

**NAME**

XvGetPortAttribute – return current port attribute value

**SYNOPSIS**

```
#include <X11/extensions/Xvlib.h>
```

```
int XvGetPortAttribute(Display *dpy, XvPortID port,
                      Atom attribute, int p_value);
```

**ARGUMENTS**

*dpy* Specifies the connection to the X server.

*port* Specifies the port, associated with the given display, for which the attribute values are to be returned.

*attribute* An atom that identifies the attribute to be queried by this request. Control atoms are obtained using the XInternAtom request with a string from the following table.

*p\_value* Pointer to the location where the attribute value is written on return.

**DESCRIPTION**

**XvGetPortAttribute(3)** returns the current value of the requested port attribute in the integer pointed to by *p\_value*. The attribute is identified using an Atom that equates to the attribute name. The XInternAtom request can be used with one of the strings below to return a matching Atom.

Attribute String	Type	Default
"XV_ENCODING"	XvEncodingID	Server dependent
"XV_HUE"	[-1000...1000]	0
"XV_SATURATION"	[-1000...1000]	0
"XV_BRIGHTNESS"	[-1000...1000]	0
"XV_CONTRAST"	[-1000...1000]	0

**RETURN VALUES**

[Success]  
Returned if **XvGetPortAttribute(3)** completed successfully.

[XvBadExtension]  
Returned if the Xv extension is unavailable.

[XvBadAlloc]  
Returned if **XvGetPortAttribute(3)** failed to allocate memory to process the request.

**DIAGNOSTICS**

[XvBadPort]  
Generated if the requested port does not exist.

[BadMatch]  
Generated if the requested attribute atom does not specify an attribute supported by the adaptor.

**SEE ALSO**

**XvSetPortAttribute(3)**, **XvPortNotify(3)**