Extended Visual Information Extension

X Project Team Standard

Peter Daifuku, Silicon Graphics, Inc.

Extended Visual Information Extension: X Project Team Standard

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Table of Contents

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Chapter 1. Introduction

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Chapter 2. Goals

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Chapter 3. Requests

`GetVersion`

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0 5 "

GH

0 5 "

0 5 "

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`GetVisualInfo`

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Chapter 4. Events and Errors

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Chapter 5. Changes to existing protocol.

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Chapter 6. Encoding

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GetVersion
     1     CARD8              opcode
     1     0                  EVI opcode
     2     2                  request length
     2     CARD16             client_major_version
     2     CARD16             client_minor_version
=>
     1     1                  reply
     1                        unused
     2     CARD16             sequence number
     4     0                  length
     2     CARD16             server_major_version
     2     CARD16             server_minor_version
     20                       unused


GetVisualInfo
     1     CARD8              opcode
     1     1                  EVI opcode
     2     2+n                request length
     4     CARD32             n_visual
     4n    CARD32             visual_ids
=>
     1     1                  reply
     1                        unused
     2     CARD16             sequence number
     4     n                  length
     4     CARD32             n_info
     4     CARD32             n_conflicts
     16                       unused
     16n   LISTofVISUALINFO    items


VISUALINFO
     4     VisualID           core_visual_id
     1     INT8               screen
     1     INT8               level
     1     CARD8              transparency_type
     1     CARD8              unused
     4     CARD32             transparency_value
     1     CARD8              min_hw_colormaps
     1     CARD8              max_hw_colormaps
     2     CARD16             num_colormap_conflicts
```

Chapter 7. C Language Binding

$) . (( )))) ((((('
) 3)' ( ))
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5) . , * A)) (A

$) (@ 0 < X11/extensions/XEVI.h>

Bool **XeviQueryVersion**(*display, *major_version_return, *minor_version_return);

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A : .) ') ( ) 6) .
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int **XeviGetVisualInfo**(*display, *visual, n_visual, **evi_return, *n_info_return);

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