Extended Visual Information Extension

X Project Team Standard

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Extended Visual Information Extension: X Project Team Standard

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Chapter 2. Goals

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Chapter 3. Requests

`GetVersion`

[illegible]

[illegible]

EF

[illegible]

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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

[illegible]

[illegible]

```
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

`<X11/extensions/XEVI.h>`

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

```
int XeviGetVisualInfo( *display, *visual, n_visual, **evi_return,
*n_info_return);
```