

NAME

XkbAllocGeomKeyAliases - Allocate geometry key aliases

SYNOPSIS

Status XkbAllocGeomKeyAliases (XkbGeometryPtr *geom*, int *num_needed*);

ARGUMENTS

geom

geometry for which key aliases should be allocated

num_needed

number of new key aliases required

DESCRIPTION

Xkb provides a number of functions to allocate and free subcomponents of a keyboard geometry. Use these functions to create or modify keyboard geometries. Note that these functions merely allocate space for the new element(s), and it is up to you to fill in the values explicitly in your code. These allocation functions increase *sz_** but never touch *num_** (unless there is an allocation failure, in which case they reset both *sz_** and *num_** to zero). These functions return Success if they succeed, BadAlloc if they are not able to allocate space, or BadValue if a parameter is not as expected.

XkbAllocGeomKeyAliases allocates space for *num_needed* key aliases and adds them to the specified geometry *geom*. A key alias is a pair of strings that associates an alternate name for a key with the real name for that key.

To free geometry key aliases, use *XkbFreeGeomKeyAliases*.

DIAGNOSTICS

BadAlloc Unable to allocate storage

BadValue An argument is out of range

SEE ALSO

XkbFreeGeomKeyAliases(3)