

HSML_Greek

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COLLABORATORS

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Chapter 1

HSML_Greek

1.1 Contents

HighSpeed MathLibs 44.50 beta 2 Άδβαάείτς (12.10.2002) άέα MC68881/82

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S H A R E W A R E

ΆέόάũāÞ ΆάίέΥò ðεçñïöïñßàð òuí HSMathLibs.

ΆέάέÛ Άíññßοίάόά Άέάòß íá ÷ñçóέïïðíέÞòú òέð HSMathLibs;

ΆðάέòÞόάέò Óé áðάέòáßðάέ áέα òç ÷ñÞóç òuí HSMathLibs;

ΆάέάòÛóόάόç Ðùð èá ááέάόάóòÞòú òέð HSMathLibs;

ΆðááέάòÛóόάόç Ðùð èá áðááέάόάóòÞòú òέð HSMathLibs.

ΆíúóòÛ ÓòÛείάόά ΆíúóòÛ óòÛείάόά έάέ ðñíáεÞíάόά.

ÍÝάð áεäüóάέò Ðùð íá áíáάάειßóáðá.

Ðãñέíñέóïïß Ðãñέíñέóïïß òçð Ýέäïóçð áðßáάείτςð.

ΆάãñáóÞ Ðùð ìðíñÞ íá áããñáóÞ;

ΆέέάέÞíάόά ΆέέάέÞíάόά.

Éóóïñßά Óýíòñç έóóóïñßά.

Οί ÌÝέεïï ÌáεεïíóέέÛ ó÷ Ýάέα.

Άð÷áñέóòßàð Άð÷áñέóòÞ òïð

Άçíέíòñäüð Ðùð íá áðέέíέíúíÞóáðá ìá òíí äçíέíòñäü.

ΆðñáðÞñέí ΆðñáðÞñέí òuí ìäçäέÞí.

1.2 ΆέόάũāÞ

ΆέόάũāÞ: ~~~~~

Íé "HSMathLibs" áíðέέάέέóóíýí òέð áέáέέίèÞéåð "mathieedoubbas.library", "mathieedoubtrans.library", "mathieeesingtrans.library" έάέ "mathtrans.library" έάέ áέíñèÞíïí Þ áíðέέάέέóóíýí òέð áέáέέίèÞéåð "mathffp.library" έάέ "mathieeesingbas.library" ìá áέäüóάέò ááέòέóóðíðíέçí Ýíáð áέα òíí MC68881/82. Ç áέñßááέα áßíάέ áíßóïð òççèÞ ìá òέð áñ÷έέÝò áέáέέίèÞéåð ðïð Ýñ÷ííóάέ ìá òí Ami-gaOS 3.x (ìáñέέÝò èáέóïòñáßàð áßíάέ áέüìá ðέü áέñéááßáð). Íé "HSMathLibs" áßíάέ ãñáìÝíáð óá assembler áέα òçí ìÝáέóòç äðíáðÞ áðέòÛ÷óíóç.

Background: Ίε άεάεέιεΨεάδ οίτo AmigaOS 3.x έάέ οίτo FMath406 (Fast Math Libraries v40.6 άδύ οίτi Martin Berndt) άβίάέ άνεάδÜ άñάδ (-ñçóείηδτείγί άίóρεΨδ δίτo i MC68040 δñΨδάέ ίά άññάεΨάέ). Ί MC68060 άάί δδίóδçñβæάóάέ έάί. ρóέ άδίτoÜóέóά ίά άίάδóγίτu óέδ "HSMathLibs". ΆδάέαΨ i MC68881/82 άάί δδίóδçñβæάóάέ έάέÜ άδύ οί έάέóίτñάέεü έάέ δίεείβ ÷ñΨóóάδ æΨóçóάί ίέά Ψέαιóç δίτo δδίóδçñβæάέ άóδü οί FPU, άδίτoÜóέóά ίά έÜίτu ίέά Ψέαιóç ούη HSMathlibs έέά οίη MC68881/82.

1.3 ΆέάέέÜ Άίτñβóίάóά

ΆέάέέÜ Άίτñβóίάóά ούη "HSMathLibs": ~~~~~

- 1.) έάεΨδ άβίάέ άñάñΨίάδ δεΨñùδ óά assembler, üέάδ ίέ έάέóίτñάέεü άβίάέ δίεγύ άñΨάññάδ
- 2.) άέάέέΨδ άέäüóάέδ ούη "HSMathLibs" έέά MC68881/82, MC68040 έάέ MC68060
- 3.) δίεγύ δέη άñΨάññάδ άδύ óέδ άέάέέιεΨεάδ οίτo AmigaOS 3.x έάέ οί FMath406 (Fast Math Libraries v40.6 άδύ οίη Martin Berndt); i MC68040 άβίάέ 21 άñçāññüóāññìδ άδύ οί AmigaOS 3.x óέΨóί έάέ 10 άñçāññüóāññìδ άδύ üóέ ίά οί FMath406
- 4.) ίέ "HSMathLibs" äüέäγίóί óóη DraCo
- 5.) ΔεΨñçδ δδίóδΨñέίç ούη δññāññüÜδúη "BlizKick", "LoadResident" έάέ "LoadModule".
- 6.) ίέ "HSMathLibs" άάί άβίάέ άέñέάΨδ

1.4 ΆδάέóΨάέó

ΆδάέóΨάέó: ~~~~~

- Amiga Ψ DraCo - AmigaOS 2.0 (V37) Ψ έάέγóάññ - MC68881/82

Άί άέάέΨίάóά ίέÜ άδύ óέδ άδέέίāΨδ "mathffp.library" Ψ "mathieeesingbas.library" έάóÜ óçί äāέáóÜóóάóç, ίδññάβ ίά ÷ñāέáóóάβóά Ψίά άδύ óά áέüείτöέä δññāññüñíáóά:

- BlizKick (óóη Internet óóç äέäγέδίóç "http://www.iki.fi/sintonen/sw.html" Ψ óóη Aminet óóη "util/boot/") άί άέάέΨίάóά óçί άδέέίāΨ "BlizKick" Ψ "LoadResident" - LoadModule (óóη Aminet óóη "util/boot/") άί άέάέΨίάóά óçί άδέέίāΨ "LoadModule"

1.5 ΆäέáóÜóóάóç

ΆäέáóÜóóάóç: ~~~~~

Ç äāέáóÜóóάóç ούη "HSMathLibs" ÷ñçóείηδτείέάβ οίη Installer οίτo óóóδΨιάóίδ έάέ άβίάέ δίεγύ άδεΨ. ΊäέέίΨóóά οί δññāññüñíä äāέáóÜóóάóçδ "Install_xxx" (üδίθo xxx äÜæάóά óçί äεΨóóά δίτo δññíóéÜóá) έάέ áεüείτöεΨóóά óά άΨιάóά δίτo δāñέāññüóñíóáέ ääΨ.

ÓÇÍÄÉÜÓÇ!!! Άί Ψ ÷äóä Ψäç ίέά δäέéüδāñç, δεΨñçδ Ψέαιóç ούη "HSMathLibs", δίτo άβóä άβ ÷ä äāέáóóáóáέάβ ÷áέññíεβίçóá άβóä άβ ÷ä δññíδñíεçεάβ ÷áέññíεβίçóá ίáóÜ, ίδññάβ óά ίāñέέΨδ δññέδδóΨάέó ίά άίóέíáóüδβóáóä δññāεΨιάóά. ÓóíáδΨδ óáδ óóññíóεäγίτöíä ίά άίáέñΨóáóä óδ ÷ññíδñíεΨóáέδ Ψ ίά áóáέñΨóáóä óäέάβüδ óέδ "HSMathLibs" ÷áέññíεβίçóá, δñέί äāέáóóóδΨóáóä áóδΨ óç ίΨά Ψέαιóç.

ΔñΨóä ñíóáίβæάóáέ ç óäέβää έáέüóññβóίάóίδ έάέ ç óäέβää άδέέίāΨ. ΊáóÜ ç äāέáóÜóóάóç óóíä ÷βæάέ üδùδ δññāέÜóü.

1.0.0 'ΔāñāέάεΨ άδέέΨίáóä óγδñ äāέáóÜóóάóçδ:' ΆäΨ ίδññάβóä ίά άδέέΨίáóä οίη óγδñ äāέáóÜóóάóçδ ούη "HSMathLibs". Ίδññάβóä ίά άδέέΨίáóä άβóä 'ΔεΨñçδ äāέáóÜóóάóç' (άίóέέάβññ 1.1.0) άβóä 'ΆέέäΨ óçδ äāέáóÜóóάóç' (άίóέέάβññ 1.2.0).

1.1.0 'δεΨñçδ äāέáóÜóóάóç' Ίä áóδΨ óçί άδέέίāΨ äέáέΨááóä οίη έáñíééü δññüδññ äāέáóÜóóάóçδ, i τδñβíδ ίδññάβ ίá ÷ñçóείηδτείέçεάβ äέá δñΨóç äāέáóÜóóάóç Ψ äέá άίçñΨñóç. ¼έá óä áδāñάβóçóä äñ ÷äβá άίóέāññüóñíóáέ έάέ üέáδ ίέ áδāñάβóçóäδ äέέäāΨδ (δ.÷. óóç "startup-sequence") äβññíóáέ. Άί Ψäç Ψ ÷äóä óέδ "HSMathLibs" V.44.50 beta 8 Ψ ίäāέγóäñç äāέáóóóçί Ψίáδ, i óγδññ άίçñΨñóçδ άíññāññíεάβóáέ áóóññíáóä. Óä áóδΨ óç δññβδδóç óä άίóέέάβññ 3.0.0 iΨ ÷ñέ 4.2.5 δññāέάβδññíóáέ. Ί δññüδññ áéüñεüçδ Ψ öññóΨιάóίδ ούη "mathffp.library" έάέ "mathieeesingbas.library" ίδññάβ óüóä ίá äέέä ÷έάβ üññ ίáóÜ οί óΨέíδ óçδ äāέáóÜóóάóçδ ίä óçί άδέέίāΨ 'ΆέέäΨ óçδ äāέáóÜóóάóç' (άίóέέάβññ 1.2.0). Άί äāέáέóóÜóä óέδ "HSMathLibs" äέá δñΨóç öññÜ, Ψ Ψ ÷äóä ίέá Üέεç Ψέαιóç äāέáóóóçίΨίç áέóüδ άδñ áóδΨí δίτo άίáóέΨñāóáέ ääΨ, δñΨδäέ ίá ÷ñçóείηδτείέΨóáóä áóδΨ óçί άδέέίāΨ. Ç äāέáóÜóóάóç óóíä ÷βæάóáέ óóη άίóέέάβññ 2.0.0.

1.2.0 'áεεάαP οçð ãεεάóÜóóáόçð' Ìá áóðP οçí áðεεíτáP ìðññáβóá íá áεεÜíáóá οç ìÝετáí áεúñεùόçð P οññðñíáóñð οúí "mathffp.library" éáé "mathieeesingbas.library". ÈãðññáñÝð ðεçñññññññ ð÷÷:áðεεÜ ìá οέð ìáεúáñðð áεúñεùόçð P οññðñíáóñð ãñβóεíñóáé οóá áíóεéáβñíáíá 3.0.0 ìÝ÷ñε 4.2.5. ÁóðP ç áðεεíτáP ìðññáβ ìá ÷ñçóεíñðñεçεáβ ìúñí áí ç ãáεáóáóóçíÝíç Ýεáñóç οúí "HSMathLibs" áβíáé βáεá ìá áóðPñ ðñð éá ãáεáóáóóáεáβ.

2.0.0 'ÉáóÜ οç áεÜñεáéá οçð ãáεáóÜóóáόçð οúí "HSMathLibs", ìáñεεÜ áñ÷:áβá éá áεεá÷:εíγí P éá áεááñáóññí. Èá εÝεáóá ìá áβíáé áíóβáñáóññí οúí áñ÷:áβññ áóðPñ; ' Ááð ìðññáβóá ìá ìñβóáóá áí εÝεáóá ìá áçñεíññáçεáβ áíóβáñáóññí áóóáεáβáð P ù÷:é. ÷÷:áðá οέð áðεεíτáÝð 'íáé' (áíóεéáβñíáñ 2.1.0) éáé 'ù÷:é' (áíóεéáβñíáñ 2.2.0).

2.1.0 'íáé' Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ç ìðññáβ ðññóáβñíáóáé, οúòá ùεá óá áñ÷:áβá ðñð éá áεεá÷:εíγí P áðáíááñáóññí éáóÜ οçí ãáεáóÜóóáόçç éá οùεíγí. Áóðñ ðñ ãíóβáñáóññí ìðññáβ ìá áðáíáóáñεáβ (áðáíááñáóáβ) ÷ñçóεíñðñεíññáóð ðñ ðññáñáñíá **ÁðááεáóÜóóáόçç**. Áí Ý÷:áðá OS3.9 éáé οέð math áεáééíεðεáð áðñ ðñ BoeingBag 1 P BoeingBag 2 ãáεáóáóóçíÝíáð, οúòá éá ðñÝðáé ìá áçñεíññáPóáóá Ýíá áíóβáñáóññí (ááβóá **ÁðááεáóÜóóáόçç** áíóεéáβñíáñ 3.0.0). Áí áεáéÝíáóá ðññ óýðñ 'áεεáαP οçð ãáεáóÜóóáόççð' (áíóεéáβñíáñ 1.2.0) áεáóβ ìεá ðññáεáñññβçόçç éáóÜ οçí ðññçáññññáíç ãáεáóÜóóáόçç óáð ðñ áβðá, P áεáóβ ððPñ÷:áí ðññáεPñáóá ìá οέð ðñÝ÷:ñóáð ðññεíβóáéð, οúòá ááí éá ðñÝðáé ìá áçñεíññáPóáóá áíóβáñáóññí áóóáεáβáð.

2.1.1 'Áçñεíññáβá áíóεáñÜóññí. Ðáñáéáεð áðεéÝíáóá ìññáá áβóεíñ P éáóÜεíτáí. ÷÷:áð ððñεáóÜεíτáñ ìá ðñ ìññá "HSML-BAK" éá áçñεíññáçεáβ. ' Ááð ìðññáβóá ìá áðεéÝíáóá οç ìññáá áβóεíñ P éáóÜεíτáí ùðññ ì éáóÜεíτáñ áíóεáñÜóññí "HSML-BAK" ððÜñ÷:áé P éá áçñεíññáçεáβ. Áí ððÜñ÷:áé Páç Ýíá ðáεéúóáññí áíóβáñáóññí áεáβ, éá áεááñáóáβ. Ç ðññáðεéáñÝíç áεááññP áβíáé áβóá "LIBS:" áβóá ç áεááññP ðññ Ý÷:áé ìñεóóáβ óόçç ìáóááεçόçç ENV "HSML-bakdir". Ç ãáεáóÜóóáόçç óññá÷:βáεáóáé óññí áíóεéáβñíáñ 3.0.0, P óññ óýðñ áíçñÝññóçð óññí áíóεéáβñíáñ 5.0.0.

2.2.0 'ù÷:é' Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ðññ ááí ðññóáβñíáóáé, οúòá ááí éá áçñεíññáçεáβ áíóβáñáóññí áóóáεáβáð. Óá áóðP οç ðáñβððóóçç, ðñ ðññáñáñíá **ÁðááεáóÜóóáόçç** ìðññáβ ìá ÷ñçóεíñðñεçεáβ ìúñí óόççí áðεεíτáP "Áóáβñáόçç". Óññ óýðñ áíçñÝññóçð ç ãáεáóÜóóáόçç óññá÷:βáεáóáé óññí áíóεéáβñíáñ 5.0.0.

3.0.0 'ÉÝεáóá óá "mathffp-Patch", "Load-mathffp" + "mathffp.library" P ìúñí οçí "mathffp.library" ìá ãáεáóáóóáεíγí; ' Ááð ìðññáβóá ìá áðεéÝíáóá οçí ìÝετáí áεúñεùόçð P οññðñíáóñð οçð "mathffp.library". Ìðññáβóá ìá ÷ñçóεíñðñεPóáóá áβóá ðññ "mathffp-Patch" (áíóεéáβñíáñ 3.1.0), "Load-mathffp" + "mathffp.library" (áíóεéáβñíáñ 3.2.0) áβóá οçí "mathffp.library" (áíóεéáβñíáñ 3.3.0).

3.1.0 "mathffp-Patch" Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ç áíóñεP "mathffp-Patch" áíóεáñÜóáóáé óññí éáóÜεíτáí C:, éáé ìεá áááñáóP áçñεíññáβóáé óññí "user-startup" P "draco-startup". Ç áíóñεP "mathffp-Patch" áεíñεPñíáé οçí ROM-based "mathffp.library", áíóεéáεεóðññáóð ùεáð οέð óññáñðPóáéð ìá ááεóεúñÝíáð áεáñóáéð. ÌÝ÷:ñε ðññá ááí ððPñ÷:á ðññÝ éáñÝíá ðññáεçñíá ìá áóðP οçí áðεεíτáP óá éáñεÜ AMIGA P DraCo. Áí ááí áβóóá οúóññí Ýíðáεñññ ìá ðñ óýðçññÜ óáð, P áðεÜ εÝεáóá ìá áβóóá óβáñññé, éá ðñÝðáé ìá áεáéÝíáóá áóðP οçí áðεεíτáP. Ç ãáεáóÜóóáόçç óññá÷:βáεáóáé óññí áíóεéáβñíáñ 4.0.0.

3.2.0 "Load-mathffp" + "mathffp.library" Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ç áíóñεP "Load-mathffp" áíóεáñÜóáóáé óññí éáóÜεíτáí C:, ç "mathffp.library" áíóεáñÜóáóáé óññí éáóÜεíτáí LIBS:, éáé ìεá áááñáóP áçñεíññáβóáé óόççí "startup-sequence". Ç áíóñεP "Load-mathffp" οññðñíáé éáé áññááé οçí "mathffp.library". ÓðPñ÷:á ìúñí Ýíá ðññáεçñíá ìá áóðP οçí áðεεíτáP ìÝ÷:ñε óóεáñPð, óá ìεá Amiga 500 ìá Ýíá Blizzard 2040ERC 68040/40 Turbo card. Ç ãáεáóÜóóáόçç óññá÷:βáεáóáé óññí áíóεéáβñíáñ 4.0.0.

3.3.0 "mathffp.library" Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ìεá áεáéεP Ýεáñóçç οçð "mathffp.library" áíóεáñÜóáóáé óññí éáóÜεíτáí LIBS:. ÁóðP ç Ýεáñóçç οçð "mathffp.library" ìðññáβ ìá οññóεáβ óόçç ìñPç éáé ìá áβíáé resident P reset-proof ÷ñçóεíñðñεPñáóð ðññ "BlizKick", "LoadModule", "LoadResident" P Ýíá ðáññññññ ðññáñáñíá (áóóÜ óá ðññáñÜññáóá éá ðñÝðáé ìá Ý÷:ññ ãáεáóáóóáεáβ ðññéí οçí ãáεáóÜóóáόçç οúí HSMathLibs). Ìε áεεááÝð óόççí "startup-sequence" ðññ ÷ññáεÜεíññáé áεá οέð "HSMathLibs" áβñññáé áóóññáóá. ÁεεÜ, áóññ ðññáñÜññáóá óáñ ðññ "BlizKick", "LoadModule", "LoadResident" εðε. ð÷:ááññ ðÜññá ðññÝðáé ìá ãáεáóáóóáεíγí ÷:áεñññεβñçóá, éá ðñÝðáé ìá ÷ñçóεíñðñεPóáóá οçí áðεεíτáP áóðP ìúñí áí áβóóá áññεéáεñÝññ ìá áóðñ.

3.3.1 'Ðñéññ ðññáñáñíá εÝεáóá ìá ÷ñçóεíñðñεçεáβ áεá ðññ ðññóðñíá οçð "mathffp.library"; ' Ááð ìðññáβóá ìá áðεéÝíáóá ðñéññ ðññáñáñíá éá ÷ñçóεíñðñεáβóáé áεá ðññ ðññóðñíá οçð "mathffp.library". Ìðññáβóá ìá áðεéÝíáóá óá "BlizKick" (áíóεéáβñíáñ 3.3.2.), "LoadModule" (áíóεéáβñíáñ 3.3.3.), "LoadResident" (áíóεéáβñíáñ 3.3.4) P 'Üεéñ" (áíóεéáβñíáñ 3.3.5).

3.3.2 "BlizKick" Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ðñ ðññáñáñíá "BlizKick" éá ÷ñçóεíñðñεçεáβ áεá ðññ ðññóðñíá οçð "mathffp.library". ÁóðP ç áðεεíτáP Ý÷:áé ìñçñá áí ÷ñçóεíñðñεáβóá Páç ðññ "BlizKick" (ð.÷.: áεáóβ ÷ñçóεíñðñεáβóá ðññ "EXEC V44", P áεá ìá Ý÷:áðá áεáóññáóéεP Ýεáñóçç Kickstart). Áí ðññ "BlizKick" áβíáé Páç ãáεáóáóóçíÝññ, ùεáð ìε áðáñáβóççóáð áεεááÝð óόçç "startup-sequence" áβñññóáé áóóññáóá. ÁóðP ç áðεεíτáP ðññóáβñíáóáé óñññóð ÷ññPóáð ðññ ÷ñçóεíñðñεíγí Páç ðññ "BlizKick". Áεá ìá ìðññáβóá ìá ãáεáóáóóPóáóá οέð "HSMathLibs" áóóññáóá, ðñÝðáé ìá Ý÷:áðá Páç ðññ "BlizKick" (εáñóç 1.24 beta 6 P ìáááéýóáñç) ãáεáóáóóçíÝññ. Ç ãáεáóÜóóáόçç óññá÷:βáεáóáé óññí áíóεéáβñíáñ 4.0.0.

3.3.3 "LoadModule" Áí áεáéÝíáóá áóðP οçí áðεεíτáP, ðñ ðññáñáñíá "LoadModule" éá ÷ñçóεíñðñεçεáβ áεá ðññ ðññóðñíá οçð "mathffp.library". ÷ñçóεíñðñεPóáóá áóóññ áí εÝεáóá ìúñí ìáñεéÜ modules, ù÷:é οçí ðεPñáð ROM image, ìá οññóεáβ óόçç ìñPç ùð reset-proof. Áí ðññ "LoadModule" áβíáé Páç ãáεáóáóóçíÝññ, ùεáð ìε áðáñáβóççóáð áεεááÝð óόçç "startup-sequence" éá áβñññ

5.0.0 'ΕΥεαοα ία ααεαοαοοαεαβ οί manual αεά οεο "HSMathLibs"? Ααρ ιδιναβοα ία ινβοαοα άί εΥεαοα ία ααεαοαοοαεαβ οί manual P ù÷έ. Ιδιναβοα ία αδεεΥιαοα αβοα 'ίαε' (αίοεεαβιαί 5.1.0) αβοα 'ù÷έ' (αίοεεαβιαί 5.2.0). Αί αεεεΥιαοα 'αεεααP οεο ααεαοαοοαοοα' οάι ογδι ααεαοαοοαοοα (αίοεεαβιαί 1.2.0), οά αίοεεαβιαί 5.0.0 ιΥ÷νε 5.2.0 ααί αιοαίβαεϊοαε, εαερο οά αεαβί οί ογδι ααί ααεαεβοαοαοαε οί manual. Ç ααεαοαοοαοοα ούι "HSMathLibs" ιεϊεεçñþíáοαε ίαοα.

5.1.0 'ίαε' Αί αεεεΥιαοα αοδP οçi αδεεϊαP, οί manual εα ααεαοαοοαεαβ.

5.1.1 'ΔαंनाεεεP αδεεΥιαοα αεβοοα αεά οί manual.' Ααρ αιοαίβαεϊοαε üεαο ιε αεεεΥοειαο αεβοοαο αεά οί manual. ΔαंनाεεεP αδεεΥιαοα οç αεβοοα οίο αδεεοιαβοα.

5.1.2 'Ααεαοαοοαοοα οίο manual. ΔαंनाεεεP αδεεΥιαοα ιιΥαά αβοεϊο P εαοUεϊαϊ. Ααί εα αçιεϊοñαçεαβ οδϊεαοUεϊαϊο.' Ααρ ιδιναβοα ία αδεεΥιαοα εαοUεϊαϊ P ιιΥαά αβοεϊο αεά οί manual. Ç δñíεαεϊνεοιΥίç αεάαññP αβιαε "HELP:xxx" (üοίο xxx ç αεβοοα οίο αδεεΥιαοα ία Υ÷αοα οοί manual). Ç ααεαοαοοαοοα ούι "HSMathLibs" ιεϊεεçñþíáοαε ίαοα.

5.2.0 'ù÷έ' Αί αεεεΥιαοα αοδP οçi αδεεϊαP, ααί εα ααεαοαοοαεαβ οί manual. Ç ααεαοαοοαοοα ούι "HSMathLibs" ιεϊεεçñþíáοαε ίαοα.

Ï εαοUεϊαϊο ααεαοαοοαοοα ούι "HSMathLibs" δαñεΥ÷αε οά αεüεϊοεά αñ÷αβá:

Êçñβùδ εαοUεϊαϊο: Αδουδ ï εαοUεϊαϊο δαñεΥ÷αε οά manuals εαε οά Installer script αεά οεο οδϊοοçñεαüíáíαδ αεβοοαο, εαε οί αñ÷αβί ATO.readme.

ÊαοUεϊαϊο C: - Load-mathffp (ç αίοϊεP "Load-mathffp" ÷ñçοεϊιδϊεαβοαε αεά ία οϊñοβοαε οç "mathffp.library" - αδü οίí εαοUεϊαϊ Libs3 - εαε ία οçi αβίβιαε) - mathffp-Patch (ç αίοϊεP "mathffp-Patch" αίοεεαεεοδU üεαο οεο εαεοϊοñαββαδ οοç "mathffp.library" ία ααεοεüιΥíαδ αεäüοαεδ) - mathieeesingbas-Patch (ç αίοϊεP "mathieeesingbas-Patch" αίοεεαεεοδU üεαο οεο εαεοϊοñαββαδ οοç "mathieeesingbas.library" ία ααεοεüιΥíαδ αεäüοαεδ)

ÊαοUεϊαϊο Install: Αδουδ ï εαοUεϊαϊο δαñεΥ÷αε ίαñεεU δñíαñUííαοα δïο εαεϊγίοαε αδü οίí Installer εαοU οçi ααεαοαοοαοοα εαε αδäαεαοαοοαοοα. Ααί εα δñΥδäε ία αεοαεϊγίοαε ία÷üñεοδU.

ÊαοUεϊαϊο Libs: - mathieeedoubbas.library - mathieeedoubtrans.library - mathieeesingtrans.library - mathtrans.library

ÊαοUεϊαϊο Libs2: - mathffp.library (αεαεεP Υεäïοç οçδ "mathffp.library", δïο ιδιναβ ία οϊñουεαβ reset-proof ία δñíαñUííαοα üδùδ οί "BlizKick", "LoadModule" êδë.) - mathieeesingbas.library (αεαεεP Υεäïοç οçδ "mathieeesingbas.library", δïο ιδιναβ ία οϊñουεαβ reset-proof ία δñíαñUííαοα üδùδ οί "BlizKick", "LoadModule" êδë.)

ÊαοUεϊαϊο Libs3: - mathffp.library (αεαεεP Υεäïοç οçδ "mathffp.library", δïο ιδιναβ ία οϊñουεαβ ία οçi αίοϊεP "Load-mathffp")

ÊαοUεϊαϊο S: - HSMathLibs

ÊαοUεϊαϊο Uninstall: Αδουδ ï εαοUεϊαϊο δαñεΥ÷αε οί δñüαñαííä Αδäαεαοαοοαοοα αεά üεαο οεο οδϊοοçñεαüíáíαδ αεβοοαο.

ÊαοU οçi ααεαοαοοαοοα ούι "HSMathLibs", οά αεüεϊοεά αñ÷αβá ααεαεοοοιγίοαε:

ÊαοUεϊαϊο C: - Load-mathffp (ιüíí αί ç αδεεϊαP "Load-mathffp + mathffp.library" αεαεΥ÷εçεα εαοU οçi ααεαοαοοαοοα) - mathffp-Patch (ιüíí αί ç αδεεϊαP "mathffp-Patch" αεαεΥ÷εçεα εαοU οçi ααεαοαοοαοοα) - mathieeesingbas-Patch (ιüíí αί ç αδεεϊαP "mathieeesingbas-Patch" αεαεΥ÷εçεα εαοU οçi ααεαοαοοαοοα)

ÊαοUεϊαϊο LIBS: - mathffp.library (ιüíí αί ç αδεεϊαP "Load-mathffp + mathffp.library" or "mathffp.library" αεαεΥ÷εçεα εαοU οçi ααεαοαοοαοοα) - mathieeedoubbas.library - mathieeedoubtrans.library - mathieeesingbas.library (ιüíí αί ç αδεεϊαP "mathieeesingbas.library" αεαεΥ÷εçεα εαοU οçi ααεαοαοοαοοα) - mathieeesingtrans.library - mathtrans.library

ÊαοUεϊαϊο S: - HSMathLibs

Êαοαεüαε ENVARC: εαε ENV: - HSML-bakdir - HSML-mathffp - HSML-mathieeesingbas

Üεεε εαοαεüαε P ιιΥααδ αβοεϊο: Οί αίοβαñαοί εαε οί manual (αί αçδPεçεä ç ααεαοαοοαοοα οίο) οϊδϊεαοιγίοαε οοί εαοUεϊαϊ P ιιΥαα αβοεϊο δïο ιñβαεαοα οααβδ.

Δεçñïοñβαδ αεά οί "mathffp-Patch" εαε "mathieeesingbas-Patch" -αί οί αίοεεαβιαί 3.1.0 ("mathffp-Patch") εαε/P οί αίοεεαβιαί 4.1.0 ("mathieeesingbas-Patch") αεαεΥ÷εçεαί εαοα οçi ααεαοαοοαοοα:

Ααί αβιαε οüοί οçiαίοεεü οί δïγ οά patches ("mathffp-Patch", "mathieeesingbas-Patch") αñβοεϊοαε. Ιδïñγί ία αεοαεαοοιγίí αδü ιδïοαPδïοα οοί "user-startup", "draco-startup" P οοçi "startup-sequence", ίαοU οί "SetPatch" (αεüíá εαε ίαοU οί "LoadWB"). ÊαοU οçi ααεαοαοοαοοα ούι "HSMathLibs" αεΥã÷αοαε αί οί "draco-startup" οδUñ÷αε. Αί ίαε, οά patches αεοUαííοαε οοί "draco-startup". Αί οί "draco-startup" ααί οδUñ÷αε, οά patches αεοUαííοαε οοί "user-startup".

Δεçñïοñβαδ αεά οί "Load-mathffp" - αί οί αίοεεαβιαί 3.2.0 ("Load-mathffp" + "mathffp.library") αδεεΥ÷εçεα εαοU οçi ααεαοαοοαοοα:

Ç áíðìēṖ "Load-mathffp" áέóŪāāóáέ óóçí áñ÷Ṗ óçð "startup-sequence". ÊāēṖð ç áíðìēṖ "Load-mathffp", ðìð òìñðṖíāέ óç ṖŶá "mathffp.library", ðìññāḅ íá êāέðìṛñāṖṖóáέ ðìññ íá ç ROM-based "mathffp.library" āāí Ŷ÷āέ áíñē÷ēāḅ āέùíā, áðòù āāí ðñŶḁáέ íá āēēŪíāέ.

Όçíáíðέēù

ΆóāēñŶóāā ùēā óā Ūēēā patches (ð.÷. "FASTIEEE", "ffppatch", "msbpatch", math-patch òìð "MCP") óóέð áέāēíēṖēāð ðāέçíáðέēṖí.

Όā patches òìð "SetPatch" āḅíāέ áíðŪíāέ.

1.6 ΆðāāēáóŪóðáóç

ΆðāāēáóŪóðáóç: ~~~~~

Ìā òì ðñùāñāíā "Uninstall" ðìññāḅā íá āðáíáóŶñāðā (āðáíāāāñŪóāðā) òì áíðḅāñāòì ðìð āçìēíṛñāṖṖóááέ éáðŪ óçí āāēáðŪóðáóç, Ṗ íá áóāēñŶóāā ðέð "HSMATHLibs" áíðāēṖð áðù òì óēēçñù óáð āḅòēí. ÍāēéṖṖóā òì "Uninstall_xxx" (ùðìð xxx ç āēṖṖóá ðìð ðñìðēíŪóā) éáέ óṛíā÷ḅóā óçí áðāāēáóŪóðáóç ùðð ðññēñŪóāðáέ āāṖ.

ḌñṖṖóā ðìðáíḅāēáóáέ ç óāēḅāā áðēēíāṖí. ÍāðŪ ç áðāāēáóŪóðáóç óṛíā÷ḅāēáέ ùðð òāḅíáðáέ ðāñāέŪòù.

1.0.0 'ḌāñāēāēṖ áðēēŶíðā ðŶēíāí áðāāēáóŪóðáóçð:' ÁāṖ ðìññāḅā íá áðēēŶíðā ðŶðì áðāāēáóŪóðáóçð ðùí "HSMATHLibs". ðìññāḅā íá áðēēŶíðā āḅā 'ΆðáíáóíñŪ (āðáíāāāñáðṖ) áíðēñŪòìð áóóāēāḅáð' (áíðέēāḅíāñí 1.1.0) āḅā 'Άóāḅñāóç' (áíðέēāḅíāñí 1.2.0).

1.1.0 'ΆðáíáóíñŪ (āðáíāāāñáðṖ) áíðēñŪòìð áóóāēāḅáð' Áí áέáέŶíðā áððṖ óçí áðēēíāṖ, òì áíðḅāñāòì ðìð āçìēíṛñāṖṖóááέ éáðŪ óçí āāēáðŪóðáóç āðáíáóŶñāðáέ (āðáíāāāñŪóāðáέ). Óā áñ÷āḅā ðìð ðāñēŶ÷ííóáέ óðì áíðḅāñāòì āðáíáóŶññíóáέ (āðáíāāāñŪòìñíóáέ) éáέ ùēā óā áñ÷āḅā ðùí "HSMATHLibs" ðìð āāí āḅíāέ óðì áíðḅāñāòì āēēŪ ðŪŪ÷íð ððì boot partition áēāāñŪòìñíóáέ. ÓṛíāðṖ ðē ðñēíḅóāéð ðìð óóððíáíðìð, ðìð ððṖñ÷áí ðñēí óçí āāēáðŪóðáóç ðùí "HSMATHLibs", āðáíáóŶññíóáέ. Íé áēēāāŶð (ð.÷. óóç "startup-sequence"), ðìð Ŷāēíáí ðāðŪ óçí āāēáðŪóðáóç éáέ óṛíāðṖ āāí ðāñēŶ÷ííóáέ óðì áíðḅāñāòì, ÷Ūñííóáέ. Áí áēá éŪðìēí ēūāí ðìðáíḅóðçēā óóŪēíā éáðŪ óçí āāēáðŪóðáóç ðùí HSMATHLibs, ðñŶḁáέ ðìðáḅḁìðā íá ÷ñçóēíðìēṖṖóāáέ áððṖ óçí áðēēíāṖ.

1.1.1 'ḌāñāēāēṖ áðēēŶíðā óç ðñŪāā āḅòēíṖ Ṗ ðì éáðŪēíāí ðìð ðāñēŶ÷āέ ðì éáðŪēíāí "HSML-BAK".' ÁāṖ ðìññāḅā íá áðēēŶíðā óç ðñŪāā āḅòēíṖ Ṗ ðì éáðŪēíāí ðìð ðāñēŶ÷āέ ðì éáðŪēíāí áíðēñŪòìð "HSML-BAK". Ç ðññāðēēāāíŶíç áēāāññṖ āḅíāέ āḅā "LIBS:" āḅā ç áēāāññṖ ðìð ðñḅāēáóáέ óóç ðāðāāēçðṖ ENV "HSML-bakdir". ḌāñāēāēṖ āēŶāíðā áí áðòù ðāēñēŪāēé óóç ðññḅððùóṖ óáð. Ç áðāāēáóŪóðáóç ðùí "HSMATHLibs" ðēíēççñṖíáðáέ ðāðŪ.

1.2.0 'Άóāḅñāóç' Áí áέáέŶíðā áððṖ óçí áðēēíāṖ, áðē÷āēñāḅáé ç ðēṖñçð áóāḅñāóç ðùí áñ÷āḅùí éáέ āāñāóṖí ðùí "HSMATHLibs" (ð.÷. óóç "startup-sequence") éáέ ç āðáíāāēáóŪóðáóç ðùí áñ÷ēṖí ðāçíáðéēṖí áēāēíēççṖí. Áí éŪíáðā óçí āāēáðŪóðáóç ðùí "HSMATHLibs" ÷āēññēḅíçðā, Ṗ óçí āēēŪíáðā, óā ðāñēŶð ðāñēðṖṖóáéð ḅòùð ðāññòéáóðìŶí ðññāēṖíáðā. Áí, éáðŪ óçí āāēáðŪóðáóç, áēáέŶíðā óçí áðēēíāṖ "mathffp.library" Ṗ "mathieeesingbas.library" éáέ ðāðŪ óçí áðēēíāṖ "Ūēēí", ðùðā ðùí ðā āāēáðāóðçíŶíá áñ÷āḅā áóāēññíŶíóáέ éáέ ðē ðñ÷ēŶð ðāçíáðéēŶð áēāēíēṖēāð āāēáðéóðìŶíóáέ. ¼ēāð ðē āāñāóŶð (ð.÷. óóç "startup-sequence"), ðìð éŪíáðā ÷āēññēḅíçðā, ðñŶḁáέ íá áóāēñāēíŶí áðḅóçð ÷āēññēḅíçðā (ðñēí óçí áðāāēáóŪóðáóç, áí āḅíāέ áṛíáðùí).

2.0.0 'ÈŶēāðā íá áēāñāóāḅ òì "HSMATHLibs" manual;' ÁāṖ ðìññāḅā íá ðñḅóāðā áí èŶēāðā òì manual ðùí "HSMATHLibs" íá áēāñāóāḅ Ṗ ù÷é. ðìññāḅā íá áðēēŶíðā āḅā 'íáé' (áíðέēāḅíāñí 2.1.0) Ṗ 'ù÷é' (item 2.2.0).

2.1.0 'íáé' Áí áέáέŶíðā áððṖ óçí áðēēíāṖ, ðì manual èā áēāñāóāḅ.

2.1.1 'ḌāñāēāēṖ áðēēŶíðā ðì manual.' ÁāṖ ðìññāḅā íá áðēēŶíðā ðì manual ðìð èā áēāñāóāḅ. Ç ðññēāēñēóíŶíç áēāāññṖ āḅíāέ "HELP:xxx" (ùðìð xxx ç āēṖṖóá ðìð áēáέŶíðā áēá óçí áðāāēáóŪóðáóç). ḌāñāēāēṖ āēŶāíðā áí áðòù ðāēñēŪāēé óóç ðññḅððùóṖ óáð. Ç áðāāēáóŪóðáóç óṛíā÷ḅāēáóáέ óðì áíðέēāḅíāñí 3.0.0.

2.2.0 'ù÷é' Áí áέáέŶíðā áððṖ óçí áðēēíāṖ, ðì manual āāí áēāñŪóðáóé.

3.0.0 'ḌāñāēāēṖ áðēēŶíðā ðì éáðŪēíāí ðìð ðāñēŶ÷āέ ðēð áñ÷ēŶð math libraries.' ÁāṖ ðìññāḅā íá áðēēŶíðā ðì éáðŪēíāí ðìð ðāñēŶ÷āέ ðēð áñ÷ēŶð ðāçíáðéēŶð áēāēíēṖēāð. Íé áñ÷ēŶð ðāçíáðéēŶð áēāēíēṖēāð ðìññíŶí ð.÷. íá ðñāēíŶí óóç áέóéŶðā Ṗ ðì CD Workbench, āēēŪ óā éāíēŪ ðññḅððùóç óðì éáðŪēíāí "Libs" ðìð áēāíāñḅóíáðìð óóððíáíðìð Ṗ āēēḅíççð. Ç ðññāðēēāāíŶíç áēāāññṖ ðñḅāēáóáέ óŶíòùíá ðā óçí Ŷēāíóç ðìð OS ðìð āḅíāέ āāēáðāóðçíŶíñ. Óðì OS 2.0 áðòù āḅíāέ "Workbench2.0:Libs", óðì OS2.1 "Workbench2.1:Libs", óðì OS3.0 "Workbench3.0:Libs", óðì OS3.1 "Workbench3.1:Libs", óðì OS3.5 "AmigaOS3.5:OS-Version3.1/Workbench3.1/Libs" éáέ óðì OS3.9 "AmigaOS3.9:OS-Version3.9/Workbench3.9/Libs". ḌāñāēāēṖ āēŶāíðā áí áðòù ðāēñēŪāēé óóç ðññḅððùóṖ óáð. Áí Ŷ÷āðā āāēáðāóðçíŶíñ ðì OS3.9, éáέ āāēáðāóðṖṖóáðā ðēð áēāēíēṖēāð áðù òì BoingBag 1 Ṗ

BoingBag 2 δñεί όέό "HSMathLibs", όüόά άάρ έά δñÝðáέ ίά άðέέÝíáόά όι έáoÜεíτáι "AmigaOS3.9:OS-Version3.9/Workbench3.9/Libs" όάí ðçãÐ. Óά άόðÐ όç δññßðóóóç έά δñÝðáέ ίά έέάέÝíáόά όι έáoÜεíτáι "*HSML-BAK/Libs" (üðíó "*" í έáoÜεíτáíó Ð ííÜáá áßóέíó ðíó δññέÝ÷έέ όι άίόßñááóí) όάí ðçãÐ (άόóü áÝáάέ ίά όçí δññíüðüέáoç üέé άçíέíóñáÐóáόά όι άίόßñááóí). Óóí OS3.9 CD (άόóü έó÷ýáέ áέüíá έάέ άί άέάόάόóÐóáόά όí BoingBag 1 Ð BoingBag 2), ç "mathtrans.library" άάρ άñßóέάόάέ όóíí ßáέí έáoÜεíτáí ίά όέó Üέέáo áέάέέíεÐέáo. Óóíáððó ç áðááέáoÜóóάόç óóíá÷ßæáόάέ όóí άίόέέáßíáíí 3.1.0. Óά üέáo όέó Üέέáo áέáüóáέó όíó OS, ç áðááέáoÜóóάόç óóíá÷ßæáόάέ όóí άίόέέáßíáíí 4.0.0.

3.1.0 'Ðáñáέέεþ áðέέÝíáόά όíí έáoÜεíτáí ðíó δññέÝ÷έέ όçí άñ÷έέÐ "mathtrans.library". Άþ ððññáßóá ίά άðέέÝíáόά όí έáoÜεíτáí ðíó δññέÝ÷έέ όçí άñ÷έέÐ "mathtrans.library". Ç δññέέéíñέóíÝíç áέάáññÐ áßíáέ "AmigaOS3.9:OS-Version3.9/Workbench3.5/Libs". Ðáñáέέεþ áέÝáíόά άί άóóü óáέñέÜæáέ όóçí δñññßðóóóÐ óáo. Άóóü όí άίόέέáßíáíí àíóáíßæáόάέ íüíí άί áßíáέ áέάόάόóçíÝíí όí OS 3.9.

4.0.0 'ÈÝέáoά ίά έέάáñáóáß όí άίόßñááóí óüí "HSMathLibs"; Άþ ððññáßóá ίά άçεþóáόά άί èÝέáoά όí άίόßñááóí óüí "HSMathLibs" ίά έέάáñáóáß Ð ü÷έ. ððññáßóá ίά άðέέÝíáόά áßóá 'íáέ' (άίόέέáßíáíí 4.1.0) Ð 'ü÷έ' (άίόέέáßíáíí 4.2.0).

4.1.0 'íáέ' Άί έέάέÝíáόά άóðÐ όçí áðέέéíáÐ, όí άίόßñááóí έάέ ç íáóááεçóÐ ENV "HSML-bakdir" έá έέάáñáóíýí.

4.1.1 'Ðáñáέέεþ áðέέÝíáόά όç ííÜáá áßóέíó Ð όí έáoÜεíτáí ðíó δññέÝ÷έέ όíí έáoÜεíτáí "HSML-BAK". Άþ ððññáßóá ίά άðέέÝíáόά όç ííÜáá áßóέíó Ð έáoÜεíτáí ðíó δññέÝ÷έέ όí έáoÜεíτáí άίόέéáñÜóíó "HSML-BAK". Ç δññέέéíñέóíÝíç áέάáññÐ áßíáέ áßóá "LIBS:" áßóá ç áέάáññÐ ðíó íñßæáόάέ όóçí íáóááεçóÐ ENV "HSML-bakdir". Ðáñáέέεþ áέÝáíόά άί άóóü óáέñέÜæáέ όóçí δñññßðóóóÐ óáo. Ç áðááέáoÜóóάόç óüí "HSMathLibs" íεíέεçñííáόάέ íáóÜ.

4.2.0 'ü÷έ' Άί έέάέÝíáόά άóðÐ όçí áðέέéíáÐ, όí άίόßñááóí έάέ ç íáóááεçóÐ ENV "HSML-bakdir" άάρ έá έέάáñáóíýí. Ç áðááέáoÜóóάόç óüí "HSMathLibs" íεíέεçñííáόάέ íáóÜ.

1.7 ΆíüóóÜ ÓóÜέíáόά

ΆíüóóÜ óóÜέíáόά: ~~~~~

- ç ááááñáñíÝíç Ýέáíóç όíó UltraConv V3.x άάρ áíóέáýáέ ίá όέó HSMathLibs. Óí UltraConv V4.x áíóέáýáέ ίέá ÷áñÜ ίá óá HSMathLibs.

1.8 ÍÝáo áέäüóáέó

ÍÝáo áέäüóáέó: ~~~~~

Ç óáέáóóάáßá Ýέáíóç íðññáß ίá áñáέáß óóç óáέßáá "http://WWW.HSMathLibs.de/".

Ïðññáßóá ίá ðÜñáόά άíáάέíßóáέó áðáóéáßáo áðü όíí áçíέíóñáü . ¶í èÝέáoά ίá ðÜñáόά όçí óáέáóóάáßá Ýέáíóç ίá óá÷óáññáßí, óóáßέóá ííó ίέá áέóέÝóóá (HD Ð DD) έάέ Ýíá óÜέáέí ίá όç áέáýðéóíóÐ óáo έάέ áñáííáóóóçíí Ð 3,- EUR (Άóñþ) Ð 3,- \$ (ΆíέéÜñέá ÇÐÁ) Ð 2,- £ (Èßñáð Ç.Λ.).

1.9 Ðáñέíñέóíßß

Ðáñέíñέóíßß όçó Ýέáíóçó áðßááέίçó: ~~~~~

Ç áðßááέίç óüí "HSMathLibs" àíóáíßæáέ óó÷íÜ íßá áßóçóç ðεçñíóíñέþí.

1.10 ΆáññáóÐ

ΆáññáóÐ: ~~~~~

Íé "HSMathLibs" áßíáέ Shareware. ¶íá èÝέáoά ίá ÷ñçóέííðíέÐóáόά όçí Ýέáíóç ÷üñßð ðáñέíñέóíýð δñÝðáέ ίá áááñáóáßóáέ έάέ ίá ðεçñíóáόá. Ðáñáέέεþ ÷ñçóέííðíέÐóáόá όçí óüñíá ááññáóðó όóçí óáέßáá ίáo "http://WWW.HSMathLibs.de/" áέá ááññáóÐ. Άί èÝέáoά ίá ðÜñáόά όçí ðεÐñç Ýέáíóç ίá óá÷óáññáßí, óóéáßóá ííó ίέá áέóέÝóóá (HD Ð DD) έάέ Ýíá óÜέáέí ίá όç áέáýðéóíóÐ óáo

έάεβδ έάέ άñàìàòìóóçíá Þ 3,- EUR (Áðñþ) Þ 3 \$ (ÄieëÜñéá ÇÐÁ) Þ 2 £ (Ëßñàð Ááäéßáð) áðέðéÝíí. Ìðíñáßòá íá áñáßòá ðçí áéáyέðíð Þ ïð óðí áçíεíðñáñü . Áðέεíεíñíðßòá áéá ðíí ðñáððáæέεü ïð εíáñéáóíü. ¼εðά εÜàù óá ÷ ñÞíáðά έá óáð óðáßεü Ýíá áñέεíü ááñááðßð έάέ úñíá ÷ ñÞóç áéá íá έáðááÜóáðά ðçí ðεÞñç Ýέáíòç έάέ úεðð óεð áíáááεíßòáέð áðü ðçí óáεßáá íáð.

ðçíÞ Ýέáíòç MC68881/82: 5,- EUR (Áðñþ) Þ 7,- \$ (ÄieëÜñéá ÇÐÁ) Þ 5,- £ (Ëßñàð Ááäéßáð) Ýέáíòç MC68040: 5,- EUR (Áðñþ) Þ 7,- \$ (ÄieëÜñéá ÇÐÁ) Þ 5,- £ (Ëßñàð Ááäéßáð) Ýέáíòç MC68060: 5,- EUR (Áðñþ) Þ 7,- \$ (ÄieëÜñéá ÇÐÁ) Þ 5,- £ (Ëßñàð Ááäéßáð)

1.11 ΆέέάέÞíáðά

ΆέέάέÞíáðά: ~~~~~

Ç Ýέáíòç áðßááέίçð ðüí "HSMathLibs" ïðíñáß íá áéáíáíçεáß áéáyεáñá áñέáß ÍÁ ÌÇÍ ÁÉË×ÈÁÉ έάέ ÌËÁ óá áñ÷áßá íá ðáñέέáíáÜñíðáέ ×ÜÑÉÓ ÁÉËÁÁÓ. Ç áááááñáñíÝíç Ýέáíòç ðüí "HSMathLibs" áßíáέ ÌÏÏ áéá áááááñáñíÝíðð ÷ ñÞóðáð. Ìé "HSMathLibs" έάέ ï áñέεíüð áááñáðßð ÁÁÍ ÐÑÁÐÁÉ íá áçííóέáyííðáέ Þ íá áíóέáñÜóííðáέ.

Ôí Re/disassembling ðüí "HSMathLibs" ÁÁÍ áðέðñÝðáðáέ.

ÉÄÉÁÉÓÄÑÁ ÓÇÌÁÍÓËËÏ:

Ìé "HSMathLibs" ÐÁÑÁ×ÏÍÓÁÉ ×ÜÑÉÓ ÔËÐÏÓÁ ÁÐËËËÁÏ. ×ñçóéíðíεÞóðá ðáð ïá ÄËËÇ ÓÁÓ ÁÕËÏÏÇ.

Ï áçíεíðñáñüð ÁÁÍ ÁÉÍÁÉ ÕÐÁÏËÏÏÓ áéá ïðíεááÞðíðá áðÞεάέ ðíð óðíÝáç Üíáðά Þ Ýííáðά áðü ðç ÷ ñÞóç ðüí "HSMathLibs".

¼έá óá áέέάέÞíáðά ðáñáíÝíñí. ÐáñáέέÞð óðáßεðά áíáóíñÝð óóáεíÜòüí έάέ ðñíðÜóáέð.

1.12 Éóðíñßá

Éóðíñßá: ~~~~~

HSMathLibs V.44.50 (01.02.1999 - 12.10.2002): _____

HSMathLibs V.44.41 (01.04.1999 - 09.06.2000): _____ - Bugfixing of the functions "SPFix", "SPFlt", "SPAdd", "SPSub", "SPMul", "SPDiv", "SPFloor", "SPCeil" (mathffp.library), "IEEESPFix", "IEEESPFIt", "IEEESPAAdd", "IEEESPSub", "IEEESPMul", "IEEESPDiv", "IEEESPFloor", "IEEESPCeil" (mathieeesingbas-Patch), "IEEEDPFix", "IEEEDPFIt", "IEEEDPAdd", "IEEEDPSub", "IEEEDPMul", "IEEEDPDiv", "IEEEDPFloor", "IEEEDPCeil" (mathieeedoubbas.library), "IEEED-PAtan", "IEEEDPSin", "IEEEDPCos", "IEEEDPTan", "IEEEDPSincos", "IEEEDPSinh", "IEEEDPCosh", "IEEEDPTanh", "IEEED-PExp", "IEEEDPLog", "IEEEDPPow", "IEEEDPSqrt", "IEEEDPTieee", "IEEEDPFieee", "IEEEDPAsin", "IEEEDPAcos", "IEEED-PLog10" (mathieeedoubtrans.library), "IEEESPAtan", "IEEESPSin", "IEEESPCos", "IEEESPTan", "IEEESPSincos", "IEEESPSinh", "IEEESPCosh", "IEEESPTanh", "IEEESPExp", "IEEESPLog", "IEEESPPow", "IEEESPSqrt", "IEEESPAasin", "IEEESPAcos", "IEEESPLog10" (mathieeesingtrans.library), "SPAtan", "SPSin", "SPCos", "SPTan", "SPSincos", "SPSinh", "SPCosh", "SP-Tanh", "SPExp", "SPLog", "SPPow", "SPSqrt", "SPAsin", "SPAcos" and "SPLog10" (mathtrans.library)

- Bugfixing of the mathffp-Patch and the init-function in the mathieeesingbas-Patch

- changed the init-function in the mathieeesingbas-Patch; the command run are not more required (thanks to Stephan Rupprecht)

- installerscript overwork

HSMathLibs V.44.40 (31.03.1999): _____ first public version

1.13 Ôí ÌÝέëí

Ôí ÌÝέëí: ~~~~~

Ôá ðáñáέÜòüí áßíáέ óçç έßòðά áéá íÝáð áεäüóáέð ðüí "HSMathLibs".

- έάέ Üέεç óá÷ýðçðά;

- Ìé ðñíðÜóáέð óáð

1.14 Åõ ÷ añéóòβào

Åõ ÷ añéóòβào: ~~~~~

ÈÝèù íá åõ ÷ añéóòβòù óá áéüëïðèá ðñüóùðá éáé åðáéñβào: -----

- üëïðð ðïðð ååååññáíìÝñðð ÷ ñβóðåð
 - Uwe Schienbein: åéá betatesting
 - ALex Kazik: åéá betatesting éáé áíáöïñÝð óöáèìÛðùí
 - Jens Schildknecht; åéá betatesting éáé áíáöïñÝð óöáèìÛðùí
 - Kai Fleischer; åéá ðç ìåðÛðñáóç (english) ðùí ïäçæþí
 - Massimo Gais; åéá ðç ìåðÛðñáóç (italiano) ðùí ïäçæþí
 - Llorenç Grau; åéá ðç ìåðÛðñáóç (catalan) ðùí ïäçæþí
 - Juergen Urbanek; åéá betatesting éáé áíáöïñÝð óöáèìÛðùí
 - Jens Troeger; åéá ðç ððüååéíå óðí installerscript
 - Dietmar Heidrich; åéá ðí "OMA"
 - Frank Wille; åéá ðí "PhxAss"
- óðååíþìç áí îÝ ÷ áóá èÛðíéíí

1.15 Åçíéïðñåüð

Åçíéïðñåüð: ~~~~~

Matthias Henze Gorkistrasse 127 04347 Leipzig Germany

fon: +49 (0) 341/2326414

email: Matthias.Henze@HSMathLibs.de

URL: <http://WWW.HSMathLibs.de/>

ÐÛíóá øÛ ÷ ñü åéá áíáöïñÝð óöáèìÛðùí éáé ðñïðÛóåðð. Ðåβòå ñð ðç ãþìç óåð åéá óá "HSMathLibs".

ÅèççíéèÝð ïäçåβào: ~~~~~ Åéá ðñíåþñíåðá éáé ðñïðÛóåðð ó ÷ åðéèÛ ìåð åèççíéèÝð ïäçåβào, óðåβèðå email óðíí: Åçíððñç Ðáñíþððå <midwan@freemail.gr>

1.16 Åðñåòþñéí

Åðñåòþñéí: ~~~~~

Á

Åðáéððóåðð ÅðååéåðÛóóáóç

Ã

ÃñóðÛ ÓðÛéíåðá

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Ãééåéþíåðå Åçíéïðñåüð

Ã

ÃåéåðÛóóáóç Åååñåðþ ÅéåéèÛ Ãññβóíåðå Åéóååñþ Åõ ÷ añéóòβào

É

Éóóĩñβá

Í

ÍÝàò àèàùíóáéò

Ð

Ðãñéĩñéóĩìβ

Ô

Ôĩ ìÝèèĩ