



WxMaxima 0.8.4 for Mandriva Linux 2010.0

wxMaxima is a cross platform [GUI](#) for the computer algebra system [Maxima](#) based on [wxWidgets](#)

Homepage and source dwn:

http://wxmaxima.sourceforge.net/wiki/index.php/Main_Page

wxMaxima features include:

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2D formatted math display: wxMaxima implements its own math display engine to nicely display maxima output.

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Menu system: most Maxima commands are available through menus. Most used functions are also available through a button panel below the document.

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Dialogs: commands which require more than one argument can be entered through dialogs so that there is no need to remember the exact syntax.

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Create documents: text can be mixed with math calculations to create documents. Documents can be saved and edited again later.

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Animations: version 0.7.4 adds support for simple [animations](#).

wxMaxima is [released](#) under the [GPL2 licence](#) .

Screenshot:

Matemáticas generales

Simplificar	Simplificar (r)
Factorizar	Expandir
Forma cartesiana	Sustituir
Canónico (tr)	Simplificar(tr)
Expandir (tr)	Reducir (tr)
Resolver	Resolver EDO
Derivar	Integrar
Límite	Serie
Gráficos 2D	Gráficos 3D

(%i1) `wxplot2d([cos(x)], [x,-5,5])$`

(%t1)

(%i2) `diff(sin(x^4-5*x^2-1),x,1);`

(%o2) $(4 x^3 - 10 x) \cos(x^4 - 5 x^2 - 1)$

(%i3) `integrate(4*x*cos(4*x^2), x);`

(%o3) $\frac{\sin(4 x^2)}{2}$

Bienvenido a wxMaxima

Preparado para la entrada de usuario

13:59

Changelog:

wxMaxima 0.8.4

- Search & Replace
- Autocompletion for builtin and user define functions/variables
- New translation: Czech

wxMaxima 0.8.3

Major new features:

- new cell types added: Subsection, Page break
- sections and subsections are 'auto-numbered' (think LaTeX)
- title, section and subsection cells can be folded (to hide the contents)
- Addition of 'panes' to the user interface (the buttons at the bottom concept reworked)
- Buttons from the bottom moved into a 'General Math' pane
- New 'Statistics' pane - shortcuts for statistics related Maxima functions
- New 'History' pane - command history
- New 'Insert Cell' pane - shortcuts for inserting cells
- New menu entry for 'to_poly_solve'
- Improved rendering (more TeX-like) of integral, sum, product symbol and parenthesis via

[jsMath fonts](#)

- New translation: Danish

Minor improvements / fixes:

- certain special keys (Windows key...) are now ignored (before, pressing them inserted garbage)
- hiding improved: hiding a text or input cell now shows the first line of the content
- zooming improved: zoom is now percentual, affects only current document, changes all the fontsizes in the document
- image cells now contain a line for a description of 'figure'
- support for merging and dividing cells via right click menu
- HTML and LaTeX exports improved (better styles handling fro HTML, changed Title cell handling in LaTeX, utf-8 encoding for LaTeX export...)
- new inline plotting wrapper functions: wxhistogram, wxscatterplot, wxbarsplot, wxpiechart, wxboxplot.
- fixed width input/output labels
- toolbar is optional
- animations can be viewed with mousewheel
- improved speed of large outputs (useful for inline help with ?, example: '? plot2d;')
- input label (%in) is reset to '-->' if there are changes in input since last evaluation
- various bugfixes

Porting: *crislosi*

Build: *crislosi*

