

**NAME**

**gss\_add\_oid\_set\_member** - Add an object identifier to a set

**SYNOPSIS**

```
#include <gssapi/gssapi.h>
```

*OM\_uint32*

```
gss_add_oid_set_member(OM_uint32 *minor_status, const gss_OID member_oid,  
gss_OID_set *oid_set);
```

**DESCRIPTION**

Add an Object Identifier to an Object Identifier set. This routine is intended for use in conjunction with **gss\_create\_empty\_oid\_set()** when constructing a set of mechanism OIDs for input to **gss\_acquire\_cred()**. The *oid\_set* parameter must refer to an OID-set that was created by GSS-API (e.g. a set returned by **gss\_create\_empty\_oid\_set()**.) GSS-API creates a copy of the *member\_oid* and inserts this copy into the set, expanding the storage allocated to the OID-set's elements array if necessary. The routine may add the new member OID anywhere within the elements array, and implementations should verify that the new *member\_oid* is not already contained within the elements array; if the *member\_oid* is already present, the *oid\_set* should remain unchanged.

**PARAMETERS**

*minor\_status* Mechanism specific status code.

*member\_oid* The object identifier to copied into the set.

*oid\_set* The set in which the object identifier should be inserted.

**RETURN VALUES**

GSS\_S\_COMPLETE Successful completion

**SEE ALSO**

**gss\_acquire\_cred(3)**, **gss\_create\_empty\_oid\_set(3)**

**STANDARDS**

RFC 2743 Generic Security Service Application Program Interface Version 2, Update 1

RFC 2744 Generic Security Service API Version 2 : C-bindings

**HISTORY**

The **gss\_add\_oid\_set\_member** function first appeared in FreeBSD 7.0.

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