NAME
     XChangePointerControl, XGetPointerControl - control pointer

SYNTAX
     int XChangePointerControl(Display *_display_, Bool _do_accel_, Bool _do_threshold_, int _accel_numerator_,
          int _accel_denominator_, int _threshold_);

     int XGetPointerControl(Display *_display_, int *_accel_numerator_return_, int *_accel_denominator_return_,
          int *_threshold_return_);

ARGUMENTS
     _accel_denominator_
                         Specifies the denominator for the acceleration multiplier.

     _accel_denominator_return_
                         Returns the denominator for the acceleration multiplier.

     _accel_numerator_
                         Specifies the numerator for the acceleration multiplier.

     _accel_numerator_return_
                         Returns the numerator for the acceleration multiplier.

     display   Specifies the connection to the X server.

     _do_accel_   Specifies a Boolean value that controls whether the values for the accel_numerator or
                         accel_denominator are used.

     _do_threshold_   Specifies a Boolean value that controls whether the value for the threshold is used.

     threshold   Specifies the acceleration threshold.

     _threshold_return_
                         Returns the acceleration threshold.

DESCRIPTION
     The **XChangePointerControl** function defines how the pointing device moves. The acceleration,
     expressed as a fraction, is a multiplier for movement. For example, specifying 3/1 means the pointer
     moves three times as fast as normal. The fraction may be rounded arbitrarily by the X server.
     Acceleration only takes effect if the pointer moves more than threshold pixels at once and only applies

to the amount beyond the value in the threshold argument. Setting a value to -1 restores the default.
The values of the do_accel and do_threshold arguments must be **True** for the pointer values to be set, or
the parameters are unchanged. Negative values (other than -1) generate a **BadValue** error, as does a
zero value for the accel_denominator argument.

XChangePointerControl can generate a **BadValue** error.

The **XGetPointerControl** function returns the pointer's current acceleration multiplier and acceleration
threshold.

DIAGNOSTICS

BadValue   Some numeric value falls outside the range of values accepted by the request. Unless a
                 specific range is specified for an argument, the full range defined by the argument's
                 type is accepted. Any argument defined as a set of alternatives can generate this error.

SEE ALSO

Xlib - C Language X Interface