

Fluxbox

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äïËÖíÁîÔÁÄÑ Fluxbox

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История переиздания

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Глава 1. ÷ × ÄÄÄÊÄ

1.1. ïÄ ÜÖÏÊ ÄÏËÖÍÄÏÖÄÄËË

ðÄÖÄÄ × ÄÏË ï × ÄÑ ÄÏËÖÍÄÏÖÄÄËË ðÏ ÏËÏÏÏÏ Ö ÍÄÏÄÖÄÖ Fluxbox ÄÏÑ X11. ïÄ ÄÏÄ ÖÏÏÄÄÄÄ ÄÏ ÖÖÄÏË ÄÏËÖÍÄÏÖÄÄËË (× ÆÏÖÍÄÖÄ HTML) Ö ÄÄÏÖÄ ÖðÖÏÏÄÏËË ÄË ËÏÏ × ÄÖÖÄÄËË × ÖÄÏËËÏÏÄ ÆÏÖÍÄÖÄ. ÉÖËÏÏËËË ÍÄðËÖÄÏÏ ÍÄ DocBook 4.1 - ÆÏÖÍÄÖÄ, ÖðÄÄËÄÏÏÏ ðÖÄÄÏÄÏÏÄÏÏ ÄÏÑ ÄÏËÖÍÄÏÖÄÄËË.

÷ ÖÄÄÏÖÄ ÍÄÄ ÄÏËÖÍÄÏÖÄÄËËË Fluxbox ÖðÄÖÖ × Ï × ÄÏ ÄÏÏÖÏÄ ËÏËËÄÖÖ × Ï ÏÄÄË; ÄÏÏÖÄÑ ðÄÖÖÖ ÄÏËÖÍÄÏÖÄÄËË ÏÖÏ × ÄÏÄ ÍÄ ÖÄÄÏÖÄ ðÏÏÄÏ ËÖËÖÖÄÏÖÄÏÄ (Rando Christensen, <rando@babbllica.net (mailto:rando@babbllica.net)>) É ÄÏÏÏÄÏÄ <klausman@users.sourceforge.net (mailto:klausman@users.sourceforge.net)> É ÏÄËÏÖÏÖÏË ÄÖÖÇËË ÏÄÄÏË. äÖËË × Ï ÏÄ × ÉÄËÖÄ ÖÄÄÑ × ÖðËÖËÄ, Ö × ÄÄÏËËÖÄ ÏÄ ÜÖÏÏ <ðÄÄÄËËÖÏÏÄ. (mailto:grubert@users.sourceforge.net)>

÷ ÏðÖÏÖÏ ðÏ Fluxbox ÏðÏÏÄ ÏÄÄÄ × ÄÖÖ × ÖðËÖËÄË ÖÄÖÖÏËË. äÏÄÄ ðÏÄÖÏÄÏÖÄ ËÏËÏÖÄÄËÄ Ï ÏËË × Ï ÏÖÄÖÄ ÍÄËÖË ÍÄ ÏËËÄËÄÏÏË ÖÖÖÄËËÄ Fluxbox (<http://fluxbox.sourceforge.net/download.php>).

äÏÏÏÄÏËË É ðÄÖÄ × ÏÄ: ðÖË × ÄÖÖÖ × ÖÄÖÖÑ ÏÄÄÄÑ ËÏÖÏÏ ÏÄðËÖÄÏÏÄÑ ÄÏËÖÍÄÏÖÄÄËË ðÏ ÖÏÏ, ðÖÏ ÏÄ ÏðËÖÄÏÏ ÏÄÄÖÖ, Ï, ðÏ × ÄÏÄÏÖ ÏÏÄËÄ, ÄÏÏÏÏ ðÖËÖÖÖÖÖÖ × Ï × ÄÖÖ. ðÖÏÖÏ ÏÄðËËËÖÄ ÏÄ ÏÄ Ä-ÏÄËÏ, ÖËÄÏÄÏÏË × ÏÏÄ, É ÏÏ ÏÄÖÖÄËË × ÏðÖÏÖÏ Ï ÖÏÏ, ÉÄË × Ï ÏÖÄÖÄ ðÏÏÏ Ë ÉÄËÖÄ ÄÏËÖÍÄÏÖÄÄËÄ ÏÖÄÖÄ ÄÏÄÄ × ÉÖÖ (ðÖË ÏÄÏËËË ÖÄËÏ × ÏË).

äÏËÖÍÄÏÖÄÄËË ÄÏÖÖðÏÄ ÍÄ ÖÄËÖÄ Fluxbox × × ÉÄÄ ÉÖËÏÄÏËË ÖÄËÖÖÏ ×, Ä ÖÄËÖÄ ÖËÏ × ÄÖÖËÖÏ × ÄÏÄÄÑ × ÖÄÏËËÏÏÄ ÆÏÖÍÄÖÄ, ÖÄËËÄ ÉÄË HTML É PostScript. äÖËË × Ï ËÏÖËÖÄ ÉÖðÏÏÏÏ × ÄÖÖ ÄÖÖÇËË DTD ËË ÄÖÖÇËË × ÏËÏÄÏË ÆÏÖÍÄÖÄ, ÖÏ ÉÖËÏÏËËË × ÖÄÇÄÄ É × ÄÏËË ÖÖÏÖÇÄÏ, Ï × ÄÏ ÖËÏÖÄÄ × ÖÄÇÏ ðÏÖÖÄÄÖÄÖÖÑ ÏÄËÏÖÏÖËË ÏðÏÖ ÖÄÄÏÖÏ Ö DocBook, ðÖÏÄÏ ËÏÏÄËËÖÖ DTD. äÖËË × Ï ËÏÖËÖÄ ÖËÏ × ÄÖÖËÖÏ × ÄÖÖ ÉÖËÏÄÏÄ ÖÄËÖÖÏ ÄÏËÖÍÄÏÖÄÄËË × ÆÏÖÍÄÖÄ, ÏÖÖÖÖÖÖ × ÖÄÏËË ÍÄ ÖÄËÖÄ Fluxbox, × ÄÏ ðÏÏÄÏÄËËÖÖÑ ðÄËËÖ docbook2x

1.2. ï Fluxbox

1.2.1. ðÖÏ ÖÄËÏÄ Fluxbox

Fluxbox ÜÖÏ ÏðÄÖÄÄÏËË ÏËÏÏÏË ÍÄÏÄÖÄÖ ÄÏÑ X. ï ÏÖÏ × ÄÏ ÍÄ ÉÖËÏÄÏËË ËÏÄÄË Blackbox 0.61.1. Fluxbox × ÏÇÏÑÄËÖ ÉÄË Blackbox É ðÏÏÏÖÖÖÄ ÖÏ × ÍÄÖÖËË Ö ÏËÏ × ÏÖÏÏÄËËË ÖÖËÏÄË, Ä × ÄÖÏ ×, ÖÄÖðÏÏÖÄÏËË ÏËÏ É ÖÏÖ ðÏÄÏÄÏÇÏ.

οἱÇÄÄ ÈÄÉÄÑ ÒÄÚÏÉÄÄ ÌÄÖÄÖ Fluxbox É Blackbox, ÓÐÒÏÓÉÖÄ ×Ù? ïÖ×ÄÖ: ÒÄÚÏÉÄÄ ïçðïñ! ÷ÏÖ ÒÐÉÖÏÈ ×ÏÏÏÏÏÓÖÄÈ ÈÏÏÏÏÏ ÒÖÄ ÄÓÖØ ÈÏÈ ÓÈÏÏ ðÏÑ×ÑÓÖÑ ×Ï Fluxbox...

1.2.2. ÷ÏÏÏÏÏÓÖÈ

ðÄÄÏÉÛ×ÄÏÏÏÄ:

- ÌÄÓÖÒÄÉ×ÄÄÏÏÄ ÏÈÏÏÏÄ ÚÄÈÏÄÄÈÈ.
- ÐÏÄÄÄÒÖÈÄ ÓÇÏÄÖÉ×ÄÏÈÑ ÒÄÈÓÖÄ (Xft)
- ÐÏÄÄÄÒÖÈÄ UTF-8
- ÐÄÏÄÏØ ÈÏÓÖÒÏÏÏÏ× (ÄÏÑ Ó×ÄÏÏÏÏÏÈ ÏÈÏÏ)
- Ä×ÏÏÇÒÐÐÈÏ×ÄÏÈÄ ÏÈÏ/ÚÄÈÏÄÏÈ
- ÓÏÏÄ ÒÄÄÏÐÇÏ ÓÏÏÄ ÐÏÈÈÒÐÈ×ÄÏÈÄÏ ÈÏÏÄÓÄ ÏÏÏÈ
- ×ÏÏÏÏÏÓÖØ ÌÄÓÖÒÏÈÈÈ ÚÄÇÏÏ×ÈÄ ÏÈÏÄ (ÒÄÓÐÏÏÏÄÈÄ ÈÏÐÏÈ, ÄÏÄÄ×ÏÄÈÄ ÏÏ×ÏÈ ÈÏÐÏÈ É Ò.Ð.)
- ÐÏÄÄÄÒÖÈÄ KDE É Gnome (×ÈÏÄÐÄÑ Gnome 2)
- ÐÏÄÄÄÒÖÈÄ Extended Window Manager Hints (ewmh)
- ×ÓÖÏÏÏÏÈÈÈ ÈÏÏÇÒÈÈÏ×ÄÏÏÏÈ ÐÄÖÄÈ×ÄÖÐÈÈ ÌÄÓÄÓÈÈÈ ÈÏÄ×ÈÏ (ÐÏÄÄÄÒÖÈ×ÄÄÖ emacs-ÐÏÄÏÏÏÏÏ ÒÏÐÄÖÄÏÈÑ)
- ×ÏÏÏÏÏÓÖØ ÒÄÓÐÄÈÈ×ÄÖØ ÏÈÏÄ ÐÏ×ÄÒÈ ÓÏÈÓÄ
- ÌÄÓÖÒÏÈÈÈÄ ÐÏÑÄÈÄ ÓÏÄÄÏ×ÄÏÈÑ ÄÐÐÏÄÏÏ× × ÒÏÈÓÄ

ðÏÄÏÈÒÖÄÏÏÄ:

- ÏÄÏÄÄÖÄÒ ÓÄÓÓÈÈ
- "ÐÒÈÏÈÐÄÄÝÈÄ" ÏÈÏÄ
- ÌÄÓÖÒÄÉ×ÄÄÏÄÑ ÐÄÏÄÏØ ÚÄÄÄÐ
- É ÏÄÈÏÏÏÏÏÏ ÒÐÖÇÈÄ ×ÏÏÏÏÏÓÖÈ

ðÏÈÏÏ ÏÏÏÇÏ, ÄÏÏÏ ÓÄÄÏÄÏÏ ÏÏÇÏ ÈÏÏÏÏÏÈÈ È ÒÏÐÏÏÄÏÈÈ.

1.2.3. çÄÄ ÄÏÖÖÄÖØ Fluxbox

έÓÈÏÄÏÈÈÈ Fluxbox ÏÏÏÏ ÓÈÄÐÄÖØ Ó ÇÏÄ×ÏÇÏ ÓÄÈÖÄ Fluxbox, <http://fluxbox.sourceforge.net/>. ãÏØÈÏÏÓÖ×Ï ÄÈÓÖÒÈÄÖÖÈ×Ï× Linux É ÄÖÖÇÈÈ ÄÄÖÐÏÄÏÏÏÈ Unix'Ï× ×ÈÏÄÐÄÖ ÈÓÈÏÏÏÏÈÈÈ ÈÏÄÏ È ÄÈÏÄÏÏÏÄÈ ÐÄÈÄÖÏ Fluxbox. äÓÏÈ ×ÏÏÈÈÄÄÖ ÓÏÏÄÏÈÑ, ÈÓÐÏØÏÏÈÈÄ ÐÏÏÄÄÏÈÄ ÐÄÈÄÖÏ ÈÏ ÄÈÓÖÒÈÄÖÖÈ×Ä.

1.2.4. ÷ÏΘÏÏÏÏÙ Æ ÆÏÄÄÄÏÏÏÄÄ

ÏÄÏÏÏÏÏÏÏ ÏÄ ÏÏ, ÆÏÏ Fluxbox ÆÏÏÏÏ ÷ ÉÏÆÏÏÏÏÏÏÏ×ÄÏÉÉ É ÏÄÏÏÏÏÏÏÏ, ×ÏÆÏÏÏÏÙ ×ÏÄ ÏÄ×ÏÏ ÆÏÏ×ÏÏÄÏÏÏÏ. ÏÏÏÄÏÏ×Ï ÉÏ ÏÉÈ ÄÏÏÏ ÏÄÄÄÏÏ ÏÄÏÏÏÄ. ðÄÏÄÄ ÏÄÏ ÉÄÈ ÏÆÏÄÏÏÉ×ÄÏÏ ÷ ÏÄÏÏÏÏÏÏÏ É ÏÄ ÈÄÏÏÏÄ IRC Fluxbox, ÆÏÏÄÏÏÏÏÏÄ, ÆÏÏÏÏÏÏÏÄ FAQ (Прил. В).

Глава 2. ἸΆΡΕΪΆΆΪ

2.1. ὁΟΟΆΪΪ×ĚÁ Fluxbox

üŌÁ ΡΆΟŌŌ ÆÙΪΆ ἸΆΔΕŌΆΪΆ Jason Gillman Jr. aka "Ircaddict".

÷ ΟΪΟŌΆ× ἸΪΪÇĚĚ ἈΕŌŌŌĚΆŌŌĚ×Ī× ×ĚΪΆŃŌ ἈΕΪΆŌΪŪΆ ΔΆĚΆŌŪ Fluxbox (ĚΪĚ × ŌΪŌΡΆΆ Gentoo Ě FreeBSD, ΔΪŌŌŪ/ebuild'Ū) ĚΪŌΪŌŪΆ ἈΆΪΆŌŌ ŌŌŌΆΪΪ×ĚŌ Fluxbox ΔŌΆΆΆŌΪΪ ΔŌŌΪŌŌĚ. ἸΪ ŌŌΪΆŌŌ×ŌΆŌ ΔŌĚΡĚŪŪ ŌΪΆĚŌΆŌŌ Fluxbox ŌΆΪΪŌ. ἸΆΔŌĚΪΆŌ, ἸΪŌΆŌ ἸΆ ἸĚΆΪΆŌŌŌŃ ΔΆĚΆŌΆ ἈΪŃ ×ΆΪΆÇĪ ἈΕŌŌŌĚΆŌŌĚ×Ά Ō ἸΆĚΆΪΆΆ Ō×ΆŌΆĚ ×ΆŌŌĚΆĚ Fluxbox. ĚΪĚ ×ΆΪ ἸŌŌΪŌ ŌΪΆŌΆŌŌ Fluxbox Ō ἸŌŌΆΆΆΪΆΪŪΪĚ ἈΪΆÇΆΪĚ ĚΪΪΔĚΪŃŌΪŌΆ. ḂŌΪĚ ×Ū ĚΪŌĚŌΆ ĚŌΔΪŌŪΪ×ΆŌŌ ἈĚŌŌŌĚΆŌŌĚ×ĪŌΆ ×ΆŌŌĚΆ, ΡĚŌΆĚŌΆ ἈΪĚŌΪΆŌŌΆΆĚΆ, ĚΆŌŸŌΆ Ō ἈĚŌŌŌĚΆŌŌĚ×Ϊ. ḂŪŃ ἸΆĚΪŌΪŌŪĚ ἈĚŌŌŌĚΆŌŌĚ×Ī× Ō ŌΆĚŌΆ Fluxbox ἸΪŌΪŌ ŌĚΆΡΆŌŌ ĚΆĚ ἈΪΆŌΪŪΆ ΔΆĚΆŌŪ, ŌΆĚ Ě ΔΆĚΆŌŪ Ō ĚŌĚΪΆŪΪĚ ĚΪΆΆΪĚ.

ḂΆŌŌ ἈΆΪΪÇĪ ἈΪĚŌΪΆŌŌΆ - ΔΪΪΪΡŌ ἸΪ×ĚΡĚΆΪ × X11 (ĚΪĚ × Linux × ἸΆΪΪΆΪ) ŌΪΆŌΆŌŌ Ě ŌŌŌΆΪΪ×ĚŌŌ ἸĚΪΪŪĚ ἸΆΪΆŌŌΆŌ Fluxbox.

2.1.1. ḂΪŌŌΡΆΪĚΆ ĚŌĚΪΆŪĚ ĚΪΆΪ×

ḂΆŌ×ἸΆ ΡŌΪ ×Ū ἈΪŌŌŪŪ ŌΆΆΪΆŌŌ - ΔΆŌΆĚŌĚ ἸΆ ŌŌΔΆĚΆŌŌ ὪΆÇŌŌŪĚĚ (<http://fluxbox.sourceforge.net/download.php>) Ě ŌĚΆΡΆŌŌ ἈŌĚĚ× Ō ĚŌĚΪΆŪΪĚ ĚΪΆΆΪĚ (ŌΆŌŪĚŌΆΪĚΆ .tar.gz).

÷ ŌΆΪŃ ἸŌ ×ŌΆΪΆĚ ΔΪŃ×ἸŃΆŌŌŃ ŌΔΆΆĚΆΪŌΪŪΆ ŌΆΪĚŪŪ ἈΪŃ ŌΆΪŪŌΆΪŌΡĚĚΪ×. ἸΪĚ ΔΪŪ×ἸŃΆŌ ΔΪŌΪŌŌŌΆŌŌŌ ĚΆĚĚΆ ΡŌΪĚΆĚĚ ΔΪŃ×ŃŌŃŃ × ŌŌΆΆĚΪŌΪĚ ×ΆŌŌĚĚ Ě Ō.Ά. ḂŌΪĚŌŌ ΡΡĚŌŪ×ΆŌŌ, ΡŌΪ ἸΪĚ ἈΪŌŌΆŌΪΡΪΪ ἸΆŌŌΆΆĚΪŌŪŪ. ĚΪŌŌŌŌĚΆĚĚ ĚΆĚ ĚĚ ὪΆÇŌŌŪĚŌŌŌ ×Ū ἸΪŌΆŌΆ ἸΆĚŌĚ × ŌΆΪŪΆΪΆ ἸΪ×ἸŌŌΆĚ ἸΆ ŌΆĚŌΆ Fluxbox.

2.1.2. ḂΆŌŌΔΆĚΪ×ĚΆ Ě ĚΪΪΔĚΪŃΆĚŃ

ĚΪŌΪŪΪ, ŌΆΔΆŌŌ Ō ×ΆŌ ἈŌŌŌ ἈŌĚĚ× Ō ĚŌĚΪΆŪΪĚ ĚΪΆΆΪĚ Ě ×ΆΪ ἸΆΆΪ ἈÇĪ ŌΆŌŌΔΆĚΪ×ΆŌŌ. üŌΪ ἸΪŌΪŌ ἸŌŌΪΆŌŌ×ĚŌŌ Ō ΔΪΪΪŸŌΆ ἈΆΪΪĚ ĚΪΪΆΪΆŪ, ἸŌŌΪ ἸĚŪŌ ĚΪΪΆΪĚŌŌ ἈΆΪΪΆ ĚΪŃ ἈΆĚΪΆ ἸΆ ĚΪŃ ŌΪÇĪ, ĚΪŌΪŌŪĚ ×Ū ŌΪŌĚΪΡŌΪ ὪΆÇŌŌŪĚΪĚ.

```
$ tar xzvf fluxbox-0.1.12.tar.gz
```

÷ ŪŌ×ĚΆĚŌŌ ŌΔĚŌΪĚ ŌΆŌŌΔΆĚΪ×ΆΪŪĚ ἈΆĚΪŪ×. ḂΪŌΪΆ ŌΪÇĪ, ĚΆĚ ×Ū ŌΆΪΆΪΆŌŌΆ ŪŌΪ, ΔΆŌΆĚΆĚŌΆ × ŌΪŌĚΪ ΡŌΪ ŌΪŪΆΆΪŌŌ ἈĚŌΆĚŌΪŌĚΆ (ŪŌΪ ἈŌΆΆŌ ΡŌΪ-ἸĚΆŌŌŌ ×ŌΪΆΆ fluxbox-0.1.12/, ἸΪ ŪŌΪ ὪΆ×ĚŌĚŌ ἸŌ ×ΆŌŌĚĚ). ἸΆŪ ŌΪΆΆŌΆŸĚĚ ὪΆÇ - ĚΪΪΛĚÇŌŌŌΆĚŃ Ě

ΟΑΙΟΕΑ Fluxbox. ο ΔΙΙΥΘΑ configure × Ù ΠΙΟΑΟΑ × ΕΙΛΑΡΑΟΘ Ε ΙΟΕΙΛΑΡΑΟΘ ΙΑΕΙΟΙΟΥΑ
 × ΙΥΠΙΟΠΙΟΕ. αΙΝ ΑΠΘΥΕΙΟΟ× Α ΙΑΑΑΕ ΔΙΑΕΙΑΝΟ ΟΟΑΙΑΑΟΟΙΥΑ ΙΑΟΟΟΙΕΕΕ. ΑΟΙΕ × Ù
 ΕΙΟΕΟΑ × ΕΑΑΟΘ × ΟΙΕΟΑ Fluxbox ΕΕΠΕΕ ΔΑΙΑΙΕ εαα, × ΑΙ ΟΙΑΑΟΑΟ ΑΙΑΑ× ΕΟΘ ΙΔΑΕΑ
--enable-kde. βΟΙΑÙ ΔΠΘΡΕΟΘ ΔΠΠÙΕ ΘΡΕΟΙΕ ΙΔΑΕΕ, ΕΟΔΠΘΥΟΕΟΑ ΙΔΑΕΑ **--help**.
 αΟΙΕ × Ù ΙΑ ΕΙΟΕΟΑ × ΕΙΛΑΡΑΟΘ ΔΙΑΑΑΟΟΕΘ εαα, ΙΑΑΑΟΕΟΑ:

```
$ ./configure
$ make
```

δΙΟΙΑ ΟΙÇΙ, ΕΑΕ Fluxbox ΟΕΠΕΕΙΕΙΟΙ× ΑΙ, ΟΟΑΙΘΟΑ root'ΠΙ Ε × ÙΠΠΙΕΟΑ:

```
# make install
```

δΙΥΑΟΑ× ΙΝΑΙ, ΟΑΔΟΘ Θ × ΑΟ ΑΟΟΘ ΟΙΑΟΑΠÙΕ Ε ΘΟΟΑΠΠ× ΙΑΠΠÙΕ Fluxbox.

2.1.3. ύΑΘΟΕ Fluxbox

÷ ΟΑ ΕΙΟΙΥΙ ΟΟΟΑΠΠ× ΕΠΘΘ, ΠΙ ΕΑΕΠΕ ΙΘ ΙΑÇΙ ΔΟΠΕ, ΑΟΙΕ ΙÙ ΙΑ ΠΙΟΑΘ ΑÇΙ ΥΑΘΟΟΕΘΘ?

οΥΑΟΟ× ΟΑΘ Α× Α ΟΑΥΠΕΡΠÙΕ ΘΠΙΟΙΑΑ ΥΑΘΟΟΕΑ X11 (ΟΑΕΕΙ ΙΑΟΑΥΠΙ Ε Fluxbox).
 δΟΑΑΕΑΕΠΠÙΕ ΙΑΟΙΑ - ΕΟΔΠΘΥΙ× ΑΙΕΑ ΕΠΙΑΙΑÙ startx. αΟΘÇΙΕ ΘΠΙΟΙΑ - ΕΟΔΠΘΥΙ× ΑΟΘ
 ÇΟΑΕΡΑΟΕΕΕ login manager (ΙΑΥÙ× ΑΑΙΥΕ ΟΑΕΟΑ "display manager"). ΙΑΕΑΠΠΙΑ ΙΑΥΕΕ
 display manager ÙΟΙ xdm, ΕΠΙΟΙΟΥΕ Ν× ΙΝΑΟΟΝ ΡΑΟΟΘΑ ΑΕΟΟΟΕΑΘΘΕ× Α XFree86. Display
 manager Gnome'a ΙΑΥÙ× ΑΑΟΟΝ gdm, Α KDE - kdm .

αΟΙΕ X11 ΥΑΘΟΥΑΙ Ο ΔΙΠΥΘΑ startx), ΙΑΟ ΕΙΟΑΘΑΟΟΑΘ ΑΕΑΕΙ ~/ .xinitrc. ÷ ΟΙΘΡΑΑ
 ΕΟΔΠΘΥΙ× ΑΙΕΝ display manager' Α, ΙΑΟ ΕΙΟΑΘΑΟΟΑΘ ~/ .xsession.

οΙΑΑΘΑΥΕΕ ΥΑÇ - ΙΑΕΟΕ ΥΑΘΟΟΕΑΑΠÙΕ ΑΕΑΕΙ Fluxbox. ÷ ΑΠΘΥΕΙΟΟ× Α ΟΙΘΡΑΑ× ΠΙ
 ΙΑΕΙΑΕΟΟΝ × /usr/local/bin/fluxbox. οΑΕΡΑΟ × ΑΙ ΙΘΟΠΙ ΙΘΑΑΑΕΟΕΟΙ× ΑΟΘ ΙΑΕΙ ΕÙ Α× ΘΕ
 ΑΕΑΕΠΠ×, Ι ΕΠΙΟΙΟΥΕ ΙÙ ÇΙ× ΙΘΕΙΕ × ÙÙΑ, ΑΙΑΑ× Ε× × ΑÇΙ ΕΠΙΑΑ ΟΙΑΑΘΑΥΟΑ ΟΟΘΠΕΘ:

```
exec /usr/local/bin/fluxbox
```

εΥΙΑΠΕΟΑ /usr/local/bin/fluxbox ΙΑ ΟΑΑΙΘΠΙΑ ΙΑΟΟΠΠΠΙΟΑΠΕΑ ΥΑΘΟΟΕΑΑΠΠÇΙ ΑΙΑΙΑ
 Fluxbox. ÷ ΑΑΑΠΠ ΟΙΘΡΑΑ ΕΟΔΠΘΥΟΑΟΟΝ ΔΟΘΘ ΔΠ ΟΠΠΡΑΠΕΑ ΔΟΕ ΟΟΟΑΠΠ× ΕΑ ΕÙ
 ΕΟΕΙΑΠΕΠΠ×. οΑΔΑΘΘ ΟΠΕΘΑΠΕΟΑ ΕΥΙΑΙΑΠΕΝ Ε ΥΑΕΘΠΕΟΑ ΟΑΑΑΕΟΠΘ, × ΕΠΙΟΠΠΙ × Ù
 ΟΑΑΑΕΟΕΟΙ× ΑΠΕ ΑΑΠΠÙΕ ΑΕΑΕΙ. αΟΙΕ × Ù ΕΟΔΠΘΥΟΑΟΑ startx, × ÙΠΠΠΕΟΑ ΟΙΑΑΘΑΥΟΑ
 ΕΠΙΑΙΑΘ:

```
$ chmod 700 .xinitrc
```

÷ ΟΙΘΡΑΑ .xsession ÙΟΙ ΙΑ ΙΘΟΠΠ. ΠΙ × ΙΑΑΠΠ ΟΙΘΡΑΑ, × ΑΙ ΙΘΟΠΠ ΟΙΥΑΑΘΘ ΑΕΟΑΕΟΠΕΑ,
 × ΕΠΙΟΠΠΕ Fluxbox ΕΘΑΠΕΘ Ο× ΠΕ ΑΕΑΕΙÙ ΕΠΠΕΕÇΘΟΑΑΕΕ:

```
$ mkdir .fluxbox
```

áÓÌÉ × Ù ÍÁ ÓÁÁÌÁÁÔÁ ÙÔÏÇÌ, ÔÏ ÈÏÇÁÁ × ÙÊÄÉÔÁ ÉÚ Fluxbox É ÐÁÒÁÚÁÐÕÓÔÉÔÁ ÅÇÌ, × ÓÁ ÍÁÓÓÒÏÈÈÈ ÁÔÁÔÔ ÐÌÓÁÒÑÏ. (È ÓÏÔÁÍÁÍÉÀ, ÙÔÁ ÄÉÔÁÈÔÏÒÈÑ ÍÁ ÓÏÚÁÁÁÔÓÑ Á× ÔÏÍÁÔÉΡΆÓÈÈ).

2.1.4. Odds and ends

áÓÌÉ × ΑÍ ÏÕÔÍÁ ÐÏÏΥΘ, ÐÒÏÓÔÏ ÚÁÊÄÉÔÁ ÍÁ ΑÏÒÔÏ FLuxbox É ÚÁÁÁÊÔÁ ÔΑÍ Ó× ÏÈ × ÏÐÔÏ, Ñ Õ× ΑÒΑÍ, ΡÔÏ ÈÔÏ-ÏÉΑÕÔΘ ΑÕÁΑÔ ÒΑΑ ÍÁ ÍΑÇÌ ÏÔ× ΑÔÉÔΘ. δΑÉÔÁ × Ù ÏÔÁÔÁ ÚÁÁÁ× ΑÔΘ Ó× ÏÈ × ÏÐÔÏ Ù × ÒΑÓÓÏÏÈÄ ÐÏΘÏÏ× ΑÔΑÏÈÉ Fluxbox. óÓÏÏÈÁ ÍÁ ÏÉÓÔ ÏÔÁÔ ΑÛÔΘ ÍÁÊÄÁÍÁ ÍÁ ÓΑÊÔÁ Fluxbox. é ÐÏÔÏÁÁÏÁ ÚΑÍΑΡΑÍΑΑ: Ñ ÒΑÈÏÏÁÔΑ ÓÈÏÐÉÔÏ× ΑÔΘ ΑΕÏÏÏ Ïinit, menu, É titlebar ÉÚ ÄÉÔÁÈÔÏÒÈÈ /usr/local/share/fluxbox × ~/.fluxbox/.

Глава 3. εΙΟΟΘΟΪΑΪΟΥ

3.1. ÷ × ÄÄÄÏÉÄ

Fluxbox ΔΪΟΟÄ×ÏÑÄΟΟÑ Ó ÌÄÄÏΘÏÏ ÉÏΟΟΘΟΪΑΪΟÏ×, ΕÏΘÏΘÛÄ ΔÏÏÏÇÕ ÓÄÄÏÄΟΘ ×ÄÛÕ
 ΟΕÛÏΘ ÌÄÏÏÇÏ ÌÄÇΡÄ É ΔΟÄÄÏΟΟÄ×ÏÑÄΟ ÄÏΘÏÏÉΟÄÏΘÏÛÄ ×ÏÛÏÏÏΟΕ. δÏ ΘÏÏΡÄÏÉÄ, ÏÉ
 ΟΟΟÄÏÄ×ÏÄ×ÄÄΟΟÑ ΘΟÄÄ ÖÄ, ΕΘÄÄ ΟΟΟÄÏÄ×ÏÉ×ÄÄΟΟÑ ÄÉÏÄΟÏÉÉ fluxbox, ΟÏ ÄΟΟΘ
 /usr/local/bin, ÄΟÏÉ ×Û ÌÄ ÌÄÏÑÏÉ ΔΟÄÆÉÉÕ × ΔΟÏÄÄΟΟÄ ΕÏÏÆÉÇΟΘÄÄÉÉ.
 äÏΘÛÉÏΟ×Ï ÄÉΟΟΘÉÄΟΕ×Ï× ΕΟΔÏΘÛΟÄΟ ÄΟΘÇÏÄ ÌÄΟΟÏΘÏÏΟÄÏÉÄ, ΟÄÉ ΡΘÏ ÄΟÏÉ ×Û
 ΟΟΟÄÏÏ×ÉÏÉ fluxbox ΕÛ ΔÄÉÄΟÏ×, ΟÉÏΘÄÄ ×ΟÄÇÏ ×Û ÌÄÉÄÉΘÄ ÄÉÏÄΟÏÉÉÉ × /usr/bin.

3.2. fbrun

fbrun × ÏΟÏÏ×ÏÏ ÛÉ×Ä×ÄÏÄÏΟÄÏ ÄÉÄÏÏÇÕ "Run..." × ÄΟΘÇÉÉ ÏÉÏÏÛÉ ÌÄÏÄÄΟÄΟÄÉ. üÏÏ
 ÛÏÄΡÉΘ ΡΘÏ Ó ΔÏÏÏÝΘÄ ÌÄÉ ΘÄÏÄÏÏ ÛÄΘΘΟÉÄΟΘ ΔΟÏÇΟÄÏÛ, ΕÏΘÏΘÛÉ ÌÄΟ × ÌÄÏÄ ÉÏÉ ÄÏÑ
 ΕÏΘÏΘÛÉ ÏΟΘÏÛ ÄÏΘÏÏÉΟÄÏΘÏÛÄ ΔÄΟÄÏÄΟÛ.

Another way fbrun can be useful is to be called from the menu with a preloaded command line that you can edit and then execute. An example might be sshing to a very long host name with lots of options of which one changes all the time. In this case, you could add an entry for fbrun to your menu that contains all the options and the host name. When you use said entry, you could edit the line as necessary and execute it.

fbrun ÉÏÄÄΟ ΘÄÛÏÉΡÏÛÄ ÏΔÄÉÉ:

-font [font name]	ÛΘÉÆÕ
-title [title name]	ÛÄÇÏÏÏ×ÏÉ
-text [text]	ΘÄÉΟÕ
-w [width]	ÛÉΘÉÏÄ ÏÉÏÄ × ΔÉÉΟÄÏÄÉ
-h [height]	÷ÛΘÏΘÄ ÏÉÏÄ × ΔÉÉΟÄÏÄÉ
-display [display string]	Display name
-pos [x] [y]	δÏÛÉÄÉÑ ÏÉÄ × ΔÉÉΟÄÏÄÉ
-fg [color name]	ã×ÄÖ ΘÄÉΟÖÄ
-bg [color name]	ã×ÄÖ ÆÏÏÄ
-a	Antialias
-hf [history file]	æÄÉÏ ΕΟΘÏΘÉÉ (ΔÏ ΘÏÏÏΡÄÏÉÄ ~/.fluxbox/history)
-help	δÏÉÄÛÄΟΘ ΟΔΟÄ×ÉÕ

äÏΘÛÉÏΟ×Ï ΕÛ ÛΘÉÉ ÏΔÄÉÉ ΔÏÏÑΘÏÛ ÄÄÛ ÄÏΘÏÏÉΟÄÏΘÏÛÉ ÌÄΒÑΘÏÄÏÉÉ, ÛÄ
 ΕΟÉÏÄΡÄÏÉÄÏ ÄÄÛ×Ä ΡΘÏ ÏΔÄÉÉ **-text** É **-hf**. δÄÖ×ÄÑ ΕΟΔÏΘÛΟÄΟΟÑ ÄÏÑ ΘÏÇÏ, ΡΘÏÄÛ
 ÛÄÇΟΘÛÉΘΘ ΘÄÉΟÕ × ÏÉÏ fbrun. äΟÏÉ ×Û ΕÏΘÉΟÄ ΕΟΔÏΘÛÏ×ÄΘΘ ÌÄΟÉÏΘÏÏ
 ÄΟÇΟÏÄÏÏ× (ÏÄΔΘÉÏÄΘ **ssh -x -f**), ÌÄ ÛÄÄÖÄÖÄ ×ÛÑΘΘ ΕÉ × Ä×ÏÉÏÛÄ ÉÄ×ÛΡÉÉ:

```
fbrun -text "ssh -X -f"
```

ἰἸἈἸἸ -hḡ ἰἈἸἰἈἈἈἈ ἈἈἸἸ ἘἸἸἸἸἸἸ, × ἘἸἸἸἸἸἸ fbrun ἘἸἈἸἸἸ ὈἸἸἸἸἸ Ὀ×ἸἸἸ ἘἸἸἸἈἸἈ
(ὈἈἸἸἈ ἘἈἸ ἈἈἸἈἈἈ bash). ÷ ἸἈἸἈἸ ὈἸἸἈἈἈ ὙἸἸ ἰἸἈἸἈ ὈἸἈἸἸ×ἈἸἸ ἰἈ ἰἸἸἸἸ, ὈἸḡἈἈ
ἈἸἈἈἈ ἘἸἸἸἸἸἸ×ἈἸἸἸἸ ἈἈἸἸ ἘἸἸἸἸἸἸἸ ἸἸ ὈἸἸἈἸἈἸἈ. ἘἸἸἸἸἸἸἸ×ἈἸἸἈ ὙἸἸἸ ἰἸἈἸἸἸ
ἸἸἈἈἈ ἈἸἸἸ ὈἈἸἸἸἸἸ, ἘἸḡἈἈ Ὀ ×ἈἸ × ἰἈἸἈ ἈἸἸἸ ἰἈἸἸἸἸἸἸ ὙἈἸἸἈἈἸ fbrun Ἐ ×Ἰ
ἘἸἸἸἈἈ ἈἸἈἈ ἸἸἸ ὈἸἸἈἸἸἸἸἸ ἘἸἸἸἸἸἈ × ὈἈἸἸἈ ἈἈἸἸἈ.

3.3. fluxbox-generate_menu

FIXME: This section has to be written.

×ЕАРЕӨӨ ЭІЕ ×УЕІАРЕӨӨ УАЭІААЭЭ АІН ІӨОААІІІІІІ ІЕІА (ІАОІЕОА ДОА×ІЕ ЕІІДЕІЕ ІУУЕ ІА УАЧІІІ×ЕА ІІЕА, ×УААӨЕӨА ІӨАЕА 'tab'), *ЕІЕ* ×У ІІОАОА ×УЕІАРЕӨӨ ЕЕ ×ІАҮА, ЕОДІІӨУОА ДОІЕӨ ІАІА 'Configuration' -> 'Use Tabs'. ӘІОІА ОІЧІ, ЕАЕ ×У ×УЕІАРЕӨӨА УАЭІААЭЭ, ×У ІІОАОА ЕЕ ×ЕІАРЕӨӨ АІН ІОААІӨІУЕ ІЕІІ, ЕАЕ ІАДЕОАІІ ×УУА.

4.2.3. İĀŸĀĀ İŌĒİĀĤĀİĒĀ ŪĀĒİĀĀİĒĒ

"İĀ İĀ İŌĀ×ŅŌŌŅ ŪĀĒİĀĀĒĒ. İĴŌ İĒ Ņ ĒĒ İŌĒİĀĤĀİĒĒ?"

ēİĪĀĤĪĪ. ÷ ŪĀĀŌĀŌĀ ĐŌĒŌ 'Use Tabs' × İĀİĀ 'Configuration'. Әİ×ŌİŌİİŪĒ ×ŪĀİŌ ŪŌİЧІ ĐŌİĒŌĀ İĀİĀ İӨŅŌŌ ×ĒİĀРЕӨ ŪĀĒİĀĀĒĒ. ūŌİ ŌĀĒŌĀ İŌİİ ĐŌİĀİĀŌŌ, İŌŌĀĀĀĒŌĒİ×Ā× ĄĀĒİ ēİĄĒĒŌŌĀĀĒĒĒ init:

```
session.tabs: true
```

İŌĒİĀĤĀİĒĒ ŪĀĒİĀĀĒĒ İŌİİ ŪĀİĀİĒ× true İĀ false.

4.2.4. ōĀŌĐİİŌĀİĒĀ ŪĀĒİĀĀİĒĒ

÷ İĀİĀ 'Configuration' ĀŌŌŌ İӨĀĒŅ 'Tab Placement'. İİİ İӨŌĀĀĀİĀŌ İĀŌŌİ, ЧĀĀ ĀŌĀŌŌ ŌĀŌĐİİŌĀİŪ ŪĀĒİĀĀĒĒ. ōŌİĒŌ İĀŅŅŌİĒŌ ŌİŪŌİ İӨĀĒĒ 'Relative'. āŌİĒ ŪŌĀ İӨĀĒŅ ×ĒİĀĤĀİĀ, İĀŸĀŅ ĀİĒİĀ ×ŌĀĒ ŪĀĒİĀĀİĒ ŌĀ×İĀ ĀİĒİĀ İĒİĀ. ōİ ĀŌŌŌ, ĀŌİĒ ŪĀĒİĀĀĒĀ İĀİĀ, ĄĒ ĀİĒİĀ Ōİ×ĐĀĀĀĀŌ Ō ĀİĒİĒĒ İĒİĀ, ĀŌİĒ ŪĀĒİĀĀĒĒ Ā×Ā, Ōİ ĀİĒİĀ ĒĀŌĀİĒ ĒŪ İĒĒ ŌĀ×İĀ Đİİİ×ĒİĀ ĀİĒİŪ İĒİĀ. XXX . This option often makes the tabs look unobtrusive and is very popular.

4.2.5. ā×ŌİЧŌŌĐĐĒŌİ×ĀİĒĀ(ā×ŌİЧŌŌĐĐĒŌİ×ĒĀ?)

ēİĴĀĀ ŌŌĀĀŌĀŌŌŅ ĤŌİĀŪ ĐŌĒİŌĀİĒŅ Ā×ŌİĀŌĒĤĀŌĒĒ ŌЧŌŌĐĐĒŌİ×Ū×ĀİĒĒŌ ŌŌĀŪŌ ĐİŌİĀ ŪĀĐŌŌĒĀ. ūŌİ İĀŪŪ×ĀĀŌŌŅ "ā×ŌİЧŌŌĐĐĒŌİ×ĀİĒĀ(?)". ÷ ŪŌİĒĒ ĤĀŌŌĒ ĀİĒĒİĀİŌĀĀĒĒ İӨĒŌĀİĒĒ ĒĀĒ ŪŌİ ŌĀĀİŌĀĀŌ. ōŌĀŌĀĀ ×ŌĀЧІ ×Āİ İŌŌĀİ Fluxbox ×ĀŌŌĒĒ v0.1.11 ĒİĒ ×ŪŪĀ. ā×ŌİЧŌŌĐĐĒŌİ×ĀİĒĀ(?) İĀ ŌĀĀİŌĀĀŌ ×ŌŌĀŌŪĒ ×ĀŌŌĒĒĒ. ūĀŌĀİ İŌŌİİ ŌİŪĀĀŌŌ ĄĀĒİ ~/.fluxbox/groups, ĀŌİĒĒ ĄЧІ ĄĒ İĀŌ. ӘİŌİĀ ŪŌİЧІ ĐİİĀĀİĀĒŌŌŌŌŌ İŌŌĀĀĀĒŌĒİ×ĀŌŌ ~/.fluxbox/init, ĀİĀĀ×Ē× ŌĀĒŌĀ ŌŌŌİĒŌ (ĒİĒ ŌĒĀŪĀŌŌ ĐŌĀ×ĒİŌİŪĒ ĐŌŌŌ Ē ĄĀĒİŌ):

```
session.groupFile: ~/.fluxbox/groups
```

İŌİĒĤİĪ, ŌĀĐĀŌŌ ×ŌĒ İĀ İĀŌŌĀ. ōĀĐĀŌŌ ×Āİ İŌŌİİ ĐŌİŌŌİ ŪĀĐİİĒĒŌŌ ĄĀĒİ groups.

æĩοΐΆΟ ΞΆΈΐΆ ÇÒÕÐÐ

εΆÖÄÄÑ ÓÔÒÏËÁ ΞΆΈΐΆ ΟΐΐÔ×ÁÔÓÔ×ÔΆÔ ΙÔÄÄìØÏÏË ÇÒÕÐÐÄ, ÐÒÏÇÒÁΐΐÙ
ÐÄÒÄΡΈΟΐΝΑÔÔÑ ΡΆÔÁÙ ÐÒΐΆÄì. ðÒΈΐΆÒ:

Пример 4-1. ΞΆΈΐ groups

```
Navigator nedit
xterm
```

üÖÏ ÓΐÛÄÁÓÔ Ä×Á ÇÒÕÐÐÙ, × ÌÄÏË ÄÔÄÔÔ netscape É nedit, Á × ÄÒÕÇÏË - xterm. The
new window will only group itself to other windows on the same workspace and to the last window that
was focused. ρÔΐΆÙ ÐÏÏΡΈÔØ ÉΐÑ, ÈÏÔÏÔΐÄ ÌÄÄÏ ÛÄΐΆÔÔÉ × ΞΆΈΐ ÇÒÕÐÐ, ÌÄÄÄÒÉÔÄ:

```
xprop |awk '/WM_CLASS/{print $4}'
```

É ÈÏËÏËÔÄ ÌÄ ÏËÄ. äÓÏË ÌËΡΆÇÏ ÌÄ ÐÏËÁÛÙ×ÄÄÔ, ÛÄΐΆËËÔÄ \$4 ÌÄ \$3.

Autogrouping from Tabs

This will allow you to popup the root menu, if you right click on the tab and select an application it'll
start grouped to the tab.

Замечание: Grouping this way (from tabs) might interfere with normal autogrouping in a bad way.

4.2.6. ύΆΈΐΆΆΈΈ × ÔÁΐΆÈ

óÖÝÁÓÔ×ÔΆÔ ΙÔÄÄìØΐÄÑ ÇΐÄ×Á, ÐÏÔ×ÑÝÄÏÏÄÑ ύΆΈΐΆΆΈΆΐ × ÔÁΐΆÈ - (Γ.λ. 9).
ðÒÏΡΈÔÄËÔÄ Ä£, ÄÓÏË ÈÏÔÉÔÄ ÉÛΐΆËËÔØ ×ÉÄ ύΆΈΐΆÄÏË × ×ÁÛÄÈ ÔÁΐΆ. (ύΆΈΐΆΆΈΈ ×
ÔÁΐΆÈ ÐÏ ÔÏÏΡΆËËÄ ×ÙÇÏÑÄÑÔ ÈÄË ÛÄÇÏÏ×ÈÈ ÏËÏ; ÈÏÇÄÄ ÌÄÄË ÈÏÔÑÔ ÉÛΐΆËËÔØ ÛÔÏ.)

Пример 5-2. εἰς×ΕΑΟΟΘΙΥΑ ΟἶρεΟΑίΕἼ ἄἰν ΧΜMS

```
Mod1 P :ExecCommand xmms -p
Mod1 F :ExecCommand xmms -f
```

ἄοἶε ὀ × ἄο ἄοοθ ἄἰδἰἰεοἰθἰυἄ εἰς×εὔε (ἰἄδοεἰἄο ἰοἰοοεἰἄἄεἄ εἰς×εὔε) ε × ὕ
 εἰοεοἰ ὀ εε δἰἰἰγῶ ὀδοἰ×ἰἵἵοθ xmms ε × ὕ εε δοἰ×εἰοἰἰ ἰἄοοοἰεἰε × XFree86,
 ἰἰοἰἄἄ δἰοοοδεοθ ὀἄεεἰ ἰἄοἰἰἰ:

Пример 5-3. ἰοἰοοεἰἄἄεἄ εἰς×εὔε ἄἰν ΧΜMS

```
None XF86AudioPlay :ExecCommand xmms -u
None XF86AudioStop :ExecCommand xmms -s
```

ἄἰν ἄἰδἰἰεοἰθἰε εἰεἰοἰἰἄἄεε δἰ xmms δἰρεοἰἄεοἰ × ὕ×ἰἄ εἰἰἰἰἰἰἰ xmms --help

5.2. εἰἰἰἰ εἰς×εὔ

÷ἰἰἰοἰ × ὕ δοἰοἰεοἰ εἄε ἰἄεἰἄεοθ εἰἰἰἰ εἰς×εὔ. ὑἄδοοοεοἰ xev, δἄοἰἰἰἰἰἰἰἰ
 εοοοἰο ἰὑὑε × ἰἰἰἰἰἰ ὀἰἰεἰ ροἰ οἰὑἄἰἰἰἰἰἰ ἰεἰἰ ε ἰἄοἰεοἰ εἰς×εὔο. ÷ἰο ροἰ
 δοἰεὑἰεἄεἰ, οἰε × ὕ ἰἄοἰεοἰ εἰς×εὔο "δοἰ×ἰἵ ὀοοἰἰεἰ":

Пример 5-4. ×ὕ×ἰἄ xev δοἰε ἰἄοἰεοἰ εἰς×εὔε "δοἰ×ἰἵ ὀοοἰἰεἰ"

```
KeyPress event, serial 18, synthetic NO, window 0x2c00001,
root 0x60, subw 0x0, time 3745737930, (373,380), root:(504,526),
state 0x10, keycode 102 (keysym 0xff53, Right), same_screen YES,
XLookupString gives 0 characters: ""
```

ἰἄο εἰοἰἰἰἰἰἰἰἰ εἰἵ εἰς×εὔε, εἰοἰοἰἰ ἰἄεἰἄεοοἵ × οἰεἰἄεἄε × ἰἄοοἰ ὀ keysym. ÷
 ἰἄὑἰἰ ὀἰοἰἰἰἰ ἰὑ δἰἰἰἰἰἰ (keysym 0xff53, Right). οἰ ἄοοθ, εἰἵ εἰς×εὔε - Right.

Special Keys

σοὑἄοο×οἰἰ ἰἄοεἰἰἰἰ ὀἰἰἰἰἰἰἰ εἰς×εὔ. ὑἰἰἰἰἰἰ, ροἰ ἰἰ ἄοἰἰἰ δἰεἰἰἰἰἰ xev
 ὀοἰἰἰ δἰοἰἰ ὀἰἰ, εἄε × ὕ εε ἰἄοἰεοἰ (ἰἰ εἄε ἰἰἄεἰἰἰἰἰἰἰ ε ἄοοεἰ εἰς×εὑἰἰ).

εἰς×εὑἰἰ	εἰἵ × X11
Control, Strg	Control
Alt	Mod1
Super, Meta, Win* Keys	Mod4

Param	Options
0	No skipping.
1	Skip lower tabs.
2	Skip stuck windows.
3	Skip lower tabs/stuck windows.
4	Skip shaded windows.
5	Skip lower tabs/shaded windows.
6	Skip stuck windows/shaded windows.
7	Skip lower tabs/stuck windows/shaded windows.

Таблица 5-2. ἰδιότητες ὁρῶν

ἰδιότητες	ἰδιότητες
Close	ἄνοιξιν ὁρῶν.
KillWindow	ἄνοιξιν ὁρῶν ὁρῶν ὁρῶν ὁρῶν ὁρῶν.
Minimize	Also known as "iconify". Make the window iconified.
ShadeWindow	Put window in the 'shaded' state, or restore from the 'shaded' state.
StickWindow	Toggle a Window's 'sticky' state.
ToggleDecor	Toggle whether or not current window has a border, buttons, and titlebar.
Raise	Bring the window to the 'Top', it will appear 'Above' windows that it overlaps.
Lower	Opposite of Raise.
NextTab, PrevTab	Activate next, prev tab.
MoveTabLeft, MoveTabRight	Move activate tab by the n tabs left/right.
DetachClient	Take client out of tab-group.

Таблица 5-3. ἰδιότητες ὁρῶν

ἰδιότητες	ἰδιότητες
HorizontalIncrement	ἄνοιξιν ὁρῶν ὁρῶν (ἰδιότητες ὁρῶν Note 2).
HorizontalDecrement	ἄνοιξιν ὁρῶν ὁρῶν HorizontalIncrement
VerticalIncrement	ἄνοιξιν ὁρῶν ὁρῶν ὁρῶν (ἰδιότητες ὁρῶν Note 2).
VerticalDecrement	ἄνοιξιν ὁρῶν ὁρῶν ὁρῶν.
MaximizeHorizontal	ἄνοιξιν ὁρῶν ὁρῶν ὁρῶν ὁρῶν.
MaximizeVertical	ἄνοιξιν ὁρῶν ὁρῶν ὁρῶν ὁρῶν.
MaximizeWindow	ἄνοιξιν ὁρῶν ὁρῶν ὁρῶν.

ἄλλοι ἔργα

Resize

ResizeHorizontal

ResizeVertical

ArrangeWindows

ἄλλοι ἔργα

Resize the active window by the specified delta, e.g. **resize -8 -8**.

Resize only horizontal.

Resize only vertical.

Tile Windows magically.

2. HorizontalIncrement / HorizontalDecrement / VerticalIncrement /

VerticalDecrement: It says "one unit" when describing the resizing. This in particular is in regard to `xterm/aterm/Emterm` in that instead of resizing by one pixel, they will add another character-width worth of space.

Other programs should just resize by one pixel.

Таблица 5-4. ἄλλοι ἔργα

ἄλλοι ἔργα

SendToWorkspace

Move

MoveLeft

MoveRight

MoveUp

MoveDown

ἄλλοι ἔργα

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου
 ἰσοπέδου ἰσοπέδου ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου:
 :SendToWorkspace 1

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

Таблица 5-5. ἄλλοι ἔργα

ἄλλοι ἔργα

AbortKeychain

ExecCommand

RootMenu

WorkspaceMenu

Restart

Reconfigure

SetStyle

SetWorkspaceName

SaveRC

ἄλλοι ἔργα

In Multi-binding keychains, cancel the keybinding.
 ÷ ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου :ExecCommand
 xmms -t.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου fluxbox.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου fluxbox,
 ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου. ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου,
 ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου keys, ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου
 slitlist ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου
 ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

.

ἄλλοι ἔργα ὁρίζονται ἡ ἀριθμὸν τῆς ἰσοπέδου.

äÅÊÓ×ÉÀ

ShowDesktop N

Quit

òÁÚÕìØÁÔ

.

÷ÛÊÔÉ ÉÚ fluxbox.

Глава 6. Desktop Backgrounds

Fluxbox, like Blackbox, just has two wrapper utilities for this - In fact, they have the same names the as they do in Blackbox: `bsetroot` and `bsetbg`. Let's see how they work.

bsetroot

`bsetroot` is about the equivalent of `xsetroot`. It can set backgrounds as long as they're simple, like a solid color. `bsetroot` can also set gradients.

bsetbg

`bsetbg` is a higher-level program, sort of. It's actually a wrapper to other utilities that can set backgrounds, such as `wmsetbg`, `Esetroot`, the `display` program from ImageMagick, etc. When it's first run, it will create a `~/.fluxbox/bsetbg` config file, which will set up which programs it can use. You can edit this at any time to select which to use. In order to use 'transparent' applications, such as `xchat` and `Eterm` with transparency, you should use either `wmsetbg` or `Esetroot`.

Overriding theme backgrounds

One of the shortcomings that Blackbox has is that the background is totally dependent on the theme. Whenever you change your theme, you have whatever background the theme author thought was right. A lot of people don't like this behavior. Well, Fluxbox has a way to fix that. Add a line like this to your `~/.fluxbox/init` file:

```
session.screen0.rootCommand: bsetbg -f ~/backgrounds/zimdib_dark.png
```

And whatever you have put there, will be your background, no matter what your theme's author has to say about it.

Глава 7. οΙΕΟ

ΙΑΕΑΠΠΑ ΡΑΟΟΙ ΥΑΑΑ×ΑΑΙΥΕ ×ΙΘΟΙΟ - "ΡΟΙ ΟΑΕΙΑ ΟΙΕΟ?". ΙΑ ΟΙΙΟΟΝ ΙΑ ΟΙ, ΡΟΙ ΥΟΙΟ ΑΙΕΟΙΑΙΟ ΑΥΙ ΙΑΘΕΟΑΙ, Ν ×ΟΕ ΟΑ×ΙΙ ΟΑΑΙΑΙ ΥΟΙΟ ×ΙΘΟΙΟ ΔΑΟ×ΥΙ ×FAQ, ΡΟΙΑΥ ΥΟΙΟ ×ΙΘΟΙΟ ΔΑΟΑΟΟΑΙΕ ΥΑΑΑ×ΑΟΘ ΔΙ ΑΑΟΝΘΟ ΟΑΥ ΙΑ ΑΑΙΘ ΙΑ ΕΑΙΑΙΑ #fluxbox, Α ΟΑΕΟΑ ΡΟΙΑΥ ΟΑΥ×ΑΝΘΟ ΔΟΑΑΔΠΙΟΑΙΕΑ Ι ΟΙΙ, ΡΟΙ ΟΙΕΙ - ΥΟΙ ΑΟΘΧΙΑ ΙΑΥ×ΑΙΕΑ ΔΑΙΑΙΕ ΥΑΑΑΡ.

οΙΕΟ - ΥΟΙ ΙΑΙΑ ΕΥ ΙΙΙΧΕΕ ΡΑΟΟΑΕ Fluxbox, ×ΥΝΘΑΝ ΕΥ Blackbox. ιί ΟΙΥΑΑΙ ΑΙΝ ΟΙΧΙ, ΡΟΙΑΥ ΔΙΙΑΥΑΟΘ × ΟΑΑΑ ΑΙΕΑΔΘΥ WindowMaker (Ε ×ΟΑΧΙ, ΡΟΙ ΥΑΘΟΟΕΑΑΟΟΝ × ΟΑΟΕΙΑ, ΙΑΥΥ×ΑΑΙΙ 'withdrawn' ΕΙΕ (ΟΑΟΑ) 'swallowed'). δΑΕΕΑ ΔΟΕΙΙΟΑΙΕΝ ΙΑΥΠΙ ΕΙΑΑΟ ΙΔΑΕΑ -w, Α ΙΑΕΙΟΙΟΥΑ Α×ΟΙΙΑΟΕΡΑΟΕΕ ΥΑΘΟΟΕΑΑΟΟΝ × ΟΑΕΙΙ ΟΑΟΕΙΑ.

ΙΑΑΙ ΟΑΙΟΟΙ×ΑΔΕΟΘΟΝ, ΡΟΙ ×Υ ΟΙΑΟΑΙΕ Fluxbox Ο ΔΙΑΑΑΟΟΕΙΕ ΟΙΕΟΑ. δΕΙΟΑΑ ×ΟΑΧΙ ΠΑ ΑΟΟΘ. ΙΑ ΟΕΙΙΘΕΙ Ν ΥΙΑΑ, × ΑΕΟΟΘΕΑΘΟΕ×ΙΥΕ ΔΑΕΑΟΑΕ Αε ΟΙΟΑ ΙΑ ×ΥΕΙΑΡΑΑΟ. υΑΙΑΟΘΟΑ, ΡΟΙ ΙΑ ΕΟΔΠΘΥΟΑΥΕΕΟΝ ΟΙΕΟ ΙΑ ΥΑΙΕΙΑΑΟ ΙΑΟΟΙ ΙΑ ΥΕΟΑΙΑ, ΕΟΔΠΘΥΑΟ ΙΡΑΙΘ ΙΑΙΑΙΘΕΙΑ ΕΠΕΡΑΟΟ×Ι ΔΑΙΝΘΕ, Ε ΙΑΥΠΙ ΙΑΟ ΔΟΕΡΕΙΥ ΑΧΙ ΙΟΕΙΑΡΑΟΘ.

÷Υ ΠΙΟΑΟΑ ΥΑΘΟΟΟΕΟΘ ΙΑΑΙΕ ΑΙΕΑΔΘ. ΙΑΘΟΕΙΑΟ, ΑΙΝ xms ΑΟΟΘ ΑΙΕΑΔΘ wxms. δΟΟΟΟΙ ΥΑΘΟΟΟΕΟΑ wxms &, Ε Π ΔΙΝ×ΕΟΟΝ × ΟΙΕΟΑ. ΙΑΕΙΟΙΟΥΙ ΔΟΕΙΙΟΑΙΕΝΙ (ΙΑΘΟΕΙΑΟ gkrellm) ΙΟΟΙΑ ΙΔΑΕΝ -w ΑΙΝ ΟΙΧΙ ΡΟΙΑΥ ΔΙΝ×ΕΟΘΟΝ × ΟΙΕΟΑ.

ϗΑΝ Ν ΙΙΧΘ ΑΙΟΟΑΟΘ ΑΙΕΑΔΘΥ?

αιΝ ΙΑΡΑΙΑ ΥΑΕΑΕΟΑ ΙΑ the Dockapp warehouse(<http://www.bensinclair.com/dockapp>). υΟΙ ΙΡΑΙΘ ΑΠΘΥΙΕ ΟΑΔΙΥΕΟΑΟΕΕ ΟΑΥΙΕΡΠΥΕ ΑΙΕΑΔΙ×. ιΙΟΑΟΑ ΔΙΕΟΕΑΟΘ ΙΑ Freshmeat(<http://freshmeat.net/>), Α ΟΑΕΟΑ ΔΙΟΠΙΟΘΕΟΑ × Ο×ΙΕΙ ΑΕΟΟΘΕΑΘΟΕ×Α.

ΙΑ ΟΟΟΑΙΕΑΑ bbtools(<http://bbtools.windsofstorm.net/>) ΟΙΟΑΟΘΕΟΟΝ ΙΙΙΧΙ ΟΘΕΙΕΟ ΑΙΝ Blackbox/Fluxbox, ΕΙΟΙΟΥΑ ΙΙΧΘΟ ΟΑΑΙΟΑΟΘ × ΟΙΕΟΑ.

αΟΙΕ ×ΕΙΑΡΑΙΑ ΔΙΑΑΑΟΘΕΑ KDE, ΑΔΔΙΑΟΘΥ KDE ΟΙΟΑ ΔΙΝ×ΝΟΟΝ × ΟΙΕΟΑ.

Dockapps.Org(<http://www.dockapps.org/>) - Π×ΥΕ ΟΑΕΟ, ΔΙΟ×ΝΥΑΠΥΕ ΑΔΔΙΑΟΑΙ.

ιΙΧΘ ΙΕ Ν ΕΥΙΑΙΕΟΘ ΔΙ×ΑΑΑΙΕΑ ΟΙΕΟΑ?

ειΡΑΠΙ. δΟΙΟΟΙ ΕΙΕΕΙΕΟΑ ΔΟΑ×ΙΕ ΕΠΙΕΙΕ ΙΥΕ ΙΑ ×ΕΑΕΠΕ ΡΑΟΟΕ ΟΙΕΟΑ Ε ×ΥΑΑΟΕΟΑ ΙΔΑΕΑ. ΙΙΧΕΑ ΕΥ ΥΟΕΕ ΙΔΑΕΝ ΑΙΑΙΙΧΕΡΠΥ ΙΔΑΕΝΙ ΔΑΙΑΙΕ ΥΑΑΑΡ. αΑΕΙΟΟ×ΑΠΠΑ ΙΟΙΕΡΕΑ - Direction. ÷ΑΥ ΟΙΕΟ ΠΙΟΑΟ ΑΥΟΘ ΟΑΟΔΠΠΟΑΙ ΕΑΕ ΧΙΟΕΥΠΙΟΑΙΠΠΙ - Horizontal, ΟΑΕ Ε ×ΑΟΘΕΕΑΙΠΠΙ - Vertical.

εΑΕΑ Ν ΪΪϸ ΕΪΪΑΪΕΘ ΕΪΪΑΘΑΘΑΪΕΑ/Α × ΑΘ ΟΑΑΪΡΑϸΪ ΟΘΪΑ?

÷ ΟΘΕΪΑ × Ϊ ΪΑΕΑεΘΑ ΟΘΘΪΕΘ rootCommand × ΪΑΡΑΪΑ, ΔΪΘΪΑ ΪΑε ΘΪΘΑΘΑΘ ΕΪΪΪΑΪΑ (ΪΑ × ΑΘΪΪ bsetbg) ΑΪΝ ΕΪΪΑΪΑΪΕΝ ΕΪΪΑΘΑΘΑΪΕΝ/Α × ΑΘΑ ΟΑΑΪΡΑϸΪ ΟΘΪΑ. ÷ Ϊ ΪΪΘΑΘΑ ΕΘΔΪΘΪΪ × ΑΘΘ ΑΘΘϸΘΑ rootCommand ΪΑΘΪΕ bsetbg, ΪΪ Ν ΪΑ ΘΪ × ΑΘΘΑ × ΑΪ ΑΑΪΑΘΘ ΪΘΪϸΪ. bsetbg - ΪΘΪ, ΑΕΑΕΘΕΡΑΘΕΕ, ΪΑΪΪΡΕΑ ΑΪΝ ΑΘΘϸΕΕ ΕΪΪΪΑΪΑ ΘΘΘΑΪΪ × ΕΕ ΑΪΑ ΟΑΑΪΡΑϸΪ ΟΘΪΑ. ÷ Ϊ ΘΪΘΕΪ ΪΑΪΪΡΑΑΘΑ ΪΘΘΪΘΑ × ΑΪ ΔΘΪϸΘΑΪΪΘ (ΪΑΔΘΕΪΑΘ, Esetroot Ε Θ.Α.), Ε ΪΑ ΑΘΑΘ × Ϊ × ΘΑΕ ΘΑΪΑΕ, ϸΑΑ ΕΘΔΪΘΪΪΘΪΑΘΘΪ bsetbg.

ΪΪϸ ΪΕ Ν ΑΑΪΑΘΘ ΕΪΪΪΑΪΘΑΘΕΕ × ΘΘΕΪΝΕ?

εΪΪΑΡΪΪ. ΪΑΡΪΕΘΑ ΟΘΘΪΕΘ Ο ΔΑΪΕΘΕΕ (#), × ΪΘΕΪΕΑΑΘΑΪΘΪϸΪ ΪΪΑΕΑ (†), ΕΪΕ ΕΘΔΪΘΪΪΘΕΘΑ C++ ΕΪΪΪΑΪΘΑΘΕΕ (/).

ε ΪΑΪΝ ΑΘΘΘ ΑΪε × ΪΘΘΪΘΪ...

δΪΘΪΘΘΘΘΑ ΪΑ ΘΘΕΪΕ, ΔΪΘΘΑ × ΪΝΑΪΪΑ Θ Fluxbox, ΘΕΪΘΑΑ × ΘΑϸΪ ΘΑΪ × Ϊ ΪΑΕΑεΘΑ ΪΘ × ΑΘΪ ΪΑ × ΑΪΕ × ΪΘΘΪΘΪ. αΘΪΕ ΪΘΪϸΪ ΪΑ ΔΘΪΕΪΪΪΪ - ΑΪΑΘΪ ΔΪΘΑΪΪ × ΑΘΘ ΪΑ ΕΑΪΑΪ #fluxbox × OPN. ΪΪ ΪΕΕ - demerol.

9.2. εΑΘΪΕΘΑΪΪΑ ΘΑΑΑΕΘΕΘΪ × ΑΪΕΑ ΘΑΪ

The majority of this section is taken from or heavily influenced by the man page as of Fluxbox 0.1.13. Usually, the man page is the definite authority on this matter, but this document might be more enlightening to the beginning style author.

αΪΝ ΘΪϸΪ, ΡΘΪΑΪ ΔΪΪΝΘΘ, ΕΑΕ ΟΑΑΪΘΑΑΘ ΪΑΕΑΪΕΪΪ ΟΘΕΪΑΕ, × ΑΪ ΪΘΘΪ ΪΑΪΪϸΪ ΘΪΪΑΘΘ Ϊ ΘΪΪ, ΕΑΕ ΟΑΑΪΘΑΑΘ ΘΑΘΘΘΘΪ X11.

X11 resources consist of a key and a value. The key is constructed of several smaller keys (sometimes referred to as children), delimited by a period (.). Keys may also contain an asterisk (*) to serve as a wildcard, which means that one line of typed text will match several keys. This is useful for styles that are based on one or two colors.

Fluxbox ΔΪΪ × ΪΪΝΑΘ × ΑΪ ΪΑΘΘΘΑΕ × ΑΘΘ ΘΘΕ ΑϸΪ ΪΘΪ × ΪΪΑ ΕΪΪΪΑΪΘΪ: ΔΑΪΑΪΘ ΪΑΑΑΡ, ΪΑΪΑ Ε ΑΑΕΪΘΑΑΕΕ ΪΕΪ. εΪΕΘ Α × ΘΪΪΑΘΕΡΑΘΕΕ ΕΘΔΪΘΪΪΘΑΘ ΟΘΕΪΘ ΔΑΪΑΪΕ ΪΑΑΑΡ, ΪΪ ΪΘΪ ΪΘΑΘ ΑΪΘΘ ΕΪΪΑΪΑΪ, ΑΘΪΕ ΪΘΘΪ. ΪΑΪΑΪΘΕΪΑ ΪΕΪΪΕΪ, ΕΪΘΪΘΑ ΔΪΕΑΪΪ × ΑΑΘ x-y ΔΪΪΕΑΕΑ ΪΕΪ ΔΘΕ ΕΕ ΔΑΘΑΘΑΘΕΕ × ΑΪΕΕ ΕΘΔΪΘΪΪΘΑΘ ΟΘΕΪΘ ΪΑϸΪΪ × ΕΑ ΪΕΪΑ.

÷ ΪΘ ΪΑΘΕΪΘΕΪ ΪΑΪΑΪΘΕΕΕ ΔΘΕΪΑΘΪ ×, ΕΪΑΘΘΘΘΕΘΘΑΪΕΕ ΪΘΪ × Ϊ ΘΕΪΘΑΕΘΕΘΑ:

Interlaced

Interlaced

Interlace

interlace the texture (darken every other line). This option is most commonly used with gradiented textures, but from Blackbox version 0.60.3 on (and thus in all versions of Fluxbox), it also works in solid textures.

Bevel1 / Bevel2

type of bevel to use. Bevel1 is the default bevel. The shading is placed on the edge of the image. Bevel2 is an alternative. The shading is placed one pixel in from the edge of the image.

Apart from the texture description, the option **ParentRelative** is also available, which makes the component appear as a part of its parent.

All gradiented textures are composed of two color values: the **color** and **colorTo** resources. When Interlaced is used in **solid** mode, the **colorTo** resource is used to find the interlacing color.

Παράδειγμα 9-5. Διάφορα

Now, that seems a long list, but remember, when you create your own style, you can easily set lots of keys with a single command, e.g.

Παράδειγμα 9-5. Διάφορα

```
*color:          slategrey
*colorTo:        darkslategrey
*unfocus.color: darkslategrey
*unfocus.colorTo: black
*textColor:      white
*unfocus.textColor: lightgrey
*font:           lucidasans-10
```


is what **exec** means:

“Replace myself with this program, i.e. start it and terminate myself immediately when it finishes.”

So if you put an **exec wmaker** line atop of a **exec enlightenment** line, when **wmaker** is done, so is the script, it never gets to the next line.

See what I mean by being unnecessary? You could just put a bunch of commented-out window manager lines, and it would work just the same.

Another way to do things

As an alternative, you could start up your window manager *first*, and store the process ID in a environment variable:

```
wmaker & wmpid=$!
```

that puts it in the background (&) and puts the process id (\$!) in a variable (**wmpid**). Then, to make your hang point, you can **wait**:

```
wait $wmpid
```

or you could hang on a program you always want to use, like maybe `gkrellm`, by just not backgrounding it. But remember that as soon as you terminate it, so will your X11 session.

Now, I use the `wait` method, because I like picking my window manager before I launch my dockapps and stuff. Also, before doing anything else, I like to change the settings on my X11 server, like the `dpms`, the screen saver, and even add some directories to my font path (fonts I don't want to install universally). And then after everything is done, I like to clean up my fontpath, mainly because if I ran a display manager, its not good at resetting the font path all the time.

Пример А-1. ὀÒÉÍÁÒ ÆÁËÌÁ.xinitrc

```
# turn off screen blanking and f
xset dpms 600 60 60

# add my optional fonts to the font path
xset +fp "$X_FONTPATH"
xset fp rehash

# export the current environment, in case it needs to be debugged
env > ~/.xenv

# window manager
fluxbox & wmpid=$!

bbrun &
```

```
wmCalClock &  
wmxmms &  
  
# HANG POINT - wait for window manager to exit  
wait $wmpid  
  
# restore the x fontpath  
xset fp default
```

Приложение В. ρΑΌŌĭ ŪÄÄ × ÄÄÍŪÄ × ĭΘŌĭŌŪ (FAQ)

1. ρŌĭ ŌÄĒĬÄ "ŌĒĒŌ"?

ðÄŌ × ĭÄ ρŌĭ ĭŌŌĭ ŪĬÄŌŌ, ŪŌĭ Ōĭ, ρŌĭ ŌĒĒŌ ŪŌĭ ĬÄ ðÄĬÄĭŌ ŪÄÄÄρ Fluxbox.

ŌĒĒŌ - ŪŌĭ ĬÄŌŌĭ ÄĬŊ ÄĬĒÄðŊ × (docapps). ōŌŪÄŌŌ × ŌÄŌ ÄÄĬÄŊ ÇĬÄ × Ä, ðĬŌ × ŊŪÄĬÄŊ ŌĒĒŌŌ: Γ.π. 7. ðŌĭρĒŌÄĒŌÄ Äε ðÄŌÄÄ ŌÄĬ ÄÄĒ ŪÄÄÄ × ÄŌŌ × ĭΘŌĭŌŪ "ρŌĭ ŌÄĒĬÄ ŌĒĒŌ" É "ÉÄĒ ŪŌĭ ŌÄÄĬŌÄÄŌ".

2. ĭÇĭ ĬĒ Ŋ ŌÄŌðĭŌŌĒŌŌ ÄĬĒÄðŊ × ŌĒĒŌÄ × ĭΘŌÄÄĬÄĬĬĬ ðĬŊŊÄĒ?

÷ × ÄŌŌĒĒĒ Fluxbox × ŪŪÄ 0.1.10, ÄÄ. ĭÄβŊŌĬÄĬĒÄ ÄÄĒ ŪŌĭ ŌÄÄĬÄŌŌ ĭŌĭĭ ĬÄĒŌĒÉ × Γ.π. 7.

3. εÄĒ ĬÄ ÉŪĬÄĬĒŌŌ ÄĬŌĬÄŌ × ŌÄĬÄĬÉ ĬÄ ðÄĬÄĬÉ ŪÄÄÄρ?

εŪĬÄĬĒŌÄ ŪŌŌ ŌŌŌĭρĒŌ × ÄÄĒĬÄ init:

```
session.screen0.strftimeFormat: %a %d %H:%M
```

ρŌĬÄŪ ðĭŌρĒŌŌ ðĬÄŌĬÄĬŌÄ ÉĬĒŌĬÄÄĒÄ ðĬ ÄĬŌĬÄŌŌ, ĬÄÄÄŌĒŌÄ **man 3 strftime**.

4. Ŋ ÄÄĬÄÄ ÉŪĬÄĬÄĬĒ × ~/.fluxbox/init, ĭĭ ĬĒÉ ðÄŌÄŪÄðĒŌŪ × ÄÄŌŌŊ.

ŪŌĭĭ ŪŪÉÄĒÄ × ÄŌŌĒĒĒ Fluxbox ÄĬ 0.1.8-bugfix2. ðĬŌÄĬŌĒŌŌÄ ĬÄĬĬ × ÉŌÄŌŌ ÄĬ ðĬŌĬÄÄĬÄÉ × ÄŌŌĒÉ ðÄŌÄÄ ŌÄĬ ÄÄĒ ŌĭÄŪÄŌŌ ĬÄ ŪŌĭĭ.

5. εÄĒ ŌÄÄĬŌÄÄŌ ŪÄĒĬÄÄĒÉ?

ŌĭŌŌŌĒŌÄ Γ.π. 4.

6. ðĬŌĬÄ ŌĬÇĭ ÄÄĒ Ŋ × ĒĬÄρĒĬ Anti-Aliasing ĬĒÉ ŪŌĒÄŌŪ ŌŌÄĬÉ ĭÇŌĭĬĬŪĬÉ, ÄÄĒ ŪŌĭ ÉŌðŌÄ × ÉŌŌ?

Ō Xft ŪŌĒÄŌŪ × ÄÄŌŌ ŌÄÄŊ ðĬ ŌÄŪĬĬŌ. äĬŊ ĬÄρÄĬÄ ðĬðŌĬÄŌĒŌÄ ĬÄðĒŌÄŌŌ × ÄÄĒĬÄ × ÄŪÄĒ ŌÄĬŪ (ŌŌĒĬŊ) ŌĬÄÄŌÄŪÄÄ:

```
*.font: Verdana:size=7
```

εĭĬÄρĬĬ × Ū ĬŌÄŌÄ ÉŌðĬŌŪĬ × ÄŌŌ ÄŌŌÇĬÉ ŪŌĒÄŌ É ŌÄŪĬÄŌ, Ĭĭ × ĬÄÄĬ ŌĬŌρÄÄ ŪŌĬŌ ðŌĒĬÄŌ ÄÄŌŌ × ŪŪĬŌĬŌŌŌŌ ĬŌĬÄĬŌŭĭ ðĬŌŪĬ × ÄŌŌŊŊ ĬÄĬÄ. äŌĬÉ ĒĬŌĒŌÄ ðĭŌρĒŌŌ ÉĬĒŌĬÄÄĒÄ ĭ × ÄÄÄĒ ŪŌĒÄŌĬ ×, ĒĬŌĬŌŪÄ × Ū ĬŌÄŌÄ ÉŌðĬŌŪĬ × ÄŌŌ, ðÄŌÄĒÄĒŌÄ É ŌĬÄÄŌÄŪÄĬŌ × ĭΘŌĬŌŪ.

12. εΑΕ Ñ ĩÇÕ ÚÁÐÕÓÉÁÔØ ÐÕÌÇÒÁÍÛ Á×ÕĪÁÔÉΡΆÓÉÉ ÐÕÉ ÚÁÐÕÕÉΆ Fluxbox?

÷ Û ĩĪÕÁÔÁ ÛÕĪ ÐÕĪΡÉÔÁÔØ × Прил. А.

13. ĩÇÕ ĪÉ Ñ ΕÓÐĪØÛĪ×ÁÔØ ÓÓÉĪÉ (ÔÁÍÛ) Blackbox × Fluxbox?

äÁ. δÁÍÛ ÄĪÑ ĪÄĪÉÈ ĪĪĪÛÈ ĪÄĪÄÖÄÕĪ× 100% ÓĪ×ĪÁÓÓÉÍÛ. δΑΕÖÁ ÛÕĪ ÄĪÕĪÄ ÆÙÔØ ÓÐÕÁ×ÄÄĪÉ×Ī ÄĪÑ ÓÄĪÉÈ ÐÕĪÄĒÕĪ×, ΕΑΕ Waimea Ε Openbox, ĩ Ñ ĪÄ ĩÇÕ ÛÕĪ ÇÁÒÁĪÔÉÕĪ×ÁÔØ. ñ ĪÄ ×ΕÄÄĪ ÚÄÑ×ĪÄĪÉÑ ÛÕÉÈ Ä×ÕÈ ÐÕĪÄĒÕĪ× Ī ÓĪ×ĪÁÓÓÉĪÓÓÉ ÓÄĪ Ó Blaxbox, ĩ ÓĪ×ĪÁÓÓÉĪÓÓÉ ÓÄĪ Ó Blackbox - ĪÄĪÄ ΕÛ ÄÄĪÄÈ Fluxbox.

14. εΑΕ ĩÄ ĪÁÓÓÕĪÉÔØ .xinitrc/.xsession?

óĪĪÔÐÉÔÁ Прил. А.

15. δÕΥΆÓÓ×ÕÄÔ ĪÉ ÐĪÄÄÄÖÖÉÁ KDE?

äÁ, ÐÕÉ ÚÁÐÕÕÉΆ configure ΕÓÐĪØÛÕÉÔÁ ĪÐÄÉÄ --enable-kde. ÛÕĪ ÇÁÒÁĪÔÉÕÕÄÔ ÓĪ, ΡÕĪ ΕĪĪÉÈ ÔÕÄÑ KDE ÐĪÑ×ÑÕÕÑ × ÓĪÉÔÁ.

16. δÕΥΆÓÓ×ÕÄÔ ĪÉ ÐĪÄÄÄÖÖÉÁ Gnome?

äÁ, ÐÕÉ ÚÁÐÕÕÉΆ configure ΕÓÐĪØÛÕÉÔÁ ĪÐÄÉÄ --enable-gnome. ÛÕĪ ×ΕĪÄΡΆÁÔ ÐĪÄÓÉÄÛÉÈ Gnome. ÷ ×ÄÕÓÉÑÈ Fluxbox 0.1.12 Ε ×ÛÛÄ ÛÕÄ ĪÐÄÉÑ ×ΕĪÄΡΆĪÄ ÐĪ ÓĪĪΡΆĪÉÄ.

17. BBtools ĪÄ ΕÓÐĪØÛÕÄÔ ĩÉ ĪÁÓÓÕĪÉÈÉ ÓÓÉĪÑ, ÔĪØΕĪ ÐĪÓĪÄ ÐÄÒÄÚÁÐÕÕÉÄ.

δÕĪÓÕĪ ÓĪÛÄÄÉÔÁ ÓÓÛĪÈÕ ~/ .blackboxrc ĪÄ ×ÄÛ ~/ .fluxbox/init, ĪÄÐÕÉĪÄÔ Ó ÐĪĪÛÛÄ ÓĪÄÄÖÄΥÄÈ ΕĪÄĪÄÛ:

```
$ ln -s ~/ .fluxbox/init ~/ .blackboxrc
```

18. δ ĪÄĪÕĪÕÛĪÉ ÓÓÉĪÑĪÉ ÚÄĪÄÄÉÈ ×ÛÇĪÑÄÑÔ ÄÄÛĪÄÖÄÛĪ, ΕΑΕ ÛÕĪ ĩĪÕĪ ΕÓÐÕÁ×ΕÔØ?

äĪÑ ÔĪÇĪ ΡÕĪÄÛ ÚÄĪÄÄÉÈ ×ÛÇĪÑÄĪÉ (ĪÁÓÉĪØΕĪ) ĪØΡÛÄ, ×ÄĪ ĪÄÄĪ ÄĪÄÄ×ΕÔØ ĪÄĪÕĪÕÛÄ ÄĪÐĪĪÉÔÄĪÕÛÄ ĪÐÄÉÈ × ÓÓÉĪÄ. úÄĪÄÔØÖÁ, ΡÕĪ ×Û ĪÄ ĪÄÑÛÄĪÛ ÄÄĪÄÔØ ÛÕĪ, Fluxbox ĩĪÕÁÔ ÓÄĪ ÓÕÓÄĪĪ×ΕÔØ ÐÕÄ×ΕĪÕĪÛÈ Ä×ÄÔ/ÓÓÉĪØ, ĩ ÄÓĪÉ ×Û ΕĪÔÉÔÄ ÐĪĪØΡÉÔØ ÄĪØÛÉÈ ΕĪĪÔÕĪØ ĪÄ ×ĪÄÛĪÉĪ ×ΕÄĪĪ Fluxbox, ×Û ĩĪÕÁÔÄ ÄĪÄÄ×ΕÔØ ÐÕÉĪÄÕĪ ÓÄĪÉÈÁ ÓÕÐĪÉÈ::

Пример В-1. εÛĪÄĪÛÛÄ ÚÄĪÄÄÉÈ ×ÆÄĪÄ ÓÓÉĪÑ

```
! -- tab style (for Fluxbox)
window.tab.justify:                               Right
window.tab.label.unfocus:                        Flat Solid
window.tab.label.unfocus.color:                  rgb:AC/AC/AC
window.tab.label.unfocus.textColor:              black
window.tab.label.focus:                           Raised Solid
window.tab.label.focus.color:                      rgb:CC/CC/CC
window.tab.label.focus.textColor:                  black
window.tab.borderWidth:                           1
```


Label

window.label.focus.color	Color
window.label.focus.colorTo	Color
window.label.focus.textColor	Color
window.label.unfocus	Texture or ParentRelative
window.label.unfocus.color	Color
window.label.unfocus.colorTo	Color
window.label.unfocus.textColor	Color

Таблица С-4. Handlebar styles

window.handle.focus.color	Color
window.handle.focus.colorTo	Color
window.handle.unfocus	Texture
window.handle.unfocus.color	Color
window.handle.unfocus.colorTo	Color

Таблица С-5. Resize grip styles

window.grip.focus	Texture
window.grip.focus.color	Color
window.grip.focus.colorTo	Color
window.grip.unfocus	Texture
window.grip.unfocus.color	Color
window.grip.unfocus.colorTo	Color

Таблица С-6. Window button styles

window.button.focus	Texture or ParentRelative
window.button.focus.color	Color
window.button.focus.colorTo	Color
window.button.focus.picColor	Color
window.button.unfocus	Texture or ParentRelative
window.button.unfocus.color	Color
window.button.unfocus.colorTo	Color
window.button.unfocus.picColor	Color
window.button.pressed	Texture
window.button.pressed.color	Color
window.button.pressed.colorTo	Color

Таблица С-7. Window frame styles

window.frame.focusColor	Color
window.frame.unfocusColor	Color

Таблица С-8. Window frame styles

window.tab.justify	right, left, center
window.tab.label.unfocus	Color
window.tab.label.unfocus.color	Color
window.tab.label.unfocus.textColor	Color
window.tab.label.focus	Color
window.tab.label.focus.color	Color
window.tab.label.focus.textColor	Color
window.tab.borderWidth	Number of pixels
window.tab.borderColor	Color
window.tab.font	Font

Таблица С-9. Font on window label styles

window.font	Font
window.justify	center, left, or right

Таблица С-10. Miscellaneous styles

Border drawn around all components

borderWidth	Number of pixels
borderColor	Color
bevelWidth	Number of pixels
handleWidth	Number of pixels
frameWidth	Number of pixels

Window title bar styles

rootCommand	Color, bsetbg nicepiccy.jpg
-------------	--

Window title bar styles

menuFont	Font
titleFont	Font

snap.pcf.gz -artwiz-snap-medium-r-normal--10-100-75-75-p-90-iso646.1991-irv

ἰἄο εἰῶὰῶῶῶῶ ὀἰῶἔἰ ὀἰ ὀῶῶἔἔ, × εἰῶἰῶῦἔ ἄῶῶ εἰῶἰῶἔἰ ἔἰῆ ὑῶἔἔῶἄ, × ἄἄἰἰἰ ὀἰῶῖἄ ὑῶἰ ὑῶἔἔῶῦ Nu, Drift, Cure ἔ Aquí. ὀἰἰἰἰἰἰ ὑἄἔἰἰἰἰἰἰ ὀἰἰ, ῖῶἰ ἰῶῶἰ ὀἰῶἔῶῶῶ ἄἰῆ ἰἔἔ ὀἰἰἰἰ ἔἰῆ ὑῶἔἔῶἄ X11.

ὀἰῶ×ἄἄἔῶἄ ἔἄἔἰ ἔ ὀἰἔἰἰῶἰἰ ὀἄἔἰῶ ×ἔἄῶ:

14

glisp.pcf.gz -artwiz-glisp-medium-r-normal--11-110-75-75-p-90-iso646.1991-irv
gelly.pcf.gz -artwiz-gelly-medium-r-normal--10-100-75-75-p-90-iso646.1991-irv
edges.pcf.gz -artwiz-edges-medium-r-normal--10-100-75-75-m-50-iso646.1991-irv
nu.pcf.gz -artwiz-nu-medium-r-normal--11-110-75-75-p-90-iso646.1991-irv
drift.pcf.gz -artwiz-drift-medium-r-normal--11-110-75-75-p-90-iso646.1991-irv
cure.pcf.gz -artwiz-cure-medium-r-normal--11-110-75-75-p-90-iso646.1991-irv
aqui.pcf.gz -artwiz-aqui-medium-r-normal--11-110-75-75-p-90-iso646.1991-irv
lime.pcf.gz -artwiz-lime-medium-r-normal--10-100-75-75-m-50-iso646.1991-irv
snap.pcf.gz -artwiz-snap-medium-r-normal--10-100-75-75-p-90-iso646.1991-irv

ὀἰῶἰἄἰἰἰἰ, ῖῶἰ ×ἄἰ ὀἰἔἄἔῶῶῶ ὀἄἰἰἰἰἰ - ἔῶὀἄ×ἔῶῶ ἔἄἔἰ fonts.alias (ἄἰῆ ὀἰῶἰ ῖῶἰἰἰ ἔῶὀἄἰῶἰ×ἄῶῶ ὑῶἔἔῶῦ ὀ ἄὀῶῶἔἔἔ ἔἰἄἔῶἰ×ἔἄἰἔ ἰἄὀἰἔ iso646).

ῶἔἰὀἄἔῶῶ ἄἄἰἰἰῶἰ ἔἄἔἰἰ ὀἄἔἰ×: ἄἰἔἄῶ ἔἰῆ. ἰἄὀἔἰἰἰ, ἄἰῆ ὀἰῶἰ, ῖῶἰἰἰ ὑἄῶῶἄ×ἔῶῶ ὑῶἔἔῶῦ artwiz ὀἄἰἰἰἰἰἰ ὀ ἔἰἄἔῶἰ×ἔἰἔ ISO-8859-2, ὀἄἰἰἰἰἰἰ ὀἄἔἰἔ ἄἰἔἄῶ (×ὀἄ × ἰἄἰἔ ὀῶἰἔἄ).

-artwiz-anorexia-medium-r-normal--11-110-75-75-p-90-iso8859-2
-artwiz-anorexia-medium-r-normal--11-110-75-75-p-90-iso646.1991-irv

÷ ὑ ὀἄἔῶἄ ἰἰὀἄὀἄ ἔῶὀἄἰῶἰ×ἄῶῶ ἰἔἔ fonts.dir(<http://fluxbox.sourceforge.net/download/fonts.dir>)
ἔ fonts.alias(<http://fluxbox.sourceforge.net/download/fonts.alias>) , ἰἔἔ ὀἰἰἰἰἰἰἰἰ×ἄἄῶ ISO-8859-1, ISO-8859-2, ἔ iso10646-1 (UTF-8). ἄὀἰἔ ×ὑ ὀἄἰἰἰἰἰἰἰ ×ὀἔ ἔἄἔ ἰἔῶῶἰἰ ×ὑὑἄ, ×ἄἰ ἰἄ ὀἰἔἄἔῶῶ ἰἄἰῆῶῶ ×ἄὑἔ ἰἄὀὀἰἔἔἔ ἰἔἄἰἔ ἰἄ C ἔἰἔ POSIX. ἔ ×ὀἄ ὀἰἔἰἰὀἄἰἔῆ (ἰἄ ὀἰῶἔἰ Fluxbox) ἄὀἄὀὀ ὀἄἰἰἰἰἰἰἰ ὀἄἔ, ἔἄἔ ἄἰὀἰὑ, ἄἄὑ ἰὑἔἄἰἔ "can't convert character set" ἔἰἔ ὀἰἰἰἰἰἰἰἰ.

ΕΙΛΕΙΟΙΑÄÄÄ ΕΙΟΙΟΟΑ ΙΙ ΥΑΕΙΡΑΟ ΟΥΙΑΟØ. ιΑ×ΑΟΙΙ ΙΙ ΔΙΘΟΙΟΕΟ ×ΑΟ ΟΑΑΙΑΟØ
 ΟΙΑΑΟΔΥΑΑ. υΟΙ ΑΙ×ΙΙΟΙΙ ΑΠΘΥΑΝ ΔΑΑΙΟΑ, ΙΙ ×ΟΝΕΕΕ ΡΑΙΙ×ΑΕ, Ο ΕΙΟΙΟΙΟΙ ΑΟΟØ ΙΘΥΟ
 ΟΑΑΙΟΥ × Unix, ΟΙΙΟΑΟ ΟΑΑΙΑΟØ ΥΟΙ. εΕ ΑΑ, ×ΑΙ ΔΠΑΑΙΑΕΟΟΝ ΙΟΙΑΑΡΕΕ GNU - gdb.

ΔΑΟΑΟΑΙΟΕΑ Fluxbox

ää, ×Ù ΔΟΑ×ΕΙΟΙΙ ΔΟΙΡΕΟΑΙΕ. ΡΟΙΑÙ ΟΑΟØ ΙΑΟΟΙΝΥΕΙ ΙΟΙΑΑΡΕΕΙΙ, ×ΑΙ ΔΟΕΑΑΟΟΝ
 ΔΑΔΑΟΙΑΔΑΟØ Fluxbox Ο ΙΟΙΑΑΙΡΥΙΕ ΟΕΙ×ΙΙΑΙΕ.

οΙΑΑΟΕΟΑ Fluxbox ΕΑΕ ΙΑΥΡΠΙ, ΟΠΘΕΙ ΑΙΑΑ×ØΑ ΟΙΑΑΟΔΥΕΑ ΙΔΑΕΕ ΕΙΟΑΑ ΑΟΑΟΑ
 ΑΑΙΑΟØ "make":

```
$ CFLAGS=-Wall -g3 CXXFLAGS=-Wall -g3 make
```

αΟΙΕ ×Ù ΕΟΔΠΙΟΥΟΑΟΑ srpm Ο ΟΑΕΟΑ Fluxbox ΕΙΕ ×ΑΥΑΟΙ ΑΕΟΟΟΕΑΟΟΕ×Α, ΙΙΟΑΟΑ
 ΟΑΑΙΑΟØ ΡΟΙ-ΟΙ ΔΙΑΙΑΙΑ:

```
$ su
# rpm -ivh fluxbox-0.1.11.lmdk.src.rpm
# cd /usr/src/RPM/SPECS
# env DEBUG=true rpm -ba fluxbox.spec
# rpm -Uvh --force /usr/src/RPM/RPMS/i686/fluxbox*
# exit
$ mkdir -p ~/src/fluxbox
$ cp -R /usr/src/RPM/BUILD/fluxbox* ~/src/fluxbox
```

ΔΑΟΑΕΑΕΟΑ × ΑΕΟΑΕΟΙΟΕΑ Fluxbox (ΙÙ ΟΑ ΕΙΟΕΙ ΔΠΘΡΕΟØ core dump × ΔΟΑ×ΕΙΟΙΙ
 ΙΑΟΟΑ), ΡΟΙΑÙ ΟΑΙΟΟΙ×ΑΔΕΟΘΟΝ, ΡΟΙ core-ΑΕΕΙÙ ΟΑΥΟΑΥΑΙÙ ΙΑΠΙΡΕΙΕ, ΙΑΑΑΟΕΟΑ:

```
$ ulimit -c unlimited
```

ύΑΔΟΟΟΕΙ X11 Ε ΙΑΡΙΑΙ ΙΟΙΑΑΕΟ. äΑΙΑΕΟΑ ΟΙ, ΡΟΙ ΔΟΕ×ΑΙΙ Ε ΙΥΕΑΕΑ. ε ΟΑΔΑΟØ
 ΔΟΕΟΟΘΕΙ Ε ΟΙΑΟΟ×ΑΙΙ ΙΟΙΑΑΕΑ:

```
$ gdb fluxbox core
```

ε ΙΑΑΑΟΕΟΑ ΟΙΑΑΟΔΥΟΑ ΕΙΙΑΙΑΟ × gdb (ΔΑΟ×ΑΝ ΡΑΟΟØ ΥΟΙ ΟΟΟΙΕΑ ΔΟΕΟΙΑΥΑΙΕΝ
 gdb, ΥΟΙ ΙΑΑΕΟΑΟØ ΙΑ ΙΑΑΙ :):

```
(gdb) where
```

÷ Ù Ο×ΕΑΕΟΑ ΙΙΟΙ ΕΙΛΕΙΟΙΑÄÄΕ. Fluxgen ΕΙΡΑΟ ΥΙΑΟØ ×ΟΑ, ΡΟΙ ΙΑΡΕΙΑΑΟΟΝ Ο #.

οΑΕΡΑΟ ×ΟΑ×ØΑ ΥΟΙ × e-mail fluxgen'Ο Ε ΟΑΕΟΑ ΔΟΕΑΟΟΑΡΟΑ ΑΕΕΙÙ ΙΑΟΟΔΙΑΕ,
 ΕΙΟΙΟΥΑ ΙΑΕΙΑΝΟΟΝ × ~/.fluxbox/.

