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

## **javax.crypto.spec**

Class PBEParameterSpec

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

**All Implemented Interfaces:** [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html)

public class **PBEParameterSpec**extends [Object](http://docs.google.com/java/lang/Object.html)implements [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html)

This class specifies the set of parameters used with password-based encryption (PBE), as defined in the [PKCS #5](http://www.ietf.org/rfc/rfc2898.txt) standard.

**Since:** 1.4

| **Constructor Summary** | |
| --- | --- |
| [**PBEParameterSpec**](http://docs.google.com/javax/crypto/spec/PBEParameterSpec.html#PBEParameterSpec(byte%5B%5D,%20int))(byte[] salt, int iterationCount)            Constructs a parameter set for password-based encryption as defined in the PKCS #5 standard. |

| **Method Summary** | |
| --- | --- |
| int | [**getIterationCount**](http://docs.google.com/javax/crypto/spec/PBEParameterSpec.html#getIterationCount())()            Returns the iteration count. |
| byte[] | [**getSalt**](http://docs.google.com/javax/crypto/spec/PBEParameterSpec.html#getSalt())()            Returns the salt. |

| **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** |
| --- |

### PBEParameterSpec

public **PBEParameterSpec**(byte[] salt,  
 int iterationCount)

Constructs a parameter set for password-based encryption as defined in the PKCS #5 standard.

**Parameters:**salt - the salt. The contents of salt are copied to protect against subsequent modification.iterationCount - the iteration count. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if salt is null.

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

### getSalt

public byte[] **getSalt**()

Returns the salt.

**Returns:**the salt. Returns a new array each time this method is called.

### getIterationCount

public int **getIterationCount**()

Returns the iteration count.

**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/PBEParameterSpec.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/PBEKeySpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/crypto/spec/PSource.html) | [**FRAMES**](http://docs.google.com/index.html?javax/crypto/spec/PBEParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/PBEParameterSpec.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [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.

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