NAME
XSaveContext, XFindContext, XDeleteContext, XUniqueContext - associative look-up routines

SYNTAX
int XSaveContext(Display *display*, XID *rid*, XContext *context*, _Xconst char *data*);

int XFindContext(Display *display*, XID *rid*, XContext *context*, XPointer *data_return*);

int XDeleteContext(Display *display*, XID *rid*, XContext *context*);

XContext XUniqueContext(void);

ARGUMENTS
context   Specifies the context type to which the data belongs.

data   Specifies the data to be associated with the window and type.

data_return   Returns the data.

display   Specifies the connection to the X server.

rid   Specifies the resource ID with which the data is associated.

DESCRIPTION
If an entry with the specified resource ID and type already exists, **XSaveContext** overrides it with the specified context. The **XSaveContext** function returns a nonzero error code if an error has occurred and zero otherwise. Possible errors are **XCNOMEM** (out of memory).

Because it is a return value, the data is a pointer. The **XFindContext** function returns a nonzero error code if an error has occurred and zero otherwise. Possible errors are **XCNOENT** (context-not-found).

The **XDeleteContext** function deletes the entry for the given resource ID and type from the data structure. This function returns the same error codes that **XFindContext** returns if called with the same arguments. **XDeleteContext** does not free the data whose address was saved.

The **XUniqueContext** function creates a unique context type that may be used in subsequent calls to **XSaveContext**.

SEE ALSO
Xlib - C Language X Interface