

**NAME**

XkbGetKeyActions - Update the actions (the `key_acts` array) for a subset of the keys in a keyboard description

**SYNOPSIS**

**Status** XkbGetKeyActions (**Display** *\*dpy*, **unsigned int** *first*, **unsigned int** *num*, **XkbDescPtr** *xkb*);

**ARGUMENTS**

*dpy* connection to X server

*first*

keycode of first key of interest

*num*

number of keys desired

*xkb* pointer to keyboard description where result is stored

**DESCRIPTION**

*XkbGetKeyActions* sends a request to the server to obtain the actions for *num* keys on the keyboard starting with key *first*. It waits for a reply and returns the actions in the *server->key\_acts* field of *xkb*. If successful, *XkbGetKeyActions* returns Success. The *xkb* parameter must be a pointer to a valid Xkb keyboard description.

If the *server* map, in the *xkb* parameter, has not been allocated, *XkbGetKeyActions* allocates and initializes it before obtaining the actions.

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

**DIAGNOSTICS**

**BadAccess**        The Xkb extension has not been properly initialized

**BadAlloc**        Unable to allocate storage

**BadValue**        An argument is out of range