XtConvert, XtDirectConvert − invoke resource converters

void XtConvert(w**,** *from_type***,** *from***,** *to_type***,** *to_return***)**
   Widget *w***;**
   String *from_type***;**
   XrmValuePtr *from***;**
   String *to_type***;**
   XrmValuePtr *to_return***;**
void XtDirectConvert(*converter*, *args*, *num_args*, *from*, *to_return*)
   XtConverter *converter*;
   XrmValuePtr *args*;
   Cardinal *num_args*;
   XrmValuePtr *from*;
   XrmValuePtr *to_return*;

args	Specifies the argument list that contains the additional arguments needed to perform the conversion (often NULL).
converter	Specifies the conversion procedure that is to be called.
from	Specifies the value to be converted.
from_type	Specifies the source type.
num_args	Specifies the number of additional arguments (often zero).
to_type	Specifies the destination type.
to_return	Returns the converted value.
w	Specifies the widget to use for additional arguments (if any are needed).

The XtConvert function looks up the type converter registered to convert from_type to to_type, computes any additional arguments needed, and then calls **XtDirectConvert**. **XtConvert** has been replaced by **XtConvertAndStore**.

The **XtDirectConvert** function looks in the converter cache to see if this conversion procedure has been called with the specified arguments. If so, it returns a descriptor for information stored in the cache; otherwise, it calls the converter and enters the result in the cache.

Before calling the specified converter, **XtDirectConvert** sets the return value size to zero and the return value address to NULL. To determine if the conversion was successful, the client should check to_return.address for non-NULL. **XtDirectConvert** has been replaced by **XtCallConverter**.

XtAppAddConverter(3Xt), XtStringConversionWarning(3Xt), XtConvertAndStore(3Xt), XtCallConverter(3Xt)
X Toolkit Intrinsics − C Language Interface
Xlib − C Language X Interface