Manual for Package: auxiliar
Revision 7M

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1 r

1.1 Expanding_Double

2 r/adaptor

2.1 Keller

2.2 MMesh

2.3 SMesh

3 r

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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
    accummarray)
```

3.40 memsize

3.41 mlint_all

3.42 myhot

3.43 none

3.44 objcopy

4 r/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

```
" height="100%%" viewBox="0 0 %0.3f %0.3f" ',paperpos(3),paperpos(4)
    );
            fprintf(fid,' <filter x="%0.3f%%" y="%0.3f%%" width="%0.3
                f%%" height="%0.3f%%" id="%s">\n', 0, 0, 100, 100,
                filterId);
            %    fprintf(fid,' <filter x="%0.3f%%" y="%0.3f%%" width
                ="%0.3f%%" height="%0.3f%%" id="%s">\n', -(offset *
                100), -(offset * 100), 100 + (offset * 200), 100 + (
                offset * 200), filterId);
%%%
```

%%%

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 r

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

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5.15 subsall

5.16 swap

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6.1 alloc

6.2 basename

6.3 cbrt

6.4 dirname

6.5 head

6.6 head_str

6.7 tail

6.8 tail_str

7 r

7.1 toInt32

7.2 unique_columnwise

7.3 unpack_struct

7.4 unwrap_periodic

7.5 up

7.6 zoomaxis