

CalcDeLuxe

COLLABORATORS

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WRITTEN BY		August 3, 2022	

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Chapter 1

CalcDeLuxe

1.1 CalcDeLuxe.guide

CalcDeLuxe v1.12

© Dix Software 4 October 1994

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Select one of the below gadget to get some infortmation

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1.2 introduction

CalcDeLuxe v1.12

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INTRODUCTION

CalcDeLuxe is a general purpose scientific calculator designed

for the Amiga range of computer. As far as I've seen in a shareware or public domain scientific calculator, this one is by far the best. It has a plenty of math funtions, a good graphic interface and on-line HELP, what else can you ask for?.

It uses my own routines for evaluating expresions, so is as quick. I will have this routines in a shared library in the near future.

The excecilent GUI was created with GadToolsBox, an incredible program that has help me a lot in the task of writing the gadgets. ToolsBos is Copyrighted by Jaba Development (thanks).

Plis excuse my baz engleesh!!

1.3 use

CalcDeLuxe v1.12

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USE

The use of this excelent calculator is very straight forward. It uses a string gaged (where you puts your text) to get the user input, and buttons gadgets to facilitate the introduction of the expresion.

The sintax is like any computer language or programmable hand calculator, so you can introduce expression like "2+3*4", "10%3", "x=sin(PI/2)*3".

It utilices the C notation for the input, so expressions like this will work "z + x += 2*sqrt(t=2/sqrt(16))".

To evaluate a expresion simply press the ENTER gadget in the calculator or RETURN on your keyboard. You clean the digital display by pressing the CLEAN gadget. The BACK is used to delete one caracter on the display. The '<->' and '<->' are used to move one caracter forward or backward.

1.4 special features

CalcDeLuxe v1.12

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SPECIAL FEATURES

Here are some special features don't mentioned in the Use setcion.

You can repeat evaluation of the expresion by pressing the ENTER

gadget and simultanesly the SHFIT key or the middle button on your mouse (if you have such). This is very useful for expressions like "x+=1", when the result change with every step.

To go at the begin or at the end of the text press the ARROW gadget in conjunction with either SHFIT key or with the middle button.

If you have pressed ENTER, then you have the follow choices to manage the expression: - Try using the CURSOR UP key and then the cursor will be placed in the last position. - Using the CURSOR DOWN key you will clean the full text and activate the string gadget.

When an error has ocurred then (normally), the cursor will be at the place where this has happened. To activate it you should press the CURSOR UP key.

1.5 future

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FUTURE

If you want to have this help file in spanish I will do it for the next version. For other languages, please send me your traduction and I'll include it in future releases. To do this job I will be doing it by using the locale.library, but I don't have information about it yet.

At the present time, this version (v1.12) not include a graph plotting module but the next version will have one.

Another feature to be possibly added is the support for a math coprocessor (68081, 68082 or 68040). This will be done by using the standard double precision Commodore MathIeee libraries.

And of course, add more and more functions.

1.6 shareware

CalcDeLuxe v1.12

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SHAREWARE

CalcDeLuxe is ShareWare, so it may be freely distributed as long all files remain unchanged. If you use this program a lot, then please send me \$25 (more or less) dollars or the same amount of money in your country currency. Disks (ShareWare or Blank),

PostCard or whatever you can imagine (beer bottles), are all welcome.

When you have sent me the ShareWare fee, I'll send you the last version available (currently 2.01) of the program and the source code if you request it. The v2.01 has many improvements (refer to the Future Section).

Also the source code of my own routines for evaluate expressions will be sent, as with the manual of this, printed in 300 dpi.

Support the SHAREWARE

1.7 distribution

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DISTRIBUTION

CalcDeluxe and all files included in this archive may be freely distributed as long all files remain unchanged. CalcDeluxe and its related files can be distributed in BBS or Public Domain Libraries with the condition that the price will not be superior to \$4. This is shareware, so to obtain the source code, you should register. Note that the source code files and printed manual are not freely distributable.

There is no permission to place the program in a cover-disk of any magazine, without the author writing permission. As so you can not include this program in any comercial product, again, without my writing permission.

Feel free to send me any suggestion, bug reports, questions (about C or Amiga), greetins (oh, yeah!), or what you want at the adress far below.

If you want to include this program and its documentation in a commercial package, or use the routines of evaluation in your own program contact with me at:

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