Graph2DHistory

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	TITLE : Graph2DHistory		
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Graph2DHistory

1.1 History

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3.2 History


V3.20 (25.11.95):

  - changed wrong derivation of abs(x) to sgn(x)*x'
  - now with italian catalog thanks to Alberto Gili
  - fixed MUI backgrounds in some windows
  - there are fatal errors under MUI3 when switching smart buttons and
    status bar on or off. As a workaround changes made to these options
    are not accepted until restart of the program.


V3.10 (26.09.95):

  - fixed bad bug that caused wrong simplifications
  - improved simplifications again
                                          1
  - math. notation: obsolete brackets like (---) are no longer displayed
                                          x
  - now you can scroll around in 2D graphs with the cursor keys
  - seems that I forgot to disable some checks when compiling 3.00. So
    this version is a bit faster and shorter than 3.00.


V3.00 (18.08.95):

  - new user interface design: larger and 8-col images and buttons,
    "mousehelp" displays short help about the object under the mouse
    pointer, new icon
  - imagebuttons and statuslines can be switched on or off for each graph
    window separately. Therefore added a new page named "window" to all
    graph editors
  - improved determination of zeros (and by that improved the whole
    discussion)
  - simplifications are better now
  - fixed bug when deriving functions like g(x)^h(x)
  - functions and axes in a 2D-graph can now be drawn bold
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- textview windows now also have the "project" menu and Graph2D
  terminates correctly if such a window is the last to be closed
- that ugly "...x+-y..." should not happen anymore
- Graph2D should now really run under OS2.0, too. But then there
  is of course no english localisation...
- start ARexx scripts a bit smarter now (thanks to Simon Ihmig)
- added menu item "Iconify" to "Project" menu

V2.50, V2.60, V2.61 :

  non public beta version, see changes listed in V3.00

V2.40 (29.04.95):

- extended ARexx support, especially to communicate with "MathScript"
- slightly improved Simplifications
- fixed bug that could have changed functions after derivation/simplifi-
  cation
- requester open now on smarter positions
- you may now only import functions which exist are correct. This should
  avoid stack overflows because of endless recursion...

V2.30 (31.03.95):

- reports can be saved as ASCII
- you can close and reopen functioneditor window
- after closing the last window you are asked whether you want to quit
  or iconify Graph2D
- new requester for selecting a graph type where you can also open a
  graph as full sized backdrop window
- some more examples for functions
- less problems with "incorrect" functions after loading a function list
- fixed bug that made the mouse coordinates gadget double sized
- little requesters open now at a bit more intelligent position
- removed printing density slider from the print requester because it
  caused some errors in printing size
- the drawn function are now marked with a simple ">>"
- fixed terrible bug in 2D-graph that caused an incorrect output if the
  x-axis was under the visible intervall
- you need at least MUI 2.3 to run Graph2D. This has already been the
  case for 2.10 and 2.20 but I forgot to check the MUI version so there
  appeared very strange "Privillegverletzung" errors
- splitted this history from the rest of the documentation

V2.20 (21.03.95):

- new graph-type: 3D-graph
- "Color" and "Pattern" of the selected function have moved to the 2D-
  graph-editor because they only make sense for a function in a 2D-graph
- "Accuracy" and "Connect" can be selected for every single function now
- optional auto-redraw-mode refreshes a graph immediately when a drawn
  function changes
- removed a bug in deriving that caused the turning-points to be extrema

- bad bug while changing graph-name removed
- no more (i hope so) alerts while saving or printing graphs
- zoom and unzoom optionally use the existing graph instead of opening a
  new one
- mouse-point-display works again
- 2D-graph-editor is now a single window again but with some pages
- 2D-graph windows open faster now
- updated documentaion
- some little GUI-changes

V2.10 (03.03.95):

- printing works now with full printer-resolution and selectable size
- graphs and functions can be saved as IFF-pictures
- you can choose between image-buttons, text-buttons or no buttons
- internal constantes "e" and "pi"
- numbers are displayed with higher precision
- 2D-graph-editor now split into 2 windows
- display "-x" instead of "0-x" now
- graph-windows now remember their old positions
- some GUI-layout changes
- SIRDS-calculation can be cancelled with ESC
- different handling of including functions

V2.00 (04.02.95):

- improved discussion in speed and success, new: discussion-requester
- new GUI-layout, images and imagebuttons
- taylor approximation
- fixed some terrible bugs in the mathematical routines
- better memory-handling and speed-up in all calculations
- extended and restructured online-help
- new internal functions "binom(n, k)" and "exp(x)"
- fixed a bug in math. notation
- fixed another bug after loading functions...

V1.60 (08.01.95):

- preset editor allows to configure a font for the notation window,
  a path for graphsettings and preset-settings for both graph-types
- fixed bug after loading functions
- 2D-graph: selectable font, new raster-type, smarter draw-algorithm
  for better-looking coordinate-systems
- math. notation now uses "·" for multiplication and "!" for "fak",
  added menus and printing-option to the notation window
- printing graphs now without window-border
- all windows fit on a NTSC 640*200 / Topaz 8 screen
- changes in the archive content

V1.50 (10.12.94):

- The first localized english version of Graph2D
  if you are interested in the former version please have a look into

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the german documentation :-)
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