XTEST Extension Protocol

X Consortium Standard

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XTEST Extension Protocol: X Consortium Standard

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Chapter 1. Overview

[illegible]

[illegible]

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Chapter 2. Description

[illegible]

[illegible]

[illegible] GCC [illegible] Visual [illegible]

[illegible]

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[illegible]

[illegible]

Chapter 3. Types

-"+$&E$&,&"E*4

8:6L66>-L-?)6M `KeyPress``KeyRelease``MotionNotify``ButtonPress``ButtonRelease`N

S

8:6L66>-	G48:6L66>-L-?)6
S	&4A?-6
S	(4-;@6
S	49;>79
S	?4;>-FI

!7M `CurrentCursor``None`N*$&"&)*

Chapter 4. Client Operations

[illegible]

`XTestSetGContextOfGC`

[illegible]

[illegible]

`XTestSetVisualIDOfVisual`

[illegible]

[illegible]

`XTestDiscard`

[illegible]

OP

[illegible]

[illegible] `True` [illegible] `False` [illegible]

Chapter 5. Server Requests

`XTestGetVersion`

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] `Length`

[illegible]

`XTestCompareCursor`

[illegible]

[illegible] `CurrentCursor` [illegible] `None`

[illegible]

[illegible]

[illegible] `Window` [illegible] `Length` [illegible] `Cursor`

[illegible] `None` [illegible]

`XTestFakeInput`

[illegible]

[illegible] `Window` [illegible] `Length` [illegible] `Alloc` [illegible] `Value`

[illegible]

[illegible] `KeyPress` [illegible] `KeyRelease` [illegible] `Motion-Notify` [illegible] `ButtonPress` [illegible] `ButtonRelease` [illegible] `Value` [illegible]

[illegible] `Value` [illegible] `SetPointerMapping` [illegible]

[illegible] `Value` [illegible] `True` [illegible] `False` [illegible]

[illegible] `CurrentTime` [illegible]

[illegible] `None` [illegible] `Window` [illegible]

[illegible]

[illegible]

[illegible] `BadLength` [illegible]

XTestGrabControl

[illegible]

[illegible] `True` [illegible] `False` [illegible]

Chapter 6. Encoding

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New Types

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

>7-6□□□□□□□□□□□□□□,□□,□□$□□□□□□□□&□"□□□□&□□□□□□□□□□□□□□□□(□□□□□□□□□□□□□"□□□□□□□*□□□□□□□□□□&□ □□□□□*□□□□□□□□□□□*□□□□□,□□□□□□□□□□□□

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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