

Macro & Graphics

This is a demonstration of a MENU MACRO which is automatically activated by \0 (autoexec macro).

This macro displays a menu of different graph types. To view a graph move the highlighted bar with the cursor arrows and press [enter]. A graph will be displayed. You can stop the macro at any time by selecting Quit.

X-range	A-range	B-Range
1	3.271947	2.00573138986
2	6.183698	7.61492588761
3	8.4147098	13.6964563485
4	9.719379	3.68284674633
5	9.9540796	15.3660919936
6	9.0929743	16.2859709785
7	7.2308588	10.4018290194
8	4.5727263	17.4668566503

These are the
Data used in the
generated graphs.

—
AS-EASY-AS
—

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X-Y	Bar
Display an X	Display a Bar
{XY:}	{BAR:}
{Ret}	{Ret}

=====	=====
LABEL	COMMAND
=====	=====
\A	{escoeff} {hon {menuwidth

=	=
START:	/grg ogbqq {DEFINE:} {Delay 0}
AGAIN:	{BEGIN:} {Jump AGAI

BEGIN:	{MenuJump (
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XY:	/gtx otf {esc} THIS IS AN v q {Ret}
-----	--

BAR:	/gtb otf {esc} THIS IS A B. v q {Ret}
------	--

PIE:	/gtp bBCURVE~ otf {esc} EXPODING
------	---

v
rbq
{Ret}

LINE: /gtl
otf {esc}
THIS IS A LI
v
q
{Ret}

SEMI-LOG: /gtx
os
xeq
qq
otf {esc}
SEMI-LOG C
v
q
{Ret}

LOG-LOG: /gtx
os
xeq
yeq
qq
otf {esc}
LOG-LOG G
v
q
{Ret}

DEFINE: /gxXSTART~
aYSTART~
q
{Ret}

MERGE: /gtloty {esc}
LINE SCALI
tb

otf {esc}
MERGED G
y {Esc} BAR
nmfirst~v
ndfirst~
oty {esc} ~qc
{RET}

STACK: /gtsbxstart~
otf {esc}
STACKED E
v
rbq
{Ret}

HILO: /gbbcurve~ot
THIS IS HI L
qqth
v
rb
Q
{RET}

CUM: /gtC
otf {esc}
CUMULATI
v
q
{Ret}

RAD: /gtR
otf {esc}
THIS IS A R.
bbcurve~v
rbq
{Ret}

AREA: /gtA

```
otf {esc}  
THIS IS A A  
bbcurve~v  
rbq  
{Ret}
```

```
DEL: /gtD  
otf {esc}  
THIS IS A D  
v  
q  
{Ret}
```

```
SPLIT: /gtlotf {esc} ·  
LINE GRAP  
ncfirst~tb  
otf {esc}  
SPLIT GRAF  
x {esc}BAR ·  
nsfirst~v  
ndfirst~  
nrq  
{RET}
```

```
PPIE: /gtp  
rb  
otf {esc}  
THIS IS A PI  
v  
rbq  
{Ret}
```

Pie	Line	Semi-Log	Log-Log	Merge	Hi-Lo	Stacked
Display a Pie	Display a Lin	Make the x-a	Make both ax	Merge two gr	Connect Y-v	Display a Sta
{PPie:}	{pie:}{LINE:}	{SEMI-LOG	{LOG-LOG:}	{Merge:}	{HILO:}	{STACK:}
{ret}	{Ret}	{Ret}	{Ret}	{Ret}	{Ret}	{Ret}

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DESCRIPTION

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1e} {menuxy 6,4}

** Start the program **

12} {goto a1} {Jump START:}

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Reset the graph ranges
 Select a grid for both AXIS
 Define the graph ranges
 Set Graph Display time to 1000 millisecs
 Treat menu like its called
 Once completed return

N:}

GRAPHDEMO}

Start the Menuing Routine

XY GRAPH~qq

Select a X-Y graph
 Set titles
 Set titles
 View the GRAPH
 Quit the Graph Menu
 Return to the pt after Call

AR GRAPH~qq

Select a Bar graph
 Set titles
 Set titles
 View the Graph
 Quit the Graph Menu
 Return to the pt after Call

PIE GRAPH~qq

Select a Pie graph
 EXPLODE BY USEING CURVE B
 Set titles
 Set titles

	View the Graph Quit the Graph Menu Return to the pt after Call
LINE GRAPH~qq	Select a graph TYPE of LINE Set titles Set titles View the GRAPH Quit the Graph Menu Return to the pt after Call
GRAPH~qq	Select a graph TYPE of XY Select OPTIONS SCALE X-AXIS and EXPONENTIAL Quit the Scale Menu Set titles Set titles View the GRAPH Quit the Graph Menu Return to the pt after Call
RAPH~qq	Select a graph TYPE of XY Select OPTIONS SCALE X-AXIS and EXPONENTIAL Y-AXIS and EXPONENTIAL Quit the Scale Menu Set titles Set titles View the GRAPH Quit the Graph Menu Return to the pt after Call
~	Define X range Define Y range Quit graph menu Return
~qqncfirst~	Name Line graph settings - First Select current graph as BAR

RAPHS~
. SCALE~qq
jnrq

New graph title
Set titles
Set titles
Merge with First and View
Reset Merge option
Quit Graph Menu
Return

BAR GRAPH~qq

Select a Stacked Bar graph
Set titles
Set titles
View the Graph
Quit the Graph Menu
Return to the pt after Call

f {esc}
.O GRAPH~

Set Second Range
Set Titles
Set Hi-Lo Type
View
Reset Merge option
Quit Graph Menu
Return

VE GRAPH~qq

Select Cumulative Type
Set Titles
Set Titles
View
Quit Graph Menu
Return

ADAR GRAPH~qq

Select Radar Type
Set Titles
Set Titles
View
Quit Graph Menu
Return

Select Area Type

	Set Titles
REA GRAPH~qq	Set Titles
	View
	Quit Graph Menu
	Return
	Select Delta Type
	Set Titles
ELTA GRAPH~qq	Set Titles
	View
	Quit Graph Menu
	Return
~x {esc}	Set Titles
H~qqbbcurve~	Set Titles, Name Graph
	Bar Graph
	Set Titles for 2nd Graph
'HS LINE & BAR~	Set Titles for 2nd Graph
GRAPH~qq	Set Titles for 2nd Graph
	Display Graphs
	Delete Named Graph
	Quit
	Return
	Select a Pie graph
	Reset B Data (Just in case)
	Set titles
IE GRAPH~qq	Set titles
	View the Graph
	Quit
	Return

GRAPHDEMO}



