NAME
XvQueryPortAttributes - return list of attributes of a video port

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

XvAttribute* XvQueryPortAttributes(Display *dpy**,**
    XvPortID port**, int ***p_num_attributes**);**

ARGUMENTS
dpy   Specifies the connection to the X server.

port   Specifies the port whose adaptor is to be queried for its list of attributes.

p_num_attributes
        A pointer to where the number of attributes returned in the array is written.

DESCRIPTION
XvQueryPortAttributes(3)**returns**the**number**of**attributes** and an array of XvAttributes valid for the given
port. The array may be freed with **XFree**(3).

RETURN VALUES
XvAttribute has the following structure:

    typedef struct {
     int flags;
     int min_value;
     int max_value;
     char *name;
    } XvAttribute;

flags   May be XvGettable or XvSettable or both OR'd together indicating the particular attribute is
        readable, writeable or readable and writeable.

min_value
        The minimum attribute values which are valid for the driver.

        The maximum attribute values which are valid for the driver.

name   A string describing the name of the attribute that may be used to retrieve the Atom for the particular attribute.

DIAGNOSTICS

[XvBadPort]

Generated if the requested port does not exist.

SEE ALSO

XvGetPortAttribute(3), **XvSetPortAttribute**(3)