

**NAME**

hx509 error functions -

**Functions**

```
void hx509_clear_error_string (hx509_context context)
void hx509_set_error_stringv (hx509_context context, int flags, int code, const char *fmt, va_list ap)
void hx509_set_error_string (hx509_context context, int flags, int code, const char *fmt,...)
char * hx509_get_error_string (hx509_context context, int error_code)
void hx509_free_error_string (char *str)
void hx509_err (hx509_context context, int exit_code, int error_code, const char *fmt,...)
```

**Detailed Description**

See the **Hx509 error reporting functions** for description and examples.

**Function Documentation**

**void hx509\_clear\_error\_string (hx509\_context context)**

Resets the error strings the hx509 context.

**Parameters:**

*context* A hx509 context.

**void hx509\_err (hx509\_context context, int exit\_code, int error\_code, const char \* fmt, ...)**

Print error message and fatally exit from error code

**Parameters:**

*context* A hx509 context.

*exit\_code* exit() code from process.

*error\_code* Error code for the reason to exit.

*fmt* format string with the exit message.

... argument to format string.

**void hx509\_free\_error\_string (char \* str)**

Free error string returned by **hx509\_get\_error\_string()**.

**Parameters:**

*str* error string to free.

**char\* hx509\_get\_error\_string (hx509\_context context, int error\_code)**

Get an error string from context associated with error\_code.

**Parameters:**

*context* A hx509 context.

*error\_code* Get error message for this error code.

**Returns:**

error string, free with **hx509\_free\_error\_string()**.

**void hx509\_set\_error\_string (hx509\_context context, int flags, int code, const char \* fmt, ...)**

See **hx509\_set\_error\_stringv()**.

**Parameters:**

*context* A hx509 context.

*flags*

⊕ HX509\_ERROR\_APPEND appends the error string to the old messages (code is updated).

*code* error code related to error message

*fmt* error message format

... arguments to error message format

**void hx509\_set\_error\_stringv (hx509\_context context, int flags, int code, const char \* fmt, va\_list ap)**

Add an error message to the hx509 context.

**Parameters:**

*context* A hx509 context.

*flags*

⊕ HX509\_ERROR\_APPEND appends the error string to the old messages (code is updated).

*code* error code related to error message

*fmt* error message format

*ap* arguments to error message format