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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S

8: 6L6 6>- G 4 8: 6L6 6>-L-?)6

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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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. 7>>6 -;7>. & - $ $ & `True` " + (E$
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Chapter 5. Server Requests

XTestGetVersion

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4 : F

OP

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6 4 Length

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XTestCompareCursor

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4 !7 CurrentCursor None

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6 4 Window Length Cursor

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XTestFakeInput

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6 4 Window Length Alloc Value

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8: 6L6 6>-L-?)6 7 " + , " & & " & 8: 6L6 6>-
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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

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

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* * ,

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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