



Linux Ubuntu 26.04 Manual Pages on command 'XtConvert.3'

\$ man XtConvert.3

XtConvert(3) XT COMPATIBILITY FUNCTIONS XtConvert(3)

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, Xrm?
ValuePtr 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 per?
form 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 `XtConvert` has been replaced by `XtConvertAndStore`.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; 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 `XtDirectConvert` has been replaced by `XtCallConverter`.

SEE ALSO

`XtAppAddConverter(3)`, `XtStringConversionWarning(3)`, `XtConvertAndStore(3)`, `XtCallConverter(3)`

X Toolkit Intrinsic - C Language Interface

Xlib - C Language X Interface