NAME
XkbGetKeySyms - Obtain the symbols for a subset of the keys in a keyboard description

SYNOPSIS
Status XkbGetKeySyms (Display **dpy***, unsigned int** *first***, unsigned int** *num***, XkbDescPtr** *xkb***);**

ARGUMENTS
dpy connection to X server

first
    keycode of first key to get

num
    number of keycodes for which syms desired

xkb Xkb description to be updated

DESCRIPTION
XkbGetKeySyms sends a request to the server to obtain the set of keysyms bound to *num* keys starting with the key whose keycode is *first.* It waits for a reply and returns the keysyms in the *map.syms* field of *xkb.* If successful, *XkbGetKeySyms* returns Success. The *xkb* parameter must be a pointer to a valid Xkb keyboard description.

If the client *map* in the xkb parameter has not been allocated, *XkbGetKeySyms* allocates and initializes it before obtaining the symbols.

If a compatible version of Xkb is not available in the server or the Xkb extension has not been properly initialized, *XkbGetKeySyms* returns BadAccess. If *num* is less than 1 or greater than XkbMaxKeyCount, *XkbGetKeySyms* returns BadValue. If any allocation errors occur, *XkbGetKeySyms* returns BadAlloc.

RETURN VALUES
Success   The *XkbGetKeySyms* function returns Success if it gets a reply to a request to the server to obtain the set of keysyms bound to *num* keys starting with the key whose keycode is *first.*

DIAGNOSTICS
BadAccess   The Xkb extension has not been properly initialized

BadAlloc   Unable to allocate storage

BadValue   An argument is out of range