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_flagsflags;
} 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)