




Draw, Math, Databases, Macros  
and everything else...

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Page 1

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Page 2

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# Draw

- File -> New -> Drawing
  - Like Impress with image editing capabilities
  - vector & raster graphics support
  - The “Visio” equivalent for OOo
- Tools -> Option -> Drawing
  - grid control (for precise graphic creation)

Exports to:

- BMP, EMF (Enhanced Metafile), EPS, GIF, JPG, PBM (Portable Bitmap), PCT (Mac Pict), PGM (Portable Grayscale map), PNG, PPM (Portable Pixel Map), RAS (raster), SVG (Scalable Vector Graphic), SVM (StarView Metafile), TIF, WMF (Windows Metafile), XPM

Imports (all the above, and):

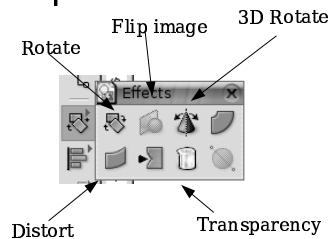
- TGA (Targa), PCD (Kodak Picture CD), DXF (Autocad)


**Exercise:** Create an organizational chart

- You now know how to use Impress and Draw. Create an organizational chart for your school, company, or even your household!
- Show the hierarchical information and use all the lines, curves, boxes, etc...

# Effects

- Different set of features in comparison to Impress

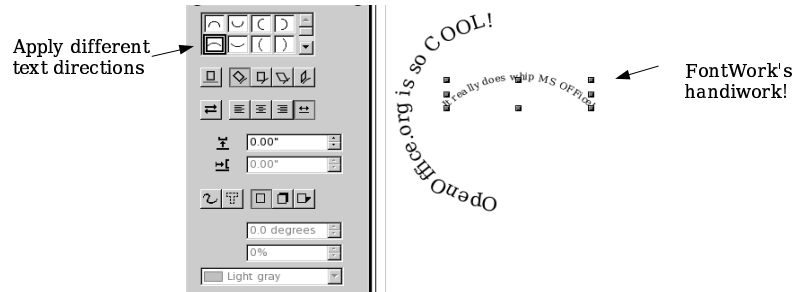


- Convert 2D image to 3D
  - Right-click, Convert -> To 3D
- Draw a 3D object 

- Change the illumination of an object – right click, 3D Effects -> Illumination. Select the light source and ambient colors (understand the physics behind a 3D object first!), and use the green tick to confirm the changes. The preview is available, so make use of it.

# FontWork

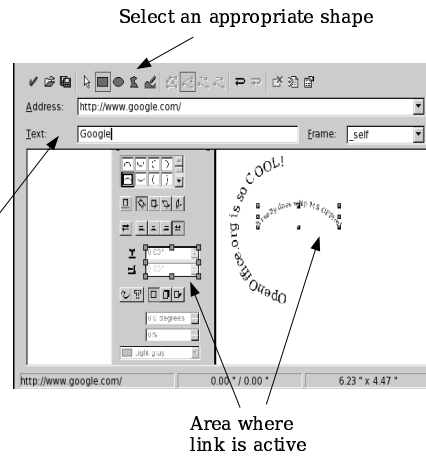
- Advanced text formatting
- Format -> Fontwork



- This is OpenOffice.org's equivalent to WordArt. It's like WordArt on steroids!

# Image Maps

- Image map to a web page
- Select graphic, Edit -> Image Map
  - Image Map Editor appears
  - Select area, add a link, and its done!



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Page 6

- We actually have a HTML editor, called Web, but its not really been in development for quite a while.

# Math

- File -> New -> Formula
  - MathML based
- Dmaths - <http://www.dmaths.com/>
- Exercise: Enter  $E=mc^2$  in Math (like the example in Writer).

# Data Sources

- Tools -> Data Sources
  - Create your own (using the bibliography as an example)
- File -> AutoPilot -> Address Data Source
- File -> AutoPilot -> Form
  - Data source needs to exist

Form function on the toolbar



- Data Sources can connect to MySQL, postgres, Oracle backends. Spreadsheets, plain text files and an address-book can also be used as a data source.
- Address Data Source supports integration with Mozilla/Netscape address books. It even supports integration via an LDAP connection. Evolution since version 1.4 is supported as well.



# Macros

- Use the Macro Recorder
  - Tools -> Macros -> Macro Recorder
- Write your own – learn StarBasic
- Help! <http://www.pitonyak.org/oo.php>
- MS Office Visual Basic macros **do not** work with OpenOffice.org

# Thank You!

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