| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/jws/soap/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/lang/model/element/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javax.lang.model

Classes and hierarchies of packages used to model the Java programming language.

**See:**

[**Description**](#3znysh7)

| **Enum Summary** | |
| --- | --- |
| [**SourceVersion**](http://docs.google.com/javax/lang/model/SourceVersion.html) | Source versions of the Java™ programming language. |

## Package javax.lang.model Description

Classes and hierarchies of packages used to model the Java programming language. The members of this package and its subpackages are for use in language modeling and language processing tasks and APIs including, but not limited to, the [annotation processing](http://docs.google.com/javax/annotation/processing/package-summary.html) framework.

This language model follows a *mirror*-based design; see

Gilad Bracha and David Ungar. *Mirrors: Design Principles for Meta-level Facilities of Object-Oriented Programming Languages*. In Proc. of the ACM Conf. on Object-Oriented Programming, Systems, Languages and Applications, October 2004.In particular, the model makes a distinction between static language constructs, like the [element](http://docs.google.com/javax/lang/model/element/package-summary.html) representing java.util.Set, and the family of [types](http://docs.google.com/javax/lang/model/type/package-summary.html) that may be associated with an element, like the raw type java.util.Set, java.util.Set<String>, and java.util.Set<T>.

Unless otherwise specified, methods in this package will throw a NullPointerException if given a null argument.

**Since:** 1.6

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/jws/soap/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/lang/model/element/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/lang/model/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).