Fonts in X11R7.6

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Two font systems

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[illegible]

[illegible]

Installing fonts

[illegible]

Configuring Xft

[illegible]

Installing fonts in Xft

[illegible]

[illegible]

[illegible]

Fine-tuning Xft

[illegible]

[illegible]

+,- . / 01 21+
34"%$56* / 757$*8 1 1
/

[illegible].[illegible]2[illegible],

/

[illegible]9[illegible]>?[illegible]
[illegible].[illegible]$[illegible]
[illegible]#[illegible]-[illegible]#[illegible].
[illegible]#[illegible]*,

/ /

+[illegible]$[illegible]#[illegible]#[illegible]9[illegible]:[illegible]
[illegible]#[illegible]*,

- 01 1
: 01 ;1 - 01 -/ ;1
/) / % /

/ - 01 / / 1 - 01 / 1

/
-

+[illegible]#[illegible]#[illegible]#[illegible],

- 01 1
/ - 01 / / 1 - 01 / 1

/
-

[illegible]$$[illegible]#[illegible]$[illegible]*[illegible])[illegible]/[illegible]$[illegible] [illegible]![illegible]
[illegible]#[illegible]$[illegible]$[illegible])[illegible]/[illegible]
/A[illegible]#[illegible]B[illegible]-[illegible]#[illegible]$[illegible]

, ;/ , <*#4*< = /,

[illegible]>[illegible]$[illegible].[illegible]$[illegible]
)[illegible]/[illegible]B[illegible]*,

- 01 1
/ - 01 1 - 01 / 1

/

[illegible]

Configuring applications

[illegible]

[illegible]

```
 $  -     # - > %   /
```

[illegible]

```
  ,   -     1%   /  1
```

[illegible]

[illegible]

Configuring the core X11 fonts system

[illegible]

Installing bitmap fonts

[illegible]

[illegible]

```
                  /   ?
```

[illegible]

```
   @/       /   ?
```

[illegible]

[illegible]

[illegible]

Installing scalable fonts

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CID-keyed fonts

[illegible]

Setting the server's font path

[illegible]

[illegible]

[illegible]

[illegible]

```
[illegible]
```

Font path catalogue directories

[illegible]

[illegible]

[illegible]

```
[illegible]
```

[illegible]

```
[illegible]
```

Temporary modification of the font path

[illegible]

```
[illegible]
```

[illegible]

[illegible]

Permanent modification of the font path

[illegible]

```
[illegible]
```

[illegible]

Troubleshooting

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Fonts included with X11R7.6

Standard bitmap fonts

[illegible]

[illegible]

[illegible]

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```
 -/    /,   -  / -     -/            G  ?2 AB AB   C2 /   2CDC
```

□□□□□%□□□□□□□□□□□□□□□□2□□□□□□□□□□□□□□□□□□□□/,□□□>?□□□□□□□□□□□□□□□□□□□□□$$□□□□□□□ □□□□)□□□□.□7□□□-.□□□□□□□□□□.□7□□□□□□□.□+□□□□□□□.□□5+□□□□□□□□□□□□□□□□□$□□□$□□□□□□□□□□□□□ □□□□□□□□□□□□□#□□□□□□□□□□□□□□□□□□2□□□I1JJ□□□□$□□.□□□2□□□□□□□□□□□□□□□□□□□□□□□□□□□□"4X11G3 $□□□□□□□G.□ □□J.□□K□□G.□□□□□□□□□□□□□□□□□@□□□$□□□□□&□□□□□□□□□□□□□□□□□□□□□□□□$□□□□.□C4□1. 07)L.□□□□□□□□□□□□□$□□

□□□□□□□□□□□□□□□□□□□□□□□□□□□#□□□

```
C, G &7"HHBI
C, G &7"HHBI ?

C, G &7"HHBI  B
C, G J"&H <
```

□□□□□□□□$□□□□2□□□)□/□

```
 -/    /,   -  / -      -     G  ?2 AB AB   C2 /  HHBI

 -/    /,   -  / -      -     G  ?2 AB AB   C2 /  HHBI  B
 -/    /,   -  / -      -     G  ?2 AB AB   C2   /H
```

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□?,   >□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

```
 -/    /,   -  / -      -     G  ?2 AB AB   C2 /  HHBI
```

The ClearlyU Unicode font family

□□□□□□□□□□□%□□□□□□□□□□□□□□□□□□□$□□2□□□□□□□□□□□□□□□□IX$□.□□JJX□$□□$□□$□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□$□□□□□□□□□□□□□□□□%□□□□□□□□□□*□□□□□□□□□□□□.□□□□□□□□□□□□□□□□□□□□□□□□□□$$□□*□□ □□□□□□□ GJJ□□□□$□□□

□□□□□□□□□□□□□□□□□□□□%□□□□□□□□□□□□□□□□□□)□/

```
 -          ;  -  / -      -     A  ?2  22  22    2  /   2CDC
```

□□□

```
                    -/      ?      @
```

+□□□□□□□□□□□□□□□□□□□□□□%□□□□□□□□□□□□□□□□□□□

```
 -          ;              ;    -  / -      -     A  ?2  22  22   I  /   2CDC
 -          ;      -  / -      -     A  ?2  22  22       /   2CDC
 -          ;      /   ,    -  / -      -     A  ?2  22  22    2G         / /  2
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Standard scalable fonts

[illegible]

Standard Type 1 fonts

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

The Bigelow & Holmes Luxi family

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

More about core fonts

[illegible]

Core fonts and internationalisation

[illegible]

[illegible]

[illegible]

The *fontenc* layer

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Backend-specific notes about fontenc

The *FreeType* backend

[illegible]

[illegible]

[illegible]

[illegible]

Format of encoding directory files

[illegible]

[illegible]

```
G
-        /  2                              /    -       /  2
-        /                                 /    -       /
-        /  ?                              /    -       /  ?
```

[illegible]

[illegible]

[illegible]

Format of encoding files

[illegible]

[illegible]

[illegible]

[illegible]

```
7$P<$*#%"4&#' -       /  2
P)&P7     /  2
```

[illegible]

[illegible]

```
7&Q* 2,?N
```

[illegible]

```
7&Q* 2,AB 2,H2
```

[illegible]

```
!&<7$&#4*  2,?2 2,?2
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
7$P<$8P66&#'   /
```

[illegible]

```
7$P<$8P66&#'  -   G
```

[illegible]

```
7$P<$8P66&#'         /
```

[illegible]

```
2,?  2,2CC2
2,?? 2,2CC
```

[illegible]

```
 /           /          /
```

[illegible]

start *target*

*start*F *target*F

```
end        targetFend start
```

*$.

```
2,? ?  2,? B! 2,H D2
```

##2

```
2,? ?  2,H D2
2,? ?? 2,H D

2,? B! 2,H A*
```

$9
2:2$$.$
#K#4*!&#*>,

```
K#4*!&#* 2,22 2,?P
```

..

```
K#4*!&#* 2, ?GD
```

5"$$$@25"$$$$$
$

```
2,D  P
2,D? N
```

*$

+$$*#48P66&#'

```
*#48P66&#'
```

+$$2#.*#4*#%"4&#'

```
*#4*#%"4&#'
```

--*$#..
--.$$-

Using symbol fonts

$X##/ /

[illegible]

[illegible]

Hints about using badly encoded fonts

[illegible]

[illegible]

Using fonts with the designer's encoding

[illegible]

[illegible]

Specifying an *ad hoc* encoding file

[illegible]

Specifying font aliases

[illegible]

[illegible]

[illegible]

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Additional notes about scalable core fonts

About the *FreeType* backend

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Delayed glyph rasterisation

[illegible]

[illegible]

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[illegible]

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[illegible]

[illegible]

Appendix: background and terminology

Characters and glyphs

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Font files, fonts, and XLFD

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[illegible]

[illegible]

[illegible]

Unicode

[illegible]

[illegible]

[illegible]

[illegible]

References

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible]%[illegible]″ ″ [illegible] [illegible] [illegible]2[illegible]#[illegible] [illegible]+[illegible] [illegible]5[illegible]F[illegible]$[illegible]
;[illegible]$,<<*[illegible]F$<

0[illegible]%[illegible];[illegible]$,<<[illegible]#[illegible].[illegible]
[illegible]-[illegible]-[illegible]C%[illegible]>1[illegible]%[illegible]+V
;[illegible]$,<<[illegible]-<W[illegible]-IG<[illegible]

[illegible]+D+[illegible].[illegible]2[illegible]#[illegible]#[illegible].
[illegible]$[illegible]2[illegible]#[illegible]B[illegible]*[illegible]$[illegible]
[illegible]XK K[illegible]