

NAME

krb5_ccache_intro - The credential cache functions

Kerberos credential caches

krb5_ccache structure holds a Kerberos credential cache.

Heimdal support the follow types of credential caches:

- ⊕ SCC Store the credential in a database
- ⊕ FILE Store the credential in memory
- ⊕ MEMORY Store the credential in memory
- ⊕ API A credential cache server based solution for Mac OS X
- ⊕ KCM A credential cache server based solution for all platforms

Example

This is a minimalistic version of klist:

```
#include <krb5.h>

int
main (int argc, char **argv)
{
    krb5_context context;
    krb5_cc_cursor cursor;
    krb5_error_code ret;
    krb5_ccache id;
    krb5_creds creds;

    if (krb5_init_context (&context) != 0)
        errx(1, 'krb5_context');

    ret = krb5_cc_default (context, &id);
    if (ret)
        krb5_err(context, 1, ret, 'krb5_cc_default');

    ret = krb5_cc_start_seq_get(context, id, &cursor);
```

```
if (ret)
    krb5_err(context, 1, ret, 'krb5_cc_start_seq_get');

while((ret = krb5_cc_next_cred(context, id, &cursor, &creds) == 0){
    char *principal;

    krb5_unparse_name(context, creds.server, &principal);
    printf('principal: %s\n', principal);
    free(principal);
    krb5_free_cred_contents (context, &creds);
}
ret = krb5_cc_end_seq_get(context, id, &cursor);
if (ret)
    krb5_err(context, 1, ret, 'krb5_cc_end_seq_get');

krb5_cc_close(context, id);

krb5_free_context(context);
return 0;
}
```