XTEST Extension Protocol

X Consortium Standard

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XTEST Extension Protocol: X Consortium Standard

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Table of Contents

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Chapter 1. Overview

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Chapter 2. Description

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Chapter 3. Types

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68 4J4 4;+J+<&4 K KeyPress" KeyRelease" MotionNotify" ButtonPress" But-
tonRelease L

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Chapter 4. Client Operations

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XTestSetGContextOfGC

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XTestSetVisualIDOfVisual

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XTestDiscard

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MN
2 >55

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Chapter 5. Server Requests

XTestGetVersion

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2 89 C

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) = 2 89 C

4 2 Length

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* '* + !'% ! % 1) (./" %)
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XTestCompareCursor

2 7:; 57

2 9 59 CurrentCursor None

MN

% 2 >55

4 2 Window" Length" Cursor

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XTestFakeInput

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4 2 Window" Length" Alloc" Value

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68 4J4 4;+J+<&4 5 * ** ( ) *! " ! ! 68 4J4 4;+"
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+ % KeyPress" KeyRelease" Motion-
Notify" ButtonPress" ButtonRelease" *
Value "

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XTestGrabControl

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Chapter 6. Encoding

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New Types

```
FAKE_EVENT_TYPE
     2     KeyPress
     3     KeyRelease
     4     ButtonPress
     5     ButtonRelease
     6     MotionNotify
```

;5+4))* ! ! % ' !
' '*)

Requests

```
XTestGetVersion
     1     CARD8               opcode
     1     0                   xtest opcode
     2     2                   request length
     1     CARD8               client major version
     1                         unused
     2     CARD16              client minor version
=>
     1     1                   Reply
     1     CARD8               server major version
     2     CARD16              sequence number
     4     0                   reply length
     2     CARD16              server minor version
     22                        unused


XTestCompareCursor
     1     CARD8               opcode
     1     1                   xtest opcode
     2     3                   request length
     4     WINDOW              window
     4     CURSOR              cursor-id
           0     None
           1     CurrentCursor
=>
     1     1                   Reply
     1     BOOL                cursors are the same
     2     CARD16              sequence number
     4     0                   reply length
```

```
     24                        unused


XTestFakeInput
     1     CARD8               opcode
     1     2                   xtest opcode
     2     1+(1*8)             request length
     1     FAKE_EVENT_TYPE     fake device event type
     1     BYTE                detail: button or keycode
     2                         unused
     4     TIME                delay (milliseconds)
           0     CurrentTime
     4     WINDOW              root window for MotionNotify
           0     None
     8                         unused
     2     INT16               x position for MotionNotify
     2     INT16               y position for MotionNotify
     8                         unused


XTestGrabControl
     1     CARD8               opcode
     1     3                   xtest opcode
     2     2                   request length
     1     BOOL                impervious
     3                         unused
```

Chapter 7. References

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" P *

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P