| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PBEKey.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/interfaces/DHPublicKey.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/interfaces/PBEKey.html)    [**NO FRAMES**](http://docs.google.com/PBEKey.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#4d34og8) |

## **javax.crypto.interfaces**

Interface PBEKey

**All Superinterfaces:** [Key](http://docs.google.com/java/security/Key.html), [SecretKey](http://docs.google.com/javax/crypto/SecretKey.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

public interface **PBEKey**extends [SecretKey](http://docs.google.com/javax/crypto/SecretKey.html)

The interface to a PBE key.

**Since:** 1.4 **See Also:**[PBEKeySpec](http://docs.google.com/javax/crypto/spec/PBEKeySpec.html), [SecretKey](http://docs.google.com/javax/crypto/SecretKey.html)

| **Field Summary** | |
| --- | --- |
| static long | [**serialVersionUID**](http://docs.google.com/javax/crypto/interfaces/PBEKey.html#serialVersionUID)            The class fingerprint that is set to indicate serialization compatibility since J2SE 1.4. |

| **Method Summary** | |
| --- | --- |
| int | [**getIterationCount**](http://docs.google.com/javax/crypto/interfaces/PBEKey.html#getIterationCount())()            Returns the iteration count or 0 if not specified. |
| char[] | [**getPassword**](http://docs.google.com/javax/crypto/interfaces/PBEKey.html#getPassword())()            Returns the password. |
| byte[] | [**getSalt**](http://docs.google.com/javax/crypto/interfaces/PBEKey.html#getSalt())()            Returns the salt or null if not specified. |

| **Methods inherited from interface java.security.**[**Key**](http://docs.google.com/java/security/Key.html) |
| --- |
| [getAlgorithm](http://docs.google.com/java/security/Key.html#getAlgorithm()), [getEncoded](http://docs.google.com/java/security/Key.html#getEncoded()), [getFormat](http://docs.google.com/java/security/Key.html#getFormat()) |

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

### serialVersionUID

static final long **serialVersionUID**

The class fingerprint that is set to indicate serialization compatibility since J2SE 1.4.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.crypto.interfaces.PBEKey.serialVersionUID)

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

### getPassword

char[] **getPassword**()

Returns the password.

Note: this method should return a copy of the password. It is the caller's responsibility to zero out the password information after it is no longer needed.

**Returns:**the password.

### getSalt

byte[] **getSalt**()

Returns the salt or null if not specified.

Note: this method should return a copy of the salt. It is the caller's responsibility to zero out the salt information after it is no longer needed.

**Returns:**the salt.

### getIterationCount

int **getIterationCount**()

Returns the iteration count or 0 if not specified.

**Returns:**the iteration count.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/PBEKey.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/interfaces/DHPublicKey.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/interfaces/PBEKey.html)    [**NO FRAMES**](http://docs.google.com/PBEKey.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#4d34og8) |

[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).