### WRONG\_DOCUMENT\_ERR

public static final short **WRONG\_DOCUMENT\_ERR**

If a Node is used in a different document than the one that created it (that doesn't support it).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.WRONG_DOCUMENT_ERR)

### INVALID\_CHARACTER\_ERR

public static final short **INVALID\_CHARACTER\_ERR**

If an invalid or illegal character is specified, such as in an XML name.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.INVALID_CHARACTER_ERR)

### NO\_DATA\_ALLOWED\_ERR

public static final short **NO\_DATA\_ALLOWED\_ERR**

If data is specified for a Node which does not support data.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.NO_DATA_ALLOWED_ERR)

### NO\_MODIFICATION\_ALLOWED\_ERR

public static final short **NO\_MODIFICATION\_ALLOWED\_ERR**

If an attempt is made to modify an object where modifications are not allowed.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.NO_MODIFICATION_ALLOWED_ERR)

### NOT\_FOUND\_ERR

public static final short **NOT\_FOUND\_ERR**

If an attempt is made to reference a Node in a context where it does not exist.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.NOT_FOUND_ERR)

### NOT\_SUPPORTED\_ERR

public static final short **NOT\_SUPPORTED\_ERR**

If the implementation does not support the requested type of object or operation.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.NOT_SUPPORTED_ERR)

### INUSE\_ATTRIBUTE\_ERR

public static final short **INUSE\_ATTRIBUTE\_ERR**

If an attempt is made to add an attribute that is already in use elsewhere.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.INUSE_ATTRIBUTE_ERR)

### INVALID\_STATE\_ERR

public static final short **INVALID\_STATE\_ERR**

If an attempt is made to use an object that is not, or is no longer, usable.

**Since:** DOM Level 2 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.INVALID_STATE_ERR)

### SYNTAX\_ERR

public static final short **SYNTAX\_ERR**

If an invalid or illegal string is specified.

**Since:** DOM Level 2 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.SYNTAX_ERR)

### INVALID\_MODIFICATION\_ERR

public static final short **INVALID\_MODIFICATION\_ERR**

If an attempt is made to modify the type of the underlying object.

**Since:** DOM Level 2 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.INVALID_MODIFICATION_ERR)

### NAMESPACE\_ERR

public static final short **NAMESPACE\_ERR**

If an attempt is made to create or change an object in a way which is incorrect with regard to namespaces.

**Since:** DOM Level 2 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.NAMESPACE_ERR)

### INVALID\_ACCESS\_ERR

public static final short **INVALID\_ACCESS\_ERR**

If a parameter or an operation is not supported by the underlying object.

**Since:** DOM Level 2 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.INVALID_ACCESS_ERR)

### VALIDATION\_ERR

public static final short **VALIDATION\_ERR**

If a call to a method such as insertBefore or removeChild would make the Node invalid with respect to "partial validity", this exception would be raised and the operation would not be done. This code is used in [[DOM Level 3 Validation](http://www.w3.org/TR/2004/REC-DOM-Level-3-Val-20040127/)] . Refer to this specification for further information.

**Since:** DOM Level 3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.VALIDATION_ERR)

### TYPE\_MISMATCH\_ERR

public static final short **TYPE\_MISMATCH\_ERR**

If the type of an object is incompatible with the expected type of the parameter associated to the object.

**Since:** DOM Level 3 **See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.w3c.dom.DOMException.TYPE_MISMATCH_ERR)

| **Constructor Detail** |
| --- |

### DOMException

public **DOMException**(short code,  
 [String](http://docs.google.com/java/lang/String.html) message)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMException.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/org/w3c/dom/DOMErrorHandler.html)   [**NEXT CLASS**](http://docs.google.com/org/w3c/dom/DOMImplementation.html) | [**FRAMES**](http://docs.google.com/index.html?org/w3c/dom/DOMException.html)    [**NO FRAMES**](http://docs.google.com/DOMException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#3as4poj) | METHOD |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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