NAME

X11::Protocol::Ext::SHAPE – Perl module for the X11 Protocol Nonrectangular Window Shape Extension

SYNOPSIS

```
use X11::Protocol;
$x = X11::Protocol->new($ENV{'DISPLAY'});
$x->init_extension('SHAPE') or die;
```

DESCRIPTION

This module is used by the X11::Protocol module to participate in the shaped window extension to the X protocol, allowing windows to be of any shape, not just rectangles.

SYMBOLIC CONSTANTS

This extension adds the constant types 'ShapeKind' and 'ShapeOp', with values as defined in the standard.

EVENTS

This extension adds the event type 'ShapeNotify', with values as specified in the standard. This event is selected using the *ShapeSelectInput()* request.

REQUESTS

This extension adds several requests, called as shown below:

```
$x->ShapeQueryVersion
=>
($major, $minor)

$x->ShapeRectangles($dest, $destKind, $op, $xOff, $yOff,
                    $ordering, @rectangles)

$x->ShapeMask($dest, $destKind, $op, $xOff, $yOff, $source)

$x->ShapeCombine($dest, $destKind, $op, $xOff, $yOff, $source,
                 $sourceKind)

$x->ShapeOffset($dest, $destKind, $xOff, $yOff)

$x->ShapeQueryExtents($dest)
=>
($boundingShaped, $clipShaped,
 ($xBoundingShape, $yBoundingShape,
  $widthBoundingShape, $heightBoundingShape)
 ($xClipShape, $yClipShape, $widthClipShape, $heightClipShape))

$x->ShapeSelectInput($window, $enable)

$x->ShapeInputSelected($window)
=>
$enable

$x->ShapeGetRectangles($window, $kind)
=>
($ordering, [$x, $y, $width, $height], ...)
```

AUTHOR

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SEE ALSO

perl (1), X11::Protocol, *Nonrectangular Window Shape Extension (X Consortium Standard)*.