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)*.