

**NAME**

Heimdal Kerberos 5 error reporting functions -

**Functions**

**KRB5\_LIB\_FUNCTION** *krb5\_error\_code* **KRB5\_LIB\_CALL** **krb5\_eai\_to\_heim\_errno** (*int* eai\_errno, *int* system\_error)

**KRB5\_LIB\_FUNCTION** *krb5\_error\_code* **KRB5\_LIB\_CALL** **krb5\_h\_errno\_to\_heim\_errno** (*int* eai\_errno)

**KRB5\_LIB\_FUNCTION** *void* **KRB5\_LIB\_CALL** **krb5\_clear\_error\_message** (*krb5\_context* context)

**KRB5\_LIB\_FUNCTION** *void* **KRB5\_LIB\_CALL** **krb5\_set\_error\_message** (*krb5\_context* context, *krb5\_error\_code* ret, *const char* \*fmt,...) **\_\_attribute\_\_((format(printf**

**KRB5\_LIB\_FUNCTION** *krb5\_error\_code* **KRB5\_LIB\_CALL** **krb5\_vwarn** (*krb5\_context* context, *krb5\_error\_code* code, *const char* \*fmt, *va\_list* ap) **\_\_attribute\_\_((format(printf**

**Detailed Description****Function Documentation**

**KRB5\_LIB\_FUNCTION** *void* **KRB5\_LIB\_CALL** **krb5\_clear\_error\_message** (*krb5\_context* context)

Clears the error message from the Kerberos 5 context.

**Parameters:**

*context* The Kerberos 5 context to clear

**KRB5\_LIB\_FUNCTION** *krb5\_error\_code* **KRB5\_LIB\_CALL** **krb5\_eai\_to\_heim\_errno** (*int* eai\_errno, *int* system\_error)

Convert the getaddrinfo() error code to a Kerberos et error code.

**Parameters:**

*eai\_errno* contains the error code from getaddrinfo().

*system\_error* should have the value of errno after the failed getaddrinfo().

**Returns:**

Kerberos error code representing the EAI errors.

**KRB5\_LIB\_FUNCTION** *krb5\_error\_code* **KRB5\_LIB\_CALL** **krb5\_h\_errno\_to\_heim\_errno** (*int* eai\_errno)

Convert the gethostname() error code (h\_error) to a Kerberos et error code.

**Parameters:**

*eai\_errno* contains the error code from gethostname().

**Returns:**

Kerberos error code representing the gethostname errors.

**KRB5\_LIB\_FUNCTION void KRB5\_LIB\_CALL krb5\_set\_error\_message (krb5\_context context, krb5\_error\_code ret, const char \* fmt, ...)**

Set the context full error string for a specific error code. The error that is stored should be internationalized.

The if context is NULL, no error string is stored.

**Parameters:**

*context* Kerberos 5 context

*ret* The error code

*fmt* Error string for the error code

... printf(3) style parameters.

**KRB5\_LIB\_FUNCTION krb5\_error\_code KRB5\_LIB\_CALL krb5\_vwarn (krb5\_context context, krb5\_error\_code code, const char \* fmt, va\_list ap)**

Log a warning to the log, default stderr, include the error from the last failure.

**Parameters:**

*context* A Kerberos 5 context.

*code* error code of the last error

*fmt* message to print

*ap* arguments