Xmu and Xmuu Library API Reference

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Abstract

[illegible]

Table of Contents

Introduction

[illegible]

[illegible]

[illegible] **xmu** [illegible] **xmuu** [illegible]

Atom Functions

[illegible]

XA_ATOM_PAIR *d*

XA_CHARACTER_POSITION *d*

XA_CLASS *d*

XA_CLIENT_WINDOW *d*

XA_CLIPBOARD *d*

XA_COMPOUND_TEXT *d*

XA_DECNET_ADDRESS *d*

XA_DELETE *d*

XA_FILENAME *d*

XA_HOSTNAME *d*

XA_IP_ADDRESS *d*

XA_LENGTH *d*

XA_LIST_LENGTH *d*

XA_NAME *d*

XA_NET_ADDRESS *d*

XA_NULL *d*

XA_OWNER_OS *d*

XA_SPAN *d*

XA_TARGETS *d*

XA_TEXT *d*

XA_TIMESTAMP *d*

XA_USER *d*

XA_UTF8_STRING *d*

[illegible]

! **XmuMakeAtom** *name*

name [illegible]

[illegible]

! $**XmuNameOfAtom** *atom_ptr*

atom_ptr [illegible]

[illegible]

XmuInternAtom *dpy% atom_ptr*

dpy [illegible]

atom_ptr [illegible]

[illegible]

! $**XmuGetAtomName** *dpy% atom*

dpy [illegible]

atom [illegible]

[illegible]

& ' **XmuInternStrings** *dpy% names% count% atoms*

dpy [illegible]

names [illegible]

count [illegible]

atoms [illegible]

[illegible]

Error Handler Functions

[illegible]

XmuPrintDefaultErrorMessage *dpy% event% fp*

dpy [illegible]

event [illegible]

fp [illegible]

[illegible]

XmuSimpleErrorHandler *dpy% errorp*

dpy [illegible]

errorp [illegible]

[illegible]

System Utility Functions

[illegible]

XmuGetHostname *buf*% *maxlen*

buf [illegible]

maxlen [illegible] *buf* [illegible]

)[illegible] *buf* [illegible] +[illegible]) [illegible] # # [illegible] #+

XmuSnprintf *str*% *size*% *...*

str [illegible]

size [illegible]? *str* [illegible]

)[illegible]*[illegible]! [illegible] *[illegible]+[illegible]3[illegible]*[illegible] ! [illegible]6[illegible]>[illegible]+

Window Utility Functions

)[illegible]H - 0 I[illegible]+[illegible]) [illegible] 1 # - ' .[illegible]@[illegible] +[illegible])[illegible]C[illegible]@[illegible]+

/ !## $**XmuScreenOfWindow** *dpy*% *w*

dpy [illegible]*[illegible]

w [illegible]

)[illegible]#[illegible]+

- ' . **XmuClientWindow** *dpy*% *win*

dpy [illegible]*[illegible]

win [illegible]

[illegible])[illegible] 0:K#)1)-[illegible]+[illegible]3[illegible] [illegible]+

2 **XmuUpdateMapHints** *dpy*% *w*% *hints*

dpy [illegible]

win [illegible]

hints [illegible]

[illegible]

Cursor Utility Functions

[illegible]

XmuCursorNameToIndex *name*

name [illegible]

[illegible]

Graphics Functions

[illegible]

& ' **XmuDrawRoundedRectangle** *dpy% draw% gc% x% y% w% h% ew% eh*

dpy [illegible]

draw [illegible]

gc [illegible]

x [illegible]

y [illegible]

w [illegible]

h [illegible]

ew [illegible]

eh [illegible]

[illegible]

[illegible]

& ' **XmuFillRoundedRectangle** *dpy% draw% gc% x% y% w% h% ew% eh*

dpy [illegible]

draw [illegible]

gc [illegible]

x [illegible]

y [illegible]

w [illegible]

h [illegible]

ew [illegible]

eh [illegible]

[illegible]

XmuDrawLogo *dpy% drawable% gcFore% gcBack% x% y% width% height*

dpy [illegible]

drawable [illegible]

gcFore [illegible]

gcBack [illegible]

x [illegible]

y [illegible]

width [illegible]

height [illegible]

[illegible]

XmuCreateStippledPixmap *screen% fore% back% depth*

screen [illegible]

fore > *

back @ > *

depth >

) > > > +) > C > +) > 7# # #/ #'
+

& ' **XmuReleaseStippledPixmap** *screen% pixmap*

screen >

pixmap >

) > 1!# #/ #' +

XmuReadBitmapData *fstream% width% height% datap% x_hot% y_hot*

fstream

width

height

datap

x_hot >

y_hot

) 1!# #2 8! 6 +
) * * 7# '2 8 #+

XmuReadBitmapDataFromFile *filename% width% height% datap% x_hot% y_hot*

fstream

width

height

datap

x_hot >

y_hot

[illegible]

XmuLocateBitmapFile *screen% name% srcname% srcnamelen% widthp% heightp% xhotp% yhotp*

screen	[illegible]
name	[illegible]
srcname	[illegible]
srcnamelen	[illegible]
width	[illegible]
height	[illegible]
xhotp	[illegible]
yhotp	[illegible]

[illegible] *srcnamelen* [illegible] *srcname* [illegible] *srcname* [illegible]

XmuCreatePixmapFromBitmap *dpy% d% bitmap% width% height% depth% fore% back*

dpy	[illegible]
screen	[illegible]
bitmap	[illegible]
width	[illegible]
height	[illegible]
depth	[illegible]
fore	[illegible]
back	[illegible]

[illegible]

[illegible] >[illegible] @[illegible] >[illegible] *[illegible] +[illegible])[illegible]>[illegible]+

Selection Functions

)[illegible] H / '/# I[illegible] @[illegible]+

2 # **XmuConvertStandardSelection** *w% time% selection% target% type% value% length% format*

w	[illegible]
time	[illegible]
selection	[illegible]
target	[illegible]
type	[illegible]*[illegible]*[illegible]
value	[illegible]*[illegible]*[illegible]
length	[illegible]*[illegible]*[illegible]
format	[illegible]?[illegible]

)[illegible]*[illegible](;1##;3-7)K0375.0 5-7-)K1552-## ,.#)71:- 3K1552-## 71:- .07-2K.#)12<-)#)3:-#)1:[illegible]6#-2+3[illegible])[illegible]*[illegible]/[illegible]+

Type Converter Functions

)[illegible] H 1 &#! #! I[illegible] @[illegible]+

& ' **XmuCvtFunctionToCallback** *args% num_args% fromVal% toVal*

args	[illegible]
num_args	[illegible]
fromVal	[illegible]*[illegible]
toVal	[illegible]*[illegible]*[illegible]

)[illegible]*[illegible] @[illegible] @[illegible] 76;;[illegible]+[illegible])[illegible]*[illegible] A[illegible] 3[illegible] ?[illegible](

''1 &#! #! 71 ! % 71 % 1& 8 + 1 % 4099% :

& ' **XmuCvtStringToBackingStore** *args% num_args% fromVal% toVal*

args [illegible]

num_args [illegible]

fromVal [illegible]

toVal [illegible]

[illegible]

''1 &#! #! 7/ ! % 72 / !#% 1& / ! + 2 / !#% 4099% :

& ' **XmuCvtStringToBitmap** *args% num_args% fromVal% toVal*

args [illegible]

num_args [illegible]

fromVal [illegible]

toVal [illegible]

[illegible]

1 &#! ! 7# !## 1 &#! ! ;< = >
> 2 #? # % #! ? # – ' # % !# !## % @# / !## $ A
A

''1 &#! #! 7/ ! % 72 % 1& / ! + 2 %
!## 1 &#! ! % 4 #! !## 1 &#! !

2 # **XmuCvtStringToColorCursor** *dpy% args% num_args% fromVal% toVal% data*

dpy [illegible]

args [illegible]C[illegible]*[illegible]

num_args [illegible]C[illegible]*[illegible]E

fromVal [illegible]*[illegible]

toVal [illegible]*[illegible]*[illegible]

data [illegible]

[illegible])[illegible]*[illegible]@[illegible]>[illegible]*[illegible]+[illegible])[illegible]*[illegible]1 C[illegible]>[illegible]1[illegible]>[illegible]=[illegible]:[illegible]>[illegible]L/.7)[illegible]>[illegible]NN[illegible]O[illegible]>OL[illegible] 9 #2 8 #[illegible]NO+[illegible])[illegible]*[illegible]3[illegible]?[illegible](

```
          1  &#!  ! 7#      !1 !  !1  &#!  !  ;< = >
   >  - ' # 2  #?   # %         #!    ?   # ?  - ' # 7# %   !#   !##  %
      @#   / !##  $ A%
   >  7#   ! #/ !   %         #!    4     #!1   !%   @#      #  A%
   >  7#   ! #/ !   %         #!    4     #!1   !2    !   '%   @#      #  A%
   >  - ' # 2  #?   # %         #!    ?   # ?  - ' # 7# %   !#     !    %
      @#   1   !    A
A
```

```
   /# +* #1  &#! #!   7/ !   %   71   !1 !  !%    1& / !   + 1   !1 !  !%
        !1 !  !1  &#!  !  %   4   #!     !1 !  !1  &#!  !   %
                   1   #2*6     *% 4099
```

)[illegible]?[illegible]7[illegible]7[illegible]=[illegible]@[illegible]@[illegible]+[illegible])[illegible]A[illegible]2[illegible]?[illegible]#[illegible]4[illegible]*[illegible]*[illegible]@[illegible]@[illegible]+

& ' **XmuCvtStringToCursor** *args% num_args% fromVal% toVal*

args [illegible]C[illegible]*[illegible]

num_args [illegible]C[illegible]*[illegible]

fromVal [illegible]*[illegible]

toVal [illegible]*[illegible]*[illegible]

[illegible])[illegible]*[illegible]+[illegible])[illegible]*[illegible]1 C[illegible]>[illegible]1[illegible]>[illegible]=[illegible]:[illegible]>[illegible]

L/.7)>NNO>OL
9 #2 8 #NO+) *
A 3 ?(

```
        1  &#!  ! 7#    !## 1  &#!  ! ;< = >
  >  2  #?   # %         #!   ?   # ?  - ' # 7# %   !#   !##  %   @#   / !##  $ A
A

   ''1  &#! #!   7/ !   %   71 !  !%    1& / !   + 1 !  !%
     !## 1  &#!  ! %   4   #!   !## 1  &#!  !
```

& ' **XmuCvtStringToGravity** *args*% *num_args*% *fromVal*% *toVal*

args

num_args * F

fromVal *

toVal **

)* <* * +)L L L 76;;* * / <* L70<*L* 70<*   L7<*L L L* 7<*L L7-<*L*7-<*L0LL L* 0<*L<*L*<*L-<*L LL*-<*L#0<*L* #0<*L#<*L L L*#<*L#-<*L* #-<*L#<*L*#<*L6<*L *6<*+)+)
*   A ?(

```
   ''1  &#! #!   7/ !   %   7,! &  *%    1& / !   + ,! &  *% 4099% :
```

& ' **XmuCvtStringToJustify** *args*% *num_args*% *fromVal*% *toVal*

args

num_args

fromVal *

toVal **

)*P* +)L L
*P;L L*PL L*
P2+)+)*
    A 3 ?(

''1 &#! #! 7/ ! % 7D *% 1& / ! + D *% 4099% :

& ' **XmuCvtStringToLong** *args% num_args% fromVal% toVal*

args [illegible]

num_args [illegible] [illegible]F

fromVal [illegible]*[illegible]

toVal [illegible]*[illegible]*[illegible] [illegible]

)[illegible]*[illegible] [illegible]+[illegible]3[illegible] [illegible]LQ [illegible]L+[illegible])[illegible]*[illegible] [illegible] [illegible] [illegible]A[illegible] [illegible]3[illegible] [illegible]?[illegible](

''1 &#! #! 7/ ! % 79 % 1& / ! + 9 % 4099% :

& ' **XmuCvtStringToOrientation** *args% num_args% fromVal% toVal*

args [illegible]

num_args [illegible]

fromVal [illegible]*[illegible]

toVal [illegible]*[illegible]*[illegible] [illegible]

[illegible])[illegible]*[illegible].[illegible]*[illegible] [illegible]+[illegible])[illegible] L[illegible]?[illegible] L[illegible]*[illegible],[illegible]?[illegible] [illegible]L*[illegible] L[illegible]*[illegible]4[illegible] [illegible] +[illegible])[illegible]+[illegible])[illegible]*[illegible] [illegible] [illegible] [illegible]A[illegible] [illegible]3[illegible] [illegible]?[illegible](

''1 &#! #! 7/ ! % 7?! # % 1& / ! + ?! # % 4099% :

2 # **XmuCvtStringToShapeStyle** *dpy% args% num_args% fromVal% toVal% data*

dpy [illegible] [illegible]*[illegible]

args [illegible]

num_args [illegible]

fromVal [illegible]*[illegible] [illegible]*[illegible] *toVal* [illegible]*[illegible]*[illegible]

data [illegible]

)[illegible]*[illegible]+[illegible])[illegible]L[illegible]L[illegible]*[illegible]#[illegible]2[illegible]L[illegible]*[illegible]L[illegible]*[illegible]#[illegible].*[illegible]L[illegible]L[illegible]*[illegible]#[illegible]- [illegible]L[illegible]2[illegible]L[illegible]*[illegible]#[illegible]2[illegible]2[illegible]+[illegible])[illegible]+[illegible])[illegible]*[illegible]A[illegible]3[illegible]?[illegible](

```
 /# +* #1  &#! #!   7/ !   %   7/   #/ * #%    1& / !   + /   #/ * #%
      4099% :%   1   #4  #% 4099
```

2 # **XmuReshapeWidget** *w*% *shape_style*% *corner_width*% *corner_height*

w [illegible]

shape_style [illegible]

corner_width [illegible]

corner_height [illegible]

[illegible])[illegible]#[illegible]>[illegible]*[illegible]K[illegible]![illegible]#[illegible]2[illegible]#[illegible].*[illegible]#[illegible]- [illegible]#[illegible]2[illegible]2[illegible]*[illegible]%+[illegible])[illegible]>[illegible]+[illegible]3[illegible]K[illegible]K[illegible]?[illegible]>[illegible]![illegible] 8 7 '#'7# #[illegible] N%J[illegible]K[illegible]K[illegible]+[illegible])[illegible]+

& ' **XmuCvtStringToWidget** *args*% *num_args*% *fromVal*% *toVal*

args [illegible]0[illegible]

num_args [illegible]

fromVal [illegible]*[illegible]

toVal [illegible]*[illegible]*[illegible]

)[illegible]*[illegible]+[illegible]7[illegible]*[illegible]@[illegible]*[illegible]J[illegible]?[illegible]*[illegible]+[illegible])[illegible]+[illegible]3[illegible]+[illegible])[illegible]+[illegible])[illegible]*[illegible]A[illegible]3[illegible]?[illegible](

```
        1  &#!  ! 7#    !#  1&  ! ;< = >
  >  2  #?   # %        #!   ?   #  - ' # %   !#   !#   %   @#   - ' #  A%
A

   ''1  &#! #!   7/ !   %   7- ' # %    1& / !   + - ' # %
     !#  1&  ! %   4   #!   !#  1&  !
```

2   #   **XmuNewCvtStringToWidget** *dpy% args% num_args% fromVal% toVal% data*

dpy *

args 0

num_args *

fromVal *

toVal * *

data

) * 1& / ! + - ' # NRO >
*
+ : *
* +) * A
 ?(

```
        1  &#!  ! 7#    !#  1&  ! ;< = >
  >  - ' # 2  #?   # %        #!   ?   # ?  - ' # 7# %   !#   !#   %
     @#   - ' #  A
A

  /# +* #1  &#! #!   7/ !   %   7- ' # %    4#.1& / !   + - ' # %
       !#  1&  ! %   4   #!   !#  1&  !  %   1   #4  #% 4099
```

Character Set Functions

) H
1 !/#   I @ +

) A @
J * *
+

& ' **XmuCopyISOLatin1Lowered** *dst*% *src*

dst [illegible]

src [illegible]

)[illegible]![illegible] %[illegible] [illegible];[illegible]+[illegible])[illegible]3#.[illegible]R[illegible]+

7[illegible]@[illegible]! *[illegible] *dst*[illegible]?[illegible] [illegible] ?*src*[illegible]+

& ' **XmuNCopyISOLatin1Lowered** *dst*% *src*% *size*

dst [illegible]

src [illegible]

size [illegible]>[illegible]![illegible]%[illegible]

)[illegible] *size* [illegible] *src*[illegible]*dst*[illegible];[illegible]+[illegible])[illegible]3#.[illegible]R[illegible]+

& ' **XmuCopyISOLatin1Uppered** *dst*% *src*

dst [illegible]

src [illegible]

)[illegible]![illegible] %[illegible] [illegible];[illegible]+[illegible])[illegible]3#.[illegible]R[illegible]+

7[illegible]@[illegible]! *[illegible] *dst*[illegible]?[illegible] [illegible] ?*src*[illegible]+

& ' **XmuNCopyISOLatin1Uppered** *dst*% *src*% *size*

dst [illegible]

src [illegible]

size [illegible]>[illegible]![illegible]%[illegible]

)[illegible] *size* [illegible] *src*[illegible]*dst*[illegible];[illegible]+[illegible])[illegible]3#.[illegible]R[illegible]+

XmuCompareISOLatin1 *first% second*

first [illegible]

second [illegible]

[illegible]

Keyboard Event Translation Functions

[illegible]

[illegible]

[illegible]

XmuLookupLatin1 *event% buffer% nbytes% keysym% status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

XmuLookupLatin2 *event% buffer% nbytes% keysym% status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

XmuLookupLatin3 *event*% *buffer*% *nbytes*% *keysym*% *status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

XmuLookupLatin4 *event*% *buffer*% *nbytes*% *keysym*% *status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

XmuLookupKana *event*% *buffer*% *nbytes*% *keysym*% *status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

XmuLookupJISX0201 *event*% *buffer*% *nbytes*% *keysym*% *status*

event [illegible]

buffer [illegible]

nbytes

keysym 9 # 7

status

) 9 / ! > @ * P3# FSF GD 1# 33 +

XmuLookupArabic *event% buffer% nbytes% keysym% status*

event @ *

buffer

nbytes

keysym 9 # 7

status

) 9 / ! > @ * ; & 1 !3#. R D% 1# 33 +

XmuLookupCyrillic *event% buffer% nbytes% keysym% status*

event @ *

buffer

nbytes

keysym 9 # 7

status

) 9 / ! > @ * ; & !3#. R R% 1# 33 +

XmuLookupGreek *event% buffer% nbytes% keysym% status*

event @ *

buffer

nbytes

keysym 9 # 7

status

) 9 / ! > @ * ; & < @ !3#. R G% 1# 33 +

XmuLookupHebrew *event% buffer% nbytes% keysym% status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

XmuLookupAPL *event% buffer% nbytes% keysym% status*

event [illegible]

buffer [illegible]

nbytes [illegible]

keysym [illegible]

status [illegible]

[illegible]

Compound Text Functions

[illegible]

[illegible]

[illegible]

[illegible]

```
* #'#        #'    ! $   / !
```

6 **XctCreate** *string% length% flags*

string [illegible]

length [illegible]

flags [illegible]

[illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

<2 (<=ST S+ F P3# FSF + T
9# RDF + G +

& ' **XctReset** *data*

data) >

) 5) >
+

7# **XctNextItem** *data*

data) >

) > " $) > +) *
@ +)
> 5 + 2
* (

#	> F <; <2 +
F#	F +
<;#	<; +
#	+
<2#	<2 +
-> # 	> +
->	@ > C +
, ?	? +) 5 +
- .) >	)) > +
-	J +

) * 5 (

```
/ !       #     $   #          #  $
   #'    #   #       $  #          #      * #  $
      !   @#   $   #     #!     * #   #!    !   #!
$   # % .    @#!   #      & !    # $
 !  $#   '      $   #  986 #   '       #   !   #  $
 56 !#        ! @        $   # ' !#           #  $
```

```
       #'    !@ '#      $   #   !!#   ' !#       #       '#    $
    !  $,9    $   # E>"A 8E   !      !   #   !!#   ,9 $
    !  $,9 #   '      $   #  986 #   '       #   !   #   !!#   ,9 $
       ,9  #    @#   $ FG  ! FH $
       ,9    !   @#   $   #     #!     * #   #! ,9    !   #! $
    !  $,7    $   # E>"A 8E   !      !   #   !!#   ,7 $
    !  $,7 #   '      $   #  986 #   '       #   !   #   !!#   ,7 $
       ,7  #    @#   $ FG  ! FH $
       ,7    !   @#   $     #!     * #   #! ,7    !   #! $
    !  $,9,7 #   '      $   #  986 #   '       #   !   #   !!#
  $  ,9I,7%       .  $
```

& ' **XctFree** *data*

data)>

) 5 +

CloseDisplay Hook Functions

) H
1 #5 I @ +

1 #5 **XmuAddCloseDisplayHook** *dpy% (*func)% arg*

dpy *

func

arg *func*

) @ * +0
* *(

```
  $      ' *%  !
```

) * *
* *+

) 76;; @
C * @ @+

2 **XmuRemoveCloseDisplayHook** *dpy% handle% (*func)% arg*

dpy *

handle @ 76;;

@

arg

2 **XmuLookupCloseDisplayHook** *dpy% handle% (*func)% arg*

dpy

handle

arg

Display Queue Functions

```
 * #'#        $    1    #6      *) # # !        6      *) # # $J # #%
                                                6      *) # #(  !* $#  !*

 * #'#        $    8!##6      *) # # !        6      *) # # $J # #

 * #'#     !          6      *) # #(  !* >
   !         6      *) # #(  !* $ !#&% $ #
 6      * $'      *
 1    #5          #
       #!  '
A     6      *) # #(  !*

 * #'#     !          6      *) # # >
     #   ! #
    6      *) # #(  !* $ #  '% $
    1    #6      *) # # !        #
    8!##6      *) # # !     !##
       #!  '
A     6      *) # #
```

6 *) # # $**XmuDQCreate** *closefunc% freefunc% data*

closefunc [illegible]

freefunc [illegible]

data [illegible]

[illegible] *closefunc* [illegible]

```
$     #       J # #% #  !*
```

[illegible] *freefunc* [illegible]

```
$ !##      J # #
```

[illegible]

```
6     *) # #(  !* $XmuDQAddDisplay q% dpy% data
```

q [illegible]

dpy [illegible]

data [illegible]

[illegible]

```
6     *) # #(  !* $XmuDQLookupDisplay q% dpy
```

q [illegible]

dpy [illegible]

[illegible]

XmuDQNDisplays *q*

[illegible]

2 **XmuDQRemoveDisplay** *q*% *dpy*

q [illegible]

dpy [illegible]

[illegible]

2 **XmuDQDestroy** *q*% *docallbacks*

q [illegible]

docallbacks [illegible]

[illegible]

Toolkit Convenience Functions

[illegible]

& ' **XmuAddInitializer** *(*func)*% *data*

func [illegible]

data [illegible]

[illegible]

$ % '

& ' **XmuCallInitializers** *app_con*

app_con [illegible]

[illegible]

Standard Colormap Functions

[illegible]

/ **XmuAllStandardColormaps** *dpy*

dpy [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

/ **XmuVisualStandardColormaps** *dpy% screen% visualid% depth% replace% retain*

dpy [illegible]

screen [illegible]

visualid [illegible]

depth [illegible]

replace [illegible]

retain [illegible]

[illegible]

[illegible]

[illegible]

XmuLookupStandardColormap *dpy*% *screen*% *visualid*% *depth*% *property*% *replace*% *retain*

dpy [illegible]

screen [illegible]

visualid [illegible]

depth [illegible]

property [illegible]

replace [illegible]

retain [illegible]

[illegible]

[illegible]

[illegible]

[illegible] J [illegible] C [illegible] +

) [illegible] F [illegible] ? [illegible] + [illegible] 1 [illegible] C [illegible] * [illegible] + [illegible] 1 [illegible] > [illegible] C [illegible] * [illegible] C [illegible] 2<=K=-#)K:1 [illegible] ? [illegible] D+

/ **XmuGetColormapAllocation** *vinfo% property% red_max% green_max% blue_max*

vinfo [illegible] * [illegible] * [illegible]

property [illegible]

red_max [illegible] > [illegible] * [illegible]

green_max [illegible] > [illegible] * [illegible]

blue_max [illegible] > [illegible] * [illegible]

) [illegible] ,# 1 ! +

,# 1 ! [illegible] F [illegible] ? [illegible] + [illegible] 3 [illegible] * [illegible] +

/ ' !'1 ! $**XmuStandardColormap** *dpy% screen% visualid% depth% property% cmap% red_max% green_max% blue_max*

dpy [illegible] * [illegible]

screen [illegible]

visualid [illegible] * [illegible]

depth [illegible] * [illegible]

property [illegible]

cmap [illegible] 35 [illegible] 7 [illegible]

red_max [illegible]

green_max [illegible]

blue_max [illegible]

) [illegible] / ' !'1 ! +

) [illegible] * [illegible] * [illegible] * [illegible] * [illegible] > [illegible] * [illegible] * [illegible]

[illegible]

[illegible]

```
/       XmuCreateColormap dpy% colormap
```

dpy [illegible]

colormap [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
&   ' XmuDeleteStandardColormap dpy% screen% property
```

dpy [illegible]

screen [illegible]

property [illegible]

[illegible]

Widget Description Functions

[illegible]

[illegible]

& ' **XmuWnInitializeNodes** *node_array*% *num_nodes*

node_array [illegible]

num_nodes [illegible]

)[illegible]*[illegible]

& ' **XmuWnFetchResources** *node*% *toplevel*% *top_node*

node [illegible]+

toplevel [illegible] *node* [illegible]>[illegible]+[illegible])[illegible]*[illegible] " @#+

top_node [illegible] *node* [illegible]![illegible]%+

-[illegible]+[illegible])[illegible](

XmuWnCountOwnedResources *node*% *owner_node*% *constraints*

node [illegible]>[illegible]+

owner_node [illegible] *node* [illegible]+

constraints [illegible]+

)[illegible]![illegible]"[illegible]$%[illegible]+

– ' # 4 '# $**XmuWnNameToNode** *node_list*% *num_nodes*% *name*

node_list [illegible]

num_nodes [illegible]

name [illegible]

)[illegible]0[illegible]7[illegible]*[illegible]+[illegible]3[illegible]76;;+

Participation in the Editres Protocol

[illegible])[illegible]1[illegible]H (' !# I[illegible]@[illegible]+

)[illegible]1[illegible]

[illegible]*[illegible]@[illegible]F[illegible]@[illegible]*[illegible]
76;;(

`''(&#  5  ' #!   #  %  (&#  3     :% +! #%   ('  7# 1 #  3#    # % 4099`

Index

&&+$
$
5$T
7>3$T
2$T
<0:7 ,   R
1 5 ,@ SE
13 ?SG
1 # S
  3 ?SG
 0 R
3#.; G
*## F
3#.;; D
3#.;6 G
 T
>/=
>G
7)3> D
*/) @F
*#)=@#
*#)=
*#)
*#)S
*#)<*T
*#)PT
*#);E
*#).E
*#)# E
*#)0R
5 # T
5 BSR
5B15 SD
5BSR
5B5SG
5B;@5 SD
5B75 SD
5B2*5 SG
5; G
52 2 D
/ 22 G
<17 T
< 1 TF
<, R
31T
3#E
;=/
;@1; S
;@1SF
;@ 5 ,@SR
;@ SF
;@<@SF
;@, S
;@P3#FSF

□□□;□□@□□9□□□□□ □□
□□□;□□@□□;□□□□□□□□□
□□□;□□@□□;□□□□S□□□□
□□□;□□@□□;□□□□T□□□□
□□□;□□@□□;□□□□E□□□□
□□□;□□@□□#□□□□□□□□□□ □□□□□□□□S□
□□□:□@□1□□□□□ T
□□□7□□□.□1□□□□□ T
□□□7□□□□3#.;□□□□□;□□□□□□□□□ □G
□□□7□□□□3#.;□□□□□6□□□□□□□□□ □G
□□□7□□□*□#□□□□□)□0□□□□□□□□□D
□□□□□□□□□5□□□□ □-□□□□:□□□□□□□□□E
□□□2□□□=□□□□□5□□□□□□
□□□2□□□=□□□□□5□□□/□□□/□ □□□ □
□□□2□ □□□□#□□□□ □□□□>□□□□□□
□□□2□□□*□□ □□□5□□□ □□,□□@□□ SE
□□□2□□□□□□□0□□□□□□□□□R
□□□#□□□□□.□0□□□□□□□ R
□□□#□□□ □-□□□□,□□□ □□□□□ E
□□□#□□□□□□□□□R□
□□□#□□□□□□□□□□ □□□□□□□□TF
□□□6□□□□□:□□,□□□□□□ R
□□□4□□□□ #□□□□□□□□□□ □□□□□□□□□S□
□□□0□7□□□)□7□□□□□ TS
□#□□0:7□□□□ ,□□□□□□ R
□□<□□*□□□□T□
□□P□□□□□□□T□
□□.□□□□□□□□□□□□□E□