

PyxPlot

Note: - sudo apt-get install pyxplot fails on Ubuntu 18.03 bionic - appears that installing pyxplot from source, requires python $2\dots$ alas!

ex01

```
set numerics complex
set xlabel r"$x$"
set ylabel r"$y$"
set zlabel r"$z$"
set xformat r"%s$\pi$"%(x/pi)
set yformat r"%s$\pi$"%(y/pi)
set xtics 3*pi ; set mxtics pi
set ytics 3*pi ; set mytics pi
set ztics
set key below
set size 6 square
set grid
plot 3d [-6*pi:6*pi][-6*pi:6*pi][-0.3:1] sinc(hypot(x,y)) \
    with surface col black \
    fillcol hsb(atan2($1,$2)/(2*pi)+0.5,hypot($1,$2)/30+0.2,$3*0.5+0.5)
```

Documentation

Imagine

```
Codeblock class: pyxplot
    sudo apt-get install pyxplot
    http://pyxplot.org.uk

runs:
    > pyxplot {im_opt} <fname>.pyxplot

    class->cmd
        pyxplot -> pyxplot

Metadata options
    imagine.im_out: img,fcb
    imagine.im_log: 4

pyxplot -h

#!/bin/bash
pyxplot -h

man page

#!/bin/bash
MANWIDTH=75 man pyxplot | col -bx | iconv -t ascii//TRANSLIT
```