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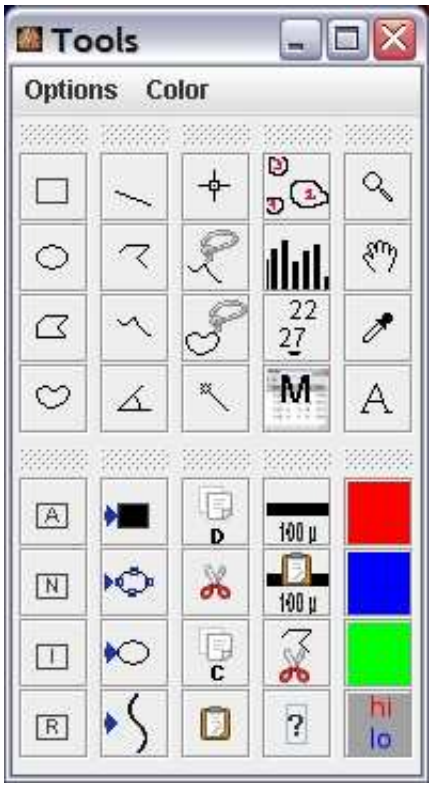
MRI Toolbox



About

The MRI toolbox gives quick access to some of the most important ImageJ tools and commands.
MRI Toolbox has been created by Volker Bäcker at Montpellier RIO Imaging.
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About icons

MRI Toolbox contains icons from the Tango Desktop Project and icons derived from icons from the Tango Desktop Project. These icons are licensed under the Creative Commons Attribution Share-Alike license. The icons from the Tango Desktop Project are those for the commands: "duplicate, crop, copy and paste". Icons derived from icons from the Tango Desktop Project are those for the commands: "paste scale-bar, cut last polygon-segment livewire 1d selection and livewire 2d selection".

About the LiveWire plugin

The LiveWire plugin contained in the MRI-Toolbar has been created by Daniel Lelis Baggio at the Instituto Tecnologico de Aeronautica, InCor - Instituto do Coracao. The homepage of the project is: http://ivussnakes.sourceforge.net/.

Help

Modifier keys for area selections

Use

- Shift
  to add to an existing selection

- Alt
  to subtract from an existing selection

The toolbox tools and commands

With one exception the toolbox either activates standard imagej tools or calls standard ImageJ commands. The exception is the "delete last polygon segment" command that can be found just above the help button. The tools and commands in the upper part, from top to bottom and left to right are:

- rectangular selection tool
- oval selection tool
- polygon selection tool
- freehand area selection tool

- straight line selection tool
- segmented line selection tool
- freehand line selection tool
- angle tool

- point selection tool
- livewire 1d selection tool
- livewire 2d selection tool
- magic wand tool (tracing tool)

- analyze particles command (find objects)
- distribution from results table
- label objects in the image
- measure command

- zoom tool (magnifiying glass)
- scrolling tool (tip: press space bar and drag the image to scroll while using other tools)
- color picker tool
- text tool

Look at the ImageJ tools documentation to get help on the tools. Help for the "analyze particles" and "measure" commands can be found at the ImageJ analyze menu documentation.
The commands in the lower part, from top to bottom and left to right are:

- select all
- select none
- inverse selection
- restore selection

- create mask
- convex hull
- fit ellipse
- fit spline

- duplicate
- crop
- copy
- paste

- set scale
- insert scale bar
- delete last polygon segment
- help

- apply red lookup-table
- apply green lookup-table
- apply blue lookup-table
- apply hilo lookup-table

See ImageJ edit menu documentation, ImageJ image menu documentation and ImageJ analyze menu documentation
for help on the ImageJ commands.

The toolbox menus

The options menu

- Set Measurements (see ImageJ set measurements documentation)
- Line
- Point
- Text
- Paste
    - see ImageJ tools documentation

The color menu

- Set foreground / background color (see ImageJ tools documentation)