

NAME

XkbGetIndicatorMap - Gets the map for one or more indicators, using a mask to specify the indicators

SYNOPSIS

Status XkbGetIndicatorMap (Display **dpy*, unsigned int *which*, XkbDescPtr *desc*);

ARGUMENTS

dpy connection to the X server

which

mask of indicators for which maps should be returned

desc

keyboard description to be updated

DESCRIPTION

Xkb allows applications to obtain information about indicators using two different methods. The first method, which is similar to the core X implementation, uses a mask to specify the indicators. The second method, which is more suitable for applications concerned with interoperability, uses indicator names. The correspondence between the indicator name and the bit position in masks is as follows: one of the parameters returned from *XkbGetNamedIndicators* is an index that is the bit position to use in any function call that requires a mask of indicator bits, as well as the indicator's index into the XkbIndicatorRec array of indicator maps.

XkbGetIndicatorMap obtains the maps from the server for only those indicators specified by the *which* mask and copies the values into the keyboard description specified by *desc*. If the *indicators* field of the *desc* parameter is NULL, *XkbGetIndicatorMap* allocates and initializes it.

To free the indicator maps, use *XkbFreeIndicatorMaps*.

DIAGNOSTICS

BadAlloc Unable to allocate storage

BadMatch A compatible version of Xkb was not available in the server or an argument has correct type and range, but is otherwise invalid

BadImplementation
Invalid reply from server

SEE ALSO**XkbFreeIndicatorMaps(3), XkbGetNamedIndicators(3)**