| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TypeParameterElement.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/javax/lang/model/element/TypeElement.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/element/UnknownAnnotationValueException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element/TypeParameterElement.html)    [**NO FRAMES**](http://docs.google.com/TypeParameterElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **javax.lang.model.element**

Interface TypeParameterElement

**All Superinterfaces:** [Element](http://docs.google.com/javax/lang/model/element/Element.html)

public interface **TypeParameterElement**extends [Element](http://docs.google.com/javax/lang/model/element/Element.html)

Represents a formal type parameter of a generic class, interface, method, or constructor element. A type parameter declares a [TypeVariable](http://docs.google.com/javax/lang/model/type/TypeVariable.html).

**Since:** 1.6 **See Also:**[TypeVariable](http://docs.google.com/javax/lang/model/type/TypeVariable.html)

| **Method Summary** | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html)<? extends [TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html)> | [**getBounds**](http://docs.google.com/javax/lang/model/element/TypeParameterElement.html#getBounds())()            Returns the bounds of this type parameter. |
| [Element](http://docs.google.com/javax/lang/model/element/Element.html) | [**getGenericElement**](http://docs.google.com/javax/lang/model/element/TypeParameterElement.html#getGenericElement())()            Returns the generic class, interface, method, or constructor that is parameterized by this type parameter. |

| **Methods inherited from interface javax.lang.model.element.**[**Element**](http://docs.google.com/javax/lang/model/element/Element.html) |
| --- |
| [accept](http://docs.google.com/javax/lang/model/element/Element.html#accept(javax.lang.model.element.ElementVisitor,%20P)), [asType](http://docs.google.com/javax/lang/model/element/Element.html#asType()), [equals](http://docs.google.com/javax/lang/model/element/Element.html#equals(java.lang.Object)), [getAnnotation](http://docs.google.com/javax/lang/model/element/Element.html#getAnnotation(java.lang.Class)), [getAnnotationMirrors](http://docs.google.com/javax/lang/model/element/Element.html#getAnnotationMirrors()), [getEnclosedElements](http://docs.google.com/javax/lang/model/element/Element.html#getEnclosedElements()), [getEnclosingElement](http://docs.google.com/javax/lang/model/element/Element.html#getEnclosingElement()), [getKind](http://docs.google.com/javax/lang/model/element/Element.html#getKind()), [getModifiers](http://docs.google.com/javax/lang/model/element/Element.html#getModifiers()), [getSimpleName](http://docs.google.com/javax/lang/model/element/Element.html#getSimpleName()), [hashCode](http://docs.google.com/javax/lang/model/element/Element.html#hashCode()) |

| **Method Detail** |
| --- |

### getGenericElement

[Element](http://docs.google.com/javax/lang/model/element/Element.html) **getGenericElement**()

Returns the generic class, interface, method, or constructor that is parameterized by this type parameter.

**Returns:**the generic class, interface, method, or constructor that is parameterized by this type parameter

### getBounds

[List](http://docs.google.com/java/util/List.html)<? extends [TypeMirror](http://docs.google.com/javax/lang/model/type/TypeMirror.html)> **getBounds**()

Returns the bounds of this type parameter. These are the types given by the extends clause used to declare this type parameter. If no explicit extends clause was used, then java.lang.Object is considered to be the sole bound.

**Returns:**the bounds of this type parameter, or an empty list if there are none

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TypeParameterElement.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/javax/lang/model/element/TypeElement.html)   [**NEXT CLASS**](http://docs.google.com/javax/lang/model/element/UnknownAnnotationValueException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/element/TypeParameterElement.html)    [**NO FRAMES**](http://docs.google.com/TypeParameterElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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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