| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PSource.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/crypto/spec/PBEParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/crypto/spec/PSource.PSpecified.html) | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/spec/PSource.html)    [**NO FRAMES**](http://docs.google.com/PSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javax.crypto.spec**

Class PSource

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.crypto.spec.PSource**

**Direct Known Subclasses:** [PSource.PSpecified](http://docs.google.com/javax/crypto/spec/PSource.PSpecified.html)

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

This class specifies the source for encoding input P in OAEP Padding, as defined in the [PKCS #1](http://www.ietf.org/rfc/rfc3447.txt) standard.

PKCS1PSourceAlgorithms ALGORITHM-IDENTIFIER ::= {  
 { OID id-pSpecified PARAMETERS OCTET STRING },  
 ... -- Allows for future expansion --  
 }

**Since:** 1.5

| **Nested Class Summary** | |
| --- | --- |
| static class | [**PSource.PSpecified**](http://docs.google.com/javax/crypto/spec/PSource.PSpecified.html)            This class is used to explicitly specify the value for encoding input P in OAEP Padding. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**PSource**](http://docs.google.com/javax/crypto/spec/PSource.html#PSource(java.lang.String))([String](http://docs.google.com/java/lang/String.html) pSrcName)            Constructs a source of the encoding input P for OAEP padding as defined in the PKCS #1 standard using the specified PSource algorithm. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getAlgorithm**](http://docs.google.com/javax/crypto/spec/PSource.html#getAlgorithm())()            Returns the PSource algorithm name. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

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

### PSource

protected **PSource**([String](http://docs.google.com/java/lang/String.html) pSrcName)

Constructs a source of the encoding input P for OAEP padding as defined in the PKCS #1 standard using the specified PSource algorithm.

**Parameters:**pSrcName - the algorithm for the source of the encoding input P. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if pSrcName is null.

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

### getAlgorithm

public [String](http://docs.google.com/java/lang/String.html) **getAlgorithm**()

Returns the PSource algorithm name.

**Returns:**the PSource algorithm name.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PSource.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/crypto/spec/PBEParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/crypto/spec/PSource.PSpecified.html) | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/spec/PSource.html)    [**NO FRAMES**](http://docs.google.com/PSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

[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).