NAME

 XtConvert, XtDirectConvert – invoke resource converters

SYNTAX

 #include <X11/Intrinsic.h>

 void XtConvert(Widget *w*, const char **from_type*, XrmValuePtr *from*, const char **to_type*, XrmValuePtr
  to_return);

 void XtDirectConvert(XtConverter *converter*, XrmValuePtr *args*, Cardinal *num_args*, XrmValuePtr *from*,
  XrmValuePtr *to_return*);

ARGUMENTS

 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).

DESCRIPTION

 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 **XtConvert** has been replaced by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; other-
 wise, 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_re-
 turn.address for non-NULL. **XtDirectConvert** has been replaced by **XtCallConverter**.

SEE ALSO

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