

**NAME**

hx509 environment functions -

**Functions**

int **hx509\_env\_add** (hx509\_context context, hx509\_env \*env, const char \*key, const char \*value)  
int **hx509\_env\_add\_binding** (hx509\_context context, hx509\_env \*env, const char \*key, hx509\_env list)  
const char \* **hx509\_env\_lfind** (hx509\_context context, hx509\_env env, const char \*key, size\_t len)  
const char \* **hx509\_env\_find** (hx509\_context context, hx509\_env env, const char \*key)  
hx509\_env **hx509\_env\_find\_binding** (hx509\_context context, hx509\_env env, const char \*key)  
void **hx509\_env\_free** (hx509\_env \*env)

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

**int hx509\_env\_add (hx509\_context context, hx509\_env \* env, const char \* key, const char \* value)**

Add a new key/value pair to the hx509\_env.

**Parameters:**

*context* A hx509 context.  
*env* environment to add the environment variable too.  
*key* key to add  
*value* value to add

**Returns:**

An hx509 error code, see **hx509\_get\_error\_string()**.

**int hx509\_env\_add\_binding (hx509\_context context, hx509\_env \* env, const char \* key, hx509\_env list)**

Add a new key/binding pair to the hx509\_env.

**Parameters:**

*context* A hx509 context.  
*env* environment to add the environment variable too.  
*key* key to add  
*list* binding list to add

**Returns:**

An hx509 error code, see **hx509\_get\_error\_string()**.

**const char\* hx509\_env\_find (hx509\_context context, hx509\_env env, const char \* key)**

Search the hx509\_env for a key.

**Parameters:**

*context* A hx509 context.  
*env* environment to add the environment variable too.  
*key* key to search for.

**Returns:**

the value if the key is found, NULL otherwise.

**hx509\_env hx509\_env\_find\_binding (hx509\_context context, hx509\_env env, const char \* key)**

Search the hx509\_env for a binding.

**Parameters:**

*context* A hx509 context.  
*env* environment to add the environment variable too.  
*key* key to search for.

**Returns:**

the binding if the key is found, NULL if not found.

**void hx509\_env\_free (hx509\_env \* env)**

Free an hx509\_env environment context.

**Parameters:**

*env* the environment to free.

**const char\* hx509\_env\_lfind (hx509\_context context, hx509\_env env, const char \* key, size\_t len)**

Search the hx509\_env for a length based key.

**Parameters:**

*context* A hx509 context.  
*env* environment to add the environment variable too.  
*key* key to search for.  
*len* length of key.

**Returns:**

the value if the key is found, NULL otherwise.