

Manual for Package: auxiliar

Revision 7:8M

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Contents

1	auxiliar	1
1.1	Expanding_Double	1
2	adaptor	1
2.1	Keller	1
2.2	MMesh	1
2.3	SMesh	1
2.4	Slg	1
3	auxiliar	2
3.1	arabic2roman	2
3.2	autocat	2
3.3	bplus	2
3.4	btimes	2
3.5	centre_axis	2
3.6	cirshift_fractional	2
3.7	cmap_rolling	2
3.8	colormap3	2
3.9	colormap_byr	2
3.10	copy_fields	3
3.11	copyfields_deep	3
3.12	count_occurence	3
3.13	cummax	3
3.14	cummean	3
3.15	cumstd	3
3.16	cumvar	3
3.17	cvec	3
3.18	diag3	3
3.19	down	3

3.20	dspace	4
3.21	field_range	4
3.22	finite	4
3.23	flat	4
3.24	frac	4
3.25	getfield_deep	4
3.26	getout	4
3.27	hashcode	4
3.28	imagesc_	4
3.29	innerspace	4
3.30	isfield_deep	5
3.31	isprop_deep	5
3.32	issym	5
3.33	iterate_cell	5
3.34	jmemory	5
3.35	leftdiff	5
3.36	leftmean	5
3.37	limits	5
3.38	linspace_man	5
3.39	linspace_man2	5
3.40	logspace_trimmed	6
3.41	matlab_messages	6
3.42	maxid	6
3.43	memsize	6
3.44	mlint_all	6
3.45	myhot	6
3.46	none	6
3.47	objcopy	6
4	plot	6
4.1	addx	6
4.2	addy	7
4.3	adjust_quiver_arrowhead_size	7
4.4	area_man	7
4.5	arrow	7
4.6	axis_equal_man	7
4.7	candlestick_man	7
4.8	circle	7
4.9	cmap	7
4.10	colormap_man	7
4.11	colormap_man2	7
4.12	colormap_man_old	8
4.13	columnlegend	8
4.14	copyaxes	8

4.15	datetick_man	8
4.16	daytick	8
4.17	dcolormap	8
4.18	dots	8
4.19	errorarea	8
4.20	errorarea2	8
4.21	errorbar_man	8
4.22	errorlines	9
4.23	fetchsubplot	9
4.24	fillmarker	9
4.25	freezeColors	9
4.26	get_coordinates	9
4.27	hatch	9
4.28	hline	10
4.29	hold_color	10
4.30	hourspace	10
4.31	hourtick	10
4.32	interpplot	10
4.33	legendtitle	10
4.34	line_fewer_markers	10
4.35	monthspace	10
4.36	monthtick	11
4.37	mycolourmap	11
4.38	namedfigure	11
4.39	nansurf	11
4.40	nmc colormap	11
4.41	patch_man	11
4.42	pdfprint	11
4.43	percenttick	11
4.44	plot2svg	12
4.45	plot_ellipse	13
4.46	plot_style	13
4.47	plotshaded	13
4.48	ploty4	13
4.49	plotyyy	13
4.50	quadsurf	13
4.51	quadsurf2	13
4.52	quadsurf3	13
4.53	quiver3_man	14
4.54	quiver_man	14
4.55	quiver_man2	14
4.56	quiver_man3	14
4.57	rectangles	14
4.58	scaleplot	14

4.59	setfontsize	14
4.60	shade_night	14
4.61	splitfigure	14
4.62	turtle	14
4.63	velplot	15
4.64	vline	15
4.65	vline_man	15
4.66	weekspace	15
4.67	weektick	15
4.68	xtick	15
4.69	xticklabel	15
4.70	ytick	15
4.71	yticklabel	15
5	auxiliar	16
5.1	relpos	16
5.2	rightdiff	16
5.3	rmfield_optional	16
5.4	rvec	16
5.5	select	16
5.6	setfield_deep	16
5.7	setfields	16
5.8	sign2str	16
5.9	signs	16
5.10	simplifyignore	17
5.11	str_cell_reverse_index	17
5.12	struct2obj	17
5.13	struct_avg	17
5.14	struct_flat	17
5.15	sub2ind_man	17
5.16	subsall	17
5.17	swap	17
6	system	17
6.1	alloc	17
6.2	basename	18
6.3	cbt	18
6.4	dirname	18
6.5	head	18
6.6	head_str	18
6.7	tail	18
6.8	tail_str	18
7	auxiliar	18

7.1	toInt32	18
7.2	unique_columnwise	18
7.3	unpack_struct	19
7.4	unwrap_periodic	19
7.5	up	19
7.6	zoomaxis	19

1 auxiliar

1.1 Expanding_Double

2 adaptor

adators for backward compatibility for renamed files

2.1 Keller

2.2 MMesh

2.3 SMesh

2.4 Slg

3 auxiliar

3.1 arabic2roman

3.2 autocat

3.3 bplus

3.4 btimes

3.5 centre_axis

3.6 circshift_fractional

3.7 cmap_rolling

3.8 colormap3

3.9 colormap_byr

3.10 copy_fields

3.11 copyfields_deep

3.12 `count_occurence`

3.13 `cummax`

3.14 `cummean`

3.15 `cumstd`

3.16 `cumvar`

3.17 `cvec`

3.18 `diag3`

3.19 `down`

3.20 `dspace`

3.21 `field_range`

3.22 `finite`

3.23 `flat`

3.24 `frac`

3.25 `getfield_deep`

3.26 `getout`

3.27 `hashcode`

3.28 `imagesc_`

3.29 `innerspace`

3.30 `isfield_deep`

3.31 `isprop_deep`

3.32 issym

3.33 iterate_cell

3.34 jmemory

3.35 leftdiff

3.36 leftmean

3.37 limits

3.38 linspace_man

3.39 linspace_man2

3.40 logspace_trimmed

3.41 matlab_messages

3.42 maxid

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

3.43 memsize

3.44 mlint_all

3.45 myhot

3.46 none

3.47 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 **errorarea2**

4.21 **errorbar_man**

4.22 **errorlines**

4.23 **fetchsubplot**

4.24 fillmarker

4.25 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
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

4.26 get_coordinates

4.27 hatch

4.28 hline

4.29 hold_color

4.30 hourspace

4.31 hourtick

4.32 interpplot

4.33 legendtitle

4.34 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
```

4.35 monthspace

4.36 monthtick

4.37 mycolourmap

4.38 `namedfigure`

4.39 `nansurf`

4.40 `nmcolormap`

4.41 `patch_man`

4.42 `pdfprint`

4.43 `percenttick`

4.44 `plot2svg`

```
" height="100%" viewBox="0 0 %0.3f %0.3f" ',paperpos(3),paperpos(4)
);
    fprintf(fid,' <filter x="%0.3f%" y="%0.3f%" width="%0.3f%" 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);
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% SUBFUNCTIONS %%%%%%%%%
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

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

4.45 plot_ellipse

4.47 `plotshaded`

4.48 `ploty4`

4.49 `plotyyy`

4.50 `quadsurf`

4.51 `quadsurf2`

4.52 `quadsurf3`

4.53 `quiver3_man`

4.54 `quiver_man`

4.55 `quiver_man2`

4.56 `quiver_man3`

4.57 rectangles

4.58 scaleplot

4.59 setfontsize

4.60 shade_night

4.61 splitfigure

4.62 turtle

4.63 velplot

4.64 vline

4.65 vline_man

4.66 weekspace

4.67 weektick

4.68 xtick

4.69 xticklabel

4.70 ytick

4.71 yticklabel

5 auxiliar

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_avg`

5.14 `struct_flat`

5.15 `sub2ind_man`

5.16 `subsall`

5.17 `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 `head_str`

6.7 tail

6.8 tail_str

7 auxiliar

7.1 toInt32

7.2 unique_columnwise

7.3 unpack_struct

7.4 unwrap_periodic

7.5 up

7.6 zoomaxis