| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/ietf/jgss/Oid.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/ietf/jgss//class-useOid.html)    [**NO FRAMES**](http://docs.google.com/Oid.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**org.ietf.jgss.Oid**

| Packages that use [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | |
| --- | --- |
| [**org.ietf.jgss**](#3znysh7) | This package presents a framework that allows application developers to make use of security services like authentication, data integrity and data confidentiality from a variety of underlying security mechanisms like Kerberos, using a unified API. |

| Uses of [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) | |
| --- | --- |

| Fields in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) declared as [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | |
| --- | --- |
| static [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**NT\_ANONYMOUS**](http://docs.google.com/org/ietf/jgss/GSSName.html#NT_ANONYMOUS)            Name type for representing an anonymous entity. |
| static [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**NT\_EXPORT\_NAME**](http://docs.google.com/org/ietf/jgss/GSSName.html#NT_EXPORT_NAME)            Name type used to indicate an exported name produced by the export method. |
| static [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**NT\_HOSTBASED\_SERVICE**](http://docs.google.com/org/ietf/jgss/GSSName.html#NT_HOSTBASED_SERVICE)            Oid indicating a host-based service name form. |
| static [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**NT\_MACHINE\_UID\_NAME**](http://docs.google.com/org/ietf/jgss/GSSName.html#NT_MACHINE_UID_NAME)            Name type to indicate a numeric user identifier corresponding to a user on a local system. |
| static [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**NT\_STRING\_UID\_NAME**](http://docs.google.com/org/ietf/jgss/GSSName.html#NT_STRING_UID_NAME)            Name type to indicate a string of digits representing the numeric user identifier of a user on a local system. |
| static [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**NT\_USER\_NAME**](http://docs.google.com/org/ietf/jgss/GSSName.html#NT_USER_NAME)            Name type to indicate a named user on a local system. |

| Methods in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) that return [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | |
| --- | --- |
| [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSContext.**[**getMech**](http://docs.google.com/org/ietf/jgss/GSSContext.html#getMech())()            Determines what mechanism is being used for this context. |
| [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] | **GSSCredential.**[**getMechs**](http://docs.google.com/org/ietf/jgss/GSSCredential.html#getMechs())()            Returns a list of mechanisms supported by this credential. |
| abstract  [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] | **GSSManager.**[**getMechs**](http://docs.google.com/org/ietf/jgss/GSSManager.html#getMechs())()            Returns a list of mechanisms that are available to GSS-API callers through this GSSManager. |
| abstract  [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] | **GSSManager.**[**getMechsForName**](http://docs.google.com/org/ietf/jgss/GSSManager.html#getMechsForName(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) nameType)            Returns a list of mechanisms that support the indicated name type. |
| abstract  [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] | **GSSManager.**[**getNamesForMech**](http://docs.google.com/org/ietf/jgss/GSSManager.html#getNamesForMech(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Returns then name types supported by the indicated mechanism. |
| [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | **GSSName.**[**getStringNameType**](http://docs.google.com/org/ietf/jgss/GSSName.html#getStringNameType())()            Returns the name type of the printable representation of this name that can be obtained from the toString method. |

| Methods in [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) with parameters of type [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) | |
| --- | --- |
| void | **GSSCredential.**[**add**](http://docs.google.com/org/ietf/jgss/GSSCredential.html#add(org.ietf.jgss.GSSName,%20int,%20int,%20org.ietf.jgss.Oid,%20int))([GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) name, int initLifetime, int acceptLifetime, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech, int usage)            Adds a mechanism specific credential-element to an existing credential. |
| abstract  void | **GSSManager.**[**addProviderAtEnd**](http://docs.google.com/org/ietf/jgss/GSSManager.html#addProviderAtEnd(java.security.Provider,%20org.ietf.jgss.Oid))([Provider](http://docs.google.com/java/security/Provider.html) p, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            This method is used to indicate to the GSSManager that the application would like a particular provider to be used if no other provider can be found that supports the given mechanism. |
| abstract  void | **GSSManager.**[**addProviderAtFront**](http://docs.google.com/org/ietf/jgss/GSSManager.html#addProviderAtFront(java.security.Provider,%20org.ietf.jgss.Oid))([Provider](http://docs.google.com/java/security/Provider.html) p, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            This method is used to indicate to the GSSManager that the application would like a particular provider to be used ahead of all others when support is desired for the given mechanism. |
| [GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) | **GSSName.**[**canonicalize**](http://docs.google.com/org/ietf/jgss/GSSName.html#canonicalize(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Creates a name that is canonicalized for some mechanism. |
| boolean | **Oid.**[**containedIn**](http://docs.google.com/org/ietf/jgss/Oid.html#containedIn(org.ietf.jgss.Oid%5B%5D))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] oids)            A utility method to test if this Oid value is contained within the supplied Oid array. |
| abstract  [GSSContext](http://docs.google.com/org/ietf/jgss/GSSContext.html) | **GSSManager.**[**createContext**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createContext(org.ietf.jgss.GSSName,%20org.ietf.jgss.Oid,%20org.ietf.jgss.GSSCredential,%20int))([GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) peer, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech, [GSSCredential](http://docs.google.com/org/ietf/jgss/GSSCredential.html) myCred, int lifetime)            Factory method for creating a context on the initiator's side. |
| abstract  [GSSCredential](http://docs.google.com/org/ietf/jgss/GSSCredential.html) | **GSSManager.**[**createCredential**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createCredential(org.ietf.jgss.GSSName,%20int,%20org.ietf.jgss.Oid%5B%5D,%20int))([GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) name, int lifetime, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] mechs, int usage)            Factory method for acquiring credentials over a set of mechanisms. |
| abstract  [GSSCredential](http://docs.google.com/org/ietf/jgss/GSSCredential.html) | **GSSManager.**[**createCredential**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createCredential(org.ietf.jgss.GSSName,%20int,%20org.ietf.jgss.Oid,%20int))([GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) name, int lifetime, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech, int usage)            Factory method for acquiring a single mechanism credential. |
| abstract  [GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) | **GSSManager.**[**createName**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createName(byte%5B%5D,%20org.ietf.jgss.Oid))(byte[] name, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) nameType)            Factory method to convert a byte array containing a name from the specified namespace to a GSSName object. |
| abstract  [GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) | **GSSManager.**[**createName**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createName(byte%5B%5D,%20org.ietf.jgss.Oid,%20org.ietf.jgss.Oid))(byte[] name, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) nameType, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Factory method to convert a byte array containing a name from the specified namespace to a GSSName object and canonicalize it at the same time for a mechanism. |
| abstract  [GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) | **GSSManager.**[**createName**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createName(java.lang.String,%20org.ietf.jgss.Oid))([String](http://docs.google.com/java/lang/String.html) nameStr, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) nameType)            Factory method to convert a string name from the specified namespace to a GSSName object. |
| abstract  [GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) | **GSSManager.**[**createName**](http://docs.google.com/org/ietf/jgss/GSSManager.html#createName(java.lang.String,%20org.ietf.jgss.Oid,%20org.ietf.jgss.Oid))([String](http://docs.google.com/java/lang/String.html) nameStr, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) nameType, [Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Factory method to convert a string name from the specified namespace to a GSSName object and canonicalize it at the same time for a mechanism. |
| abstract  [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] | **GSSManager.**[**getMechsForName**](http://docs.google.com/org/ietf/jgss/GSSManager.html#getMechsForName(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) nameType)            Returns a list of mechanisms that support the indicated name type. |
| [GSSName](http://docs.google.com/org/ietf/jgss/GSSName.html) | **GSSCredential.**[**getName**](http://docs.google.com/org/ietf/jgss/GSSCredential.html#getName(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Retrieves a Mechanism Name of the entity that the credential asserts. |
| abstract  [Oid](http://docs.google.com/org/ietf/jgss/Oid.html)[] | **GSSManager.**[**getNamesForMech**](http://docs.google.com/org/ietf/jgss/GSSManager.html#getNamesForMech(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Returns then name types supported by the indicated mechanism. |
| int | **GSSCredential.**[**getRemainingAcceptLifetime**](http://docs.google.com/org/ietf/jgss/GSSCredential.html#getRemainingAcceptLifetime(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Returns the lifetime in seconds for the credential to remain capable of accepting security contexts using the specified mechanism. |
| int | **GSSCredential.**[**getRemainingInitLifetime**](http://docs.google.com/org/ietf/jgss/GSSCredential.html#getRemainingInitLifetime(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Returns the lifetime in seconds for the credential to remain capable of initiating security contexts using the specified mechanism. |
| int | **GSSCredential.**[**getUsage**](http://docs.google.com/org/ietf/jgss/GSSCredential.html#getUsage(org.ietf.jgss.Oid))([Oid](http://docs.google.com/org/ietf/jgss/Oid.html) mech)            Returns the credential usage mode for a specific mechanism. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/ietf/jgss/Oid.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/ietf/jgss//class-useOid.html)    [**NO FRAMES**](http://docs.google.com/Oid.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.

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