graidle

Methods Documentation – v0.6

Base Methods:

graidle([*string* title , [*float* mass , [*float* mnvs]]])

- ◆ **Description:** Constructor;

- ◆ **Parameters:** *string* **title** : Diagram Title (optional);
  float **mass** : Maximum Value (optional);
  float **mnvs** : Minimum Value (optional);

setValue(*array* value , *string* *type* , [*string* *name* , [*string* colour]])

- ◆ **Description:** Set series values, type of graph, serie's name and colour; values array may be also multidimensional and can contains key value that will be loaded as associate legend value.

- ◆ **Parameters:** *array* **value** : series values;
  string *type* : String that specifies the type of the graph. Possible values are 'l' for line, 'b' for histogram (bar), 'hb' for an horizontal histogram(horizontal bar), 's' for a sp and 'p' for a pie diagram;
  string *name* : serie's name (optional);
  string *colour* : serie's colour (optional);

create ( )

- ◆ **Description**: create chart, use this function after setting all required parameters ;

carry ( )

- ◆ **Description**: carry out image file through PHP header, no other HTML tag are allowed;

string carry2file ([*string* patch , [*string* fname]])

- ◆ **Description**: display and save image on server, is possible specify patch and filename;

- ◆ **Parameters:** *string* **patch** : patch for saving iname on server (optional DEFAULT "./tmp");
  s*tring* **fname** : string of filename(optional).

- ◆ **Returns:** string path to generated image filename.

Customization methods:

setAA(*int* AA)

- ◆ **Description:** set Antialiasing value for Pie, Spider and Line Graph;

- ◆ **Parameters:** *int* **AA** : multiplier value of AntiAliasing;

setAxisCl (*string* HEXcolour)

- ◆ **Description:** Set axis colour;

- ◆ **Parameters:** *string* **HEXcolour** : Hex colour;

setBarOffset (*int* percentage)

- ◆ **Description:** set bar percentage overlap on histograms charts;

- ◆ **Parameters:** *int* **percentage**;

setBgCl (*string* HEXcolour)

- ◆ **Description:** Set background colour;

- ◆ **Parameters:** *string* **HEXcolour** : Hex colour;

setColor (*mixed* colour , [*mixed* position])

- ◆ **Description:** set custom colour/s and respective position/s ;

- ◆ **Parameters:** *mixed* **colour** : array or string for HEX or RGB colour/s;
  mixed **position** : array of ints to specify position of personal colours (optional if not
  is specified positioning, all colours are inserted for first);

setDivision (*int* div)

- ◆ **Description:** set division on scale axis;

- ◆ **Parameters:** *int* **size** : division value;

setExtLegend ([*int* type])

- ◆ **Description:** set extendend legend to display values and/or percentages;

- ◆ **Parameters**: *int* **type** :Sets the type; 0: display the value, 1 display percentage, or 2 display value and
  percentage;

setFilled ( )

- ◆ **Description**: set filled line or filled spider diagram graph type;

setFont (*string* font , [*int* size])

- ◆ **Description:** path to true type font filename;

- ◆ **Parameters:** *string* **font** : path and filename of the TTF.
  int **size** : font size;

setFontBD (*string* **font** , [*int* **size**])

- ◆ **Description:**   path to true type bold font filename;

- ◆ **Parameters:**   *string* **font** : path and filename of the TTF.
  int **size** : font size;

setFontBigSize (*int* **size**)

- ◆ **Description:**   set big font size;

- ◆ **Parameters**:   *int* **size** : font size;

setFontCl (*string* **HEXcolour**)

- ◆ **Description:**   set font colour;

- ◆ **Parameters**:   *string* **HEXcolour** : Hex colour;

setFontLegend (*string* **font** , [*int* **size**])

- ◆ **Description:**   path to true type font filename used to display legend;

- ◆ **Parameters:**   *string* **font** : path and filename of TTF file.
  int **size** : font size;

setFontLegSize (*int* **size**)

- ◆ **Description:**   Set legend font size;

- ◆ **Parameters**:   *int* **size** : font size;

setFontMono ( )

- ◆ **Description**:   Used to indicate that is using a monotype font;

setFontSmallSize (*int* **size**)

- ◆ **Description:**   Set small fonts size;

- ◆ **Parameters**:   *int* **size** : font size;

setHeight (*int* **height**)

- ◆ **Description:**   Image height;

- ◆ **Parameters:**   *int* **height** : Height of the image;

setInclination (*int* **incl**)

- ◆ **Description:**   set pie chart x-inclination;

- ◆ **Parameters:**   *int* **incl** : value included from 0 to 90;

setLegend (*mixed* **legend** , [*string* **align**])

- ◆ **Description:**   set legend and relative alignment;

- ◆ **Parameters:**   *mixed* **legend** : array that contain value to display on legend;
  string **align** : insert "left", "right", "top" or "Bottom" to align ledend
  (optional *DEFAULT* "right");

setLegMaxLen (*int* **len**)

- ◆ **Description:** set legend max length;

- ◆ **Parameters:** *int* **len** : char max length;

setMulticolor ( )

- ◆ **Description**: set different colours to different value on same values serie;

setSecondaryAxis ([*bool* **sx** , [*bool* **sy**]])

- ◆ **Description:** display secondary grid;

- ◆ **Parameters:** *bool* **sx** : if TRUE display x axis secondary grid (optional);
  bool **sy** : if TRUE display y axis secondary grid (optional);

setWidth (*int* **width**)

- ◆ **Description:** Image Width;

- ◆ **Parameters:** *int* **width** : Width of the image;

setXTitle (*string* **title**)

- ◆ **Description:** set x axis title;

- ◆ **Parameters:** *string* **title** : x axis title string;

setXValue (*mixed* **vlx**)

- ◆ **Description:** set mixed value for axis that not have numeric value;

- ◆ Parameters: *mixed* vlx : array that contain mixed value;

setYTitle (*string* **title**)

- ◆ **Description:** set y axis title;

- ◆ **Parameters:** *string* **title** : string that contain y axis title;