

NAME

krb5_rd_error, **krb5_free_error**, **krb5_free_error_contents**, **krb5_error_from_rd_error** - parse, free and read error from KRB-ERROR message

LIBRARY

Kerberos 5 Library (libkrb5, -lkrb5)

SYNOPSIS

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

```
krb5_error_code
```

```
krb5_rd_error(krb5_context context, const krb5_data *msg, KRB_ERROR *result);
```

```
void
```

```
krb5_free_error(krb5_context context, krb5_error *error);
```

```
void
```

```
krb5_free_error_contents(krb5_context context, krb5_error *error);
```

```
krb5_error_code
```

```
krb5_error_from_rd_error(krb5_context context, const krb5_error *error, const krb5_creds *creds);
```

DESCRIPTION

Usually applications never needs to parse and understand Kerberos error messages since higher level functions will parse and push up the error in the `krb5_context`. These functions are described for completeness.

krb5_rd_error() parses and returns the kerberos error message, the structure should be freed with **krb5_free_error_contents()** when the caller is done with the structure.

krb5_free_error() frees the content and the memory region holding the structure itself.

krb5_free_error_contents() free the content of the KRB-ERROR message.

krb5_error_from_rd_error() will parse the error message and set the error buffer in `krb5_context` to the error string passed back or the matching error code in the KRB-ERROR message. Caller should pick up the message with **krb5_get_error_string(3)** (don't forget to free the returned string with **krb5_free_error_string()**).

SEE ALSO

krb5(3), krb5_set_error_string(3), krb5_get_error_string(3), krb5.conf(5)