

**NAME**

**krb5\_creds**, **krb5\_copy\_creds**, **krb5\_copy\_creds\_contents**, **krb5\_free\_creds**, **krb5\_free\_cred\_contents** - Kerberos 5 credential handling functions

**LIBRARY**

Kerberos 5 Library (libkrb5, -lkrb5)

**SYNOPSIS**

```
#include <krb5.h>
```

*krb5\_error\_code*

```
krb5_copy_creds(krb5_context context, const krb5_creds *incred, krb5_creds **outcred);
```

*krb5\_error\_code*

```
krb5_copy_creds_contents(krb5_context context, const krb5_creds *incred, krb5_creds *outcred);
```

*krb5\_error\_code*

```
krb5_free_creds(krb5_context context, krb5_creds *outcred);
```

*krb5\_error\_code*

```
krb5_free_cred_contents(krb5_context context, krb5_creds *cred);
```

**DESCRIPTION**

*krb5\_creds* holds Kerberos credentials:

```
typedef struct krb5_creds {
    krb5_principal  client;
    krb5_principal  server;
    krb5_keyblock   session;
    krb5_times      times;
    krb5_data       ticket;
    krb5_data       second_ticket;
    krb5_authdata   authdata;
    krb5_addresses  addresses;
    krb5_ticket_flags flags;
} krb5_creds;
```

**krb5\_copy\_creds**() makes a copy of *incred* to *outcred*. *outcred* should be freed with **krb5\_free\_creds**() by the caller.

**krb5\_copy\_creds\_contents()** makes a copy of the content of *incred* to *outcreds*. *outcreds* should be freed by the called with **krb5\_free\_creds\_contents()**.

**krb5\_free\_creds()** frees the content of the *cred* structure and the structure itself.

**krb5\_free\_cred\_contents()** frees the content of the *cred* structure.

#### SEE ALSO

krb5(3), krb5\_compare\_creds(3), krb5\_get\_init\_creds(3), kerberos(8)