		VCSOuic	nickReference(V1.0.March6th.2001)			
	Functions		GraphicsMethods(x=vcs.init())		Template	, te
	Canyas x=vcs init()		Creating/Retrieving/Deleting	name	= name'	e',
open/clear/close ()	Canvas, A-ves. muc)	xcreate"graphicsmethod"		me	[onlov]=	10
	(slab,[grid=grd],[graphicmethod],[templateobject],)	x.get"graphicsmethod"		X	=[value]	e]
	automatic/manualupdate	x.removeobject	(object)		=[value]	e]
update ()	upaaresmechangesrovescanvas flushestheXserver	lle	CommonAttributes	texttable	=[stringortexttableobj] =[stringortexorientationobi]	
ut/landscape	•	name	='name'		same	:
	togglesbetweenportrait/landscape	projection	='linear','mollweide','robinson',or'polar'	mean/min/max	same	:
geometry (width, height, xoffse set ('method' l'name'))	(wiath,height,xojfsetleft,yojfsetlop)resizethewindow ('method' l'name'l) setthedefaultalottin coranhic smethod	x[y]ticlabels1[2]	=[ttst]or(dic) =[tist]or(dic)	comment1[2/3/4]		:
colormap		datawc_x[y]1[2]	=value#Worldcoordinates	crdate/crtime/transformation	rmationsame	: :
	0 <= r, g, b <= 100	x[y]axisconvert	='linear', 'log10', 'ln', 'exp',or'area_wt'	x[y/z/t]name[units/value/		: :
getcolormap ('name')	getthecolormap'name'		Crossiff of the buston	x[/y][min/max]tic1[/2]		
ne	getthenameofthecolormapsed	boxfill	Specificationes	priority v[/x]1	=[value]	e] o1
getcolorcell (icell)	returnthe[r,g,b]valuesforcolor icell	level_1	$=value\#Plotdatagreaterthanlevel_I$	y[/x]2	=[value]	e]
pgui	popsupthecolormapGUI	level_2	=value#Plotdatalowerthanlevel_2	line	=[strin	= [stringorlineobj]
animate () orid (dim 10 dim)	() (dim10 dim11 - dimn0 dimn1)	color_1	=0<=value<=253#Ftrstcolorinpatette =0<=value<=255#fastcolorinpalette	x[/y]label1[/2]	Toulout -	0.1
		legend	=[list],(tuple)or{dictionary}	pilolity v[/x]	-lvalue	e] e]
	"outofgraphicsmethod" dimensions	ext_1	='n'or'y'#Leftarrow(off'on)	line	=[strin	=[stringorlineobj]
resetgrid ()	undogrid()	ext_2	₽	data		,
	Output	isofill	-0 <value< 2.55#c0t010jmtsstrtgvalue<="" td=""><td>priority x 1</td><td>=[value] =[value]</td><td>e] o1</td></value<>	priority x 1	=[value] =[value]	e] o1
printer (printername,['p'/'l'])		levels	=[list]or(tuple)#ex[10,20,30]or[(20,30),(50,60)]	v1	=[value]	e]
script		fillareacolors	= [list]or(tuple)0<=values<=255	x2	=[value]	ej
		fillareastyle		y2 	=[value]	e]
gii (Juename[.giJ,[] a/r],[] p/t]) com (filename[.com] $[a'/r']$)	r J, [p / t]) — a/r:appena/reptace,p/t:portrati/tanascape //r/l) — a/r:a mend/replace	nilareaindices ext 1	=1<=value<=1/orjuidredob ecis ='n'or'v'#1@flarrow(off',on)	line	=[strin	=[stringorlineobj]
L		ext_2	='n'or'y'#Rightarrow(off/on)	line 1[/2/3/4]	same	>aune
J		missing	=0<=value<=255#colorofmissingvalue	box1[2/3/4]	same	
		isoline				
Ouervin	Onerving(x=vcs.init().gmisagraphicsmethod)	level	=[tist]or(tiple)#ex[10,20,30]or[(20,30),(30,00)] ='n' 'v'ort) 1		SecondaryMethods	ethods
		line	=lineob_jectorvalueinline.type(0<=value<=4)	textorientation(To)	**************************************	
gm.list ()	listtheoptionforavcsobjectandthe	linecolors	=[list]or(tuple)0 <= values <= 255	height	= $name$ $=$ $I < = va$	= name = I<=value<=100
-	valuesthey'resetto	text	=0<=values<=9ortexttableortextorientationobject	angle	1=>0=	= 0 <= value <= 360
vcs.graphicsmethodtype(gm)	returnsgraphicmethodtype(boxfil))	textcolors	=[values]orfromtheobjectspassedtotext	path	ndgir' =	= 'right', 'left', 'up', 'down' or $(0,I,2,3)$
x.isgraphicsmemod(gm) x is"vcsobjecttvne"(gm)	i tjuisagrapnicsmeinoa, otjnoi 1/0"vesobiectivne" canbeanythe	Vector	=lineobjectoryalueinline tyn = o(0<=yalue<=4)	halign	= $left'$,	'left', 'center', 'right'or(0,1,2)
graphicsmen	graphicsmethod('boxfill', isofil',)or	linecolor	25	valign	= top' ,	'top', 'cap', 'half, 'base', 'bottom' or (0,1,2,
secondarym	secondarymethods('marker',	scale	=value	texttable(1t)	'ompu' –	,
	emplate'	alignement	="head", "center", "tail"(or0,1,2)		= I <= value <= 9	ω
x.show ('vcsobjecttype')	ype') showallthevcsobjectsoftype	type	="arrows", "barbs", "solidarrows"(or0,1,2)	ing	= -50 < = value < = 50	
vesobjectty	"ycsobjecttype" available	reference	=value	on	= 50 < = value < = 150	
X.isportrait ()	0/1	line	= $lineobiectorvalueinline.tvp$ $e(0 <= value <= 4)$	color	= 0 < = value < = 255	
		linecolor	25	line(TI)	, , , , ,	, ,
Help(Help(x=vcs.init(),gmisagraphicsmethod)	type	=0<=value<=7(ormoreifyouaddedconinentsoutline)	type	= solid	= name =' solid', 'dash' , 'dot', 'dash -dot', 'long-da:
x objectheln (yesohi ect)	nrintthoholnforwsohiort	scatter(=xvsywithinec	unecolor=willecolor) -Noneorvaluesinmarker tyne(1/-value/-17)		or(0,1,2,3,4)	2,3,4)
	printthehelpforthevesfunction	markercolor	=[list]or(tupl e)0<= $values$ <=255	width	1=>/==	= I <= value <= 300 $= 0 < -value <= 300$
gm.list ()	listtheoptionforavcsobjectandthe	markersize	=I <= value <= 300	marker(Tm)	1 / 2	aiae > -2.00
	valuesthey'resetto.	xvsy/xyvsy/yxvsx		name	=' $name$ '	
anypyobjectdoc	Anypythonobjectbuiltindocumentation	line	=lineobjectorvalueinline.type(O<=value<=4) -Uistlor(timlo)O <values<255< td=""><td>type</td><td>= 'dot',</td><td>'plus', 'star', 'circle', 'cross', 'diam</td></values<255<>	type	= 'dot',	'plus', 'star', 'circle', 'cross', 'diam
	Scripting	marker	$=I_{\text{trist}}$ for I_{trist}		'triangl	'triangle_up', 'triangle_down','triangle_
scriptrun ('name of vcsscript')		markercolor	=[list]or (tuple) $0 <= values <= 255$		trian trianal	triangle_right, square, alamond_fill, 'trianole un fill'
scriptsave ('name', ['a/w'])		markersize	=I<=value<=300	'triangle_down_fill', 'triangle_left_fill',		
scriptobject (vcsobject,'n	a/w:appena(ae)//repiace (vcsobject,'name[.scr]','a/w')savetheobjectasapythonscript	outnu fillareacolor	= [list]or(tuple) $0 < = values < = 255$			'triangle_right_fill', 'square_fill', or 0 <
	unless.scrspecified, then saved as avcs	fillareastyle	='solid', 'hatch', or'pattern'	<=1/	(-// -	- 1/-value/-300
	script,a/w:append(def)/replace	fillareaindex	=I<=value<=I7orfillarea obects	color	1=>0=	= 1 < value < -500 $= 0 < value < -255$
saveinitialfile () vcsobiect.script ('file[.scrl'.'a/w')	resavetneV Csinitial.attributejue a/w') savethevcsobjecttofile.	outill	=values	fillarea(Tf)		
		line	= lineobjectorvalueinline.type(0<=value<=4)	name color	='name' =[list]or(tuple) $0 <= values <= 255$	<=255
		Innecolor outline	=[tist]or(tuple)0<=values<=255 =values	style	='solid', 'hatch', or'pattern'	
				IIIACA	-1 \- \ \ anne \- 1 \	