

Manual for Package: aux

Revision 1:5M

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1 aux

1.1 Expanding_Double

2 adaptor

adaptors for backward compatibility for renamed files

2.1 Keller

2.2 SMesh

3 aux

3.1 arabic2roman

3.2 autocat

3.3 bplus

3.4 btimes

3.5 centre_axis

3.6 `circshift_fractional`

3.7 `colormap3`

3.8 `colormap_byr`

3.9 `copy_fields`

3.10 `count_occurence`

3.11 `cummax`

3.12 `cummean`

3.13 `cumstd`

3.14 `cumvar`

3.15 `cvec`

3.16 `diag3`

3.17 `down`

3.18 `dspace`

3.19 `field_range`

3.20 `finite`

3.21 `flat`

3.22 `frac`

3.23 `getfield_deep`

3.24 `getout`

3.25 `imagesc_`

3.26 `innerspace`

3.27 `isfield_deep`

3.28 `isprop_deep`

3.29 `issym`

3.30 `iterate_cell`

3.31 `jmemory`

3.32 `leftdiff`

3.33 `leftmean`

3.34 `limits`

3.35 `linspace_man`

3.36 `linspace_man2`

3.37 `logspace_trimmed`

3.38 `matlab_messages`

3.39 `maxid`

index of maximum
if value is not required (e.g. use in other functions such as
 `accumarray`)

3.40 `memsize`

3.41 `mlint_all`

3.42 `myhot`

3.43 `none`

3.44 `objcopy`

4 plot

4.1 addx

4.2 addy

4.3 adjust_quiver_arrowhead_size

4.4 area_man

4.5 arrow

4.6 axis_equal_man

4.7 candlestick_man

4.8 circle

4.9 cmap

4.10 `colormap_man`

4.11 `colormap_man2`

4.12 `colormap_man_old`

4.13 `columnlegend`

4.14 `copyaxes`

4.15 `datetick_man`

4.16 `daytick`

4.17 `dcolormap`

4.18 `dots`

4.19 `errorarea`

4.20 errorbar_man

4.21 errorlines

4.22 fetchsubplot

4.23 fillmarker

4.24 freezeColors

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
getCDataHandles -- get handles of all descendents with indexed
                  CData
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
getParentAxes -- return handle of axes object to which a given
                 object belongs
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
checkArgs -- Validate input arguments
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

4.25 get_coordinates

4.26 hatch

4.27 hline

4.28 hold_color

4.29 hourspace

4.30 hourtick

4.31 interpplot

4.32 legendtitle

4.33 line_fewer_markers

```
find marker spec in varargin and remove it; extract special params:
    LockOnMax,Spacing
input size check
a) once only the line with all points with the style
b) last time the markers, using fewer points with style
c) once with a visible handle, only the first point, using the
    complete style you specified
'x' -> marker delta-x constant; 'curve' : spacing constant along the
    curve length
```

4.34 monthspace

4.35 monthtick

4.36 mycolourmap

4.37 namedfigure

4.38 nansurf

4.39 nmcolormap

4.40 patch_man

4.41 pdfprint

4.42 percenttick

4.43 plot2svg

[illegible]

```

Octave keeps s, d, p and h in the HandleGraphics object, for the
    square, diamond, pentagram, and hexagram markers, respectively
-- Jakob Malm

Octave keeps s, d, p and h in the HandleGraphics object, for the
    square, diamond, pentagram, and hexagram markers, respectively
-- Jakob Malm

```

[illegible]

%%
%%
%%

4.44 `plot_ellipse`

4.45 `plot_style`

4.46 `plotshaded`

4.47 `ploty4`

4.48 `plotyyy`

4.49 `quadsurf`

4.50 `quadsurf2`

4.51 `quadsurf3`

4.52 quiver3_man

4.53 quiver_man

4.54 quiver_man2

4.55 quiver_man3

4.56 rectangles

4.57 scaleplot

4.58 setfontsize

4.59 shade_night

4.60 splitfigure

4.61 turtle

4.62 `velplot`

4.63 `vline`

4.64 `vline_man`

4.65 `weekspace`

4.66 `weektick`

4.67 `xtick`

4.68 `xticklabel`

4.69 `ytick`

4.70 `yticklabel`

5 aux

5.1 relpos

5.2 rightdiff

5.3 rmfield_optional

5.4 rvec

5.5 select

5.6 setfield_deep

5.7 setfields

5.8 sign2str

5.9 signs

5.10 `simplifyignore`

5.11 `str_cell_reverse_index`

5.12 `struct2obj`

5.13 `struct_flat`

5.14 `sub2ind_man`

5.15 `subsall`

5.16 `swap`

6 `system`

emulate POSIX and BASH functions

6.1 `alloc`

6.2 `basename`

6.3 cbrt

6.4 dirname

6.5 head

6.6 headstr

6.7 tail

7 aux

7.1 toInt32

7.2 unique_columnwise

7.3 unpack_struct

7.4 unwrap_periodic

7.5 up

7.6 zoomaxis