

Dimmer

COLLABORATORS

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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

Dimmer

1.1 MBlank 1.05 - Modules/Dimmer

Dimmer.

Introduction...

Requirements...

ToolTypes

History...

Bugs...

1.2 MBlank 1.05 - Modules/Dimmer/Tooltypes

- MODE=NICE|BAD
default: BAD

If MODE=NICE, Dimmer.blm will only dim the frontmost screen if it is a public-screen on which it was able to get a lock, otherwise it will exit FALSE, which will cause MBlank to use 'Black-Screen'.

If MODE=BAD, Dimmer.blm will always dim the frontmost screen.

- TARGET=number
default: 50

An integer between 0 and 100, it is interpreted as a percentage.

- STEPS=number
default: 16

In how many steps should the dimming take place.

- DELAY=number
default: 0

Delay in 1/50 of seconds, between two consecutive steps.

1.3 MBlank 1.05 - Modules/Dimmer/Bugs

-Dimming algorithm not entirely accurate.
(to say the least!)

1.4 MBlank 1.05 - Modules/Dimmer/Requirements

Dimmer.blm uses the mathffp.library(v37).

1.5 MBlank 1.05 - Modules/Dimmer/Introduction

Dimmer.blm This module will dim the screen down to a user- ←
specified
percentage of its original brightness.
Dimmer can operate in two modes. MODE=BAD and MODE=NICE.
The mode can be set via a tooltype in the Dimmer.blm
icon. (Dimmer.blm.info)
See also the
tooltypes
.

Even though this module uses illegal methods, it hasn't caused me and my A1230 III 50 MHZ + 4 MB any problems. Read the history for more information.

1.6 MBlank 1.05 - Modules/Dimmer/History

Dimmer.blm
+First 'real' module: Dimmer.blm, dims the frontmost screen,
if it's a public screen else fails. (BlackScreen)
It works, but is usable only on non-AGA machines, unless
you're not worried about having your 8-bit colour-values con-
verted into 4-bit values.
+Make Dimmer work on frontmost screen instead of def.pub.screen.
+Now uses intuition base's FirstScreen, it's a bad hack really.
Seems to work fine though, with:
CynusEdPro3.5, DPaintIV(AGA), PPaint2.1, FastView,
XiPaint2.3demo, ImageEngineer3.0demo, Clouds1.0,
PhotoGenics1.1demo(doesn't dim picture in fast-ham),
ImageFX2.5(only dims toolbar), MainActor1.55,

Clarissa2.0, ArtEffect1.0demo, QT1.1(QuickTime-player),
WinPlay1.0, TVTextPro1.05, NWiper2.0, MandelBrot,
PicView2.02, Pixel3d-Pro, Modeler version 1,
Final-Data release 1, Cando2.511(dims toolbar),
UltraAccounts3.0, EasyCalc2.0, DOPUS4.12CU, Aural
Illusion1.17, OctaMED5.04, TechnoSoundTurbo2,
Bars&PipesPro1.0e, Extruder2.4 etc.

Doesn't work too well with HAM-screenmodes.

Doesn't work with/on AMOS screens.

+Dimmer split up in 2 versions: HackDimmer, Dimmer.

10-01-1997

+3 new tooltypes: TARGET=target percentage(0-100)

STEPS=in so many steps

DELAY=delay in 1/50 secs. between steps

Dimmer.blm 1.03:

+Fused HackDimmer and Dimmer into 1 dimmer. HackDimmer=no longer.

Added MODE tooltype:

-MODE=NICE only dim if frontmost=pubscreen.

-MODE=BAD allways dim frontmost-screen.

+Inserted some code for AGA-precision, not functional yet
because I'm missing some documentation.

+Fixed: Dimmer doesn't release pubscreen bug. Used gb_Flags(a5)
instead of dim_Flags(a5).

Dimmer.blm 1.04:

+Not changed.

TODO:

-Make it a little faster + eliminate use of mathffp.library.

-Revise dimming algorithim if AGA-precision gives strange results
like with the 4-bit version.
