



CartoScripts™ give you the ability to design custom map symbols for lines and points in vector and CAD objects. You can also select alternate symbols and vary the symbol elements using attribute values in database tables attached to the object. To illustrate the power of CartoScripts, MicroImages has created a set of free scripts designed to render the specialized line and point symbols for geologic and geotectonic maps. All of the scripts set the size of point symbols and line elements in millimeters relative to the scale of the printed map. You can edit the scripts to set the desired map scale, element sizes, and color. Since these scripts use many of the CartoScript functions in varied combinations, you can also study them for ideas on how to create your own custom map symbols.

[Download free at: www.microimages.com / freestuff / cartoscript](http://www.microimages.com/freestuff/cartoscript)

Some of the line symbols are drawn on a particular side of each line (left or right relative to the start point). You can use the Spatial Data Editor if needed to swap the start and end of individual lines to achieve the correct orientation. The point symbols use numerical attributes in particular fields in a database table to orient and label each symbol and to select symbol variants. To use these scripts you must edit them to reference the correct field and table for your data.

**Fold Axis Lines**

	Solid	Dashed
	anticln1.qry	anticln2.qry
	anticln3.qry	anticln4.qry
	anticln5.qry	anticln6.qry
	synclin1.qry	synclin2.qry
	synclin3.qry	synclin4.qry
	synclin5.qry	synclin6.qry

**Fault Lines**

	Solid	Dashed
	normflt1.qry	normflt2.qry
	normflt3.qry	normflt4.qry
	hidsflt1.qry	hidsflt2.qry
	thrsflt1.qry	thrsflt2.qry
	ssflt1f1.qry	ssflt1f2.qry
	ssfltrt1.qry	ssfltrt2.qry

**Geotectonic Map Symbols**

	Solid	Dashed
	trnfltl1.qry	trnfltl2.qry
	trnfltr1.qry	trnfltr2.qry
	ridge1.qry	ridge2.qry
	suture1.qry	suture2.qry
	arrow.qry	

**Point Symbols for Attitude of Outcrop Features**

Strike and Dip of Planar Features		Note: Strike direction must be specified in azimuth using the right-hand rule.
		Bedding: inclined, overturned, vertical, horizontal
		Cleavage: inclined, vertical
		Foliation: inclined, vertical
		Joint: inclined, vertical

**Trend and Plunge of Linear Features**

	Mineral Lineation	lineatn.qry
	Intersection Lineation	intrsect.qry
	Minor Fold Axis	minfold.qry
	Crenulation Axis	crenaxis.qry