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***Rocky Enterprise Linux 9.2 Manual Pages on command 'XtDirectConvert.3'***

***\$ man XtDirectConvert.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, 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 XtConvert has been replaced by XtConvertAndStore.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; 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 XtDirectConvert has been replaced by XtCallConverter.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