gnuplot World Demo

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```
plot world map and correspondent locations as a +
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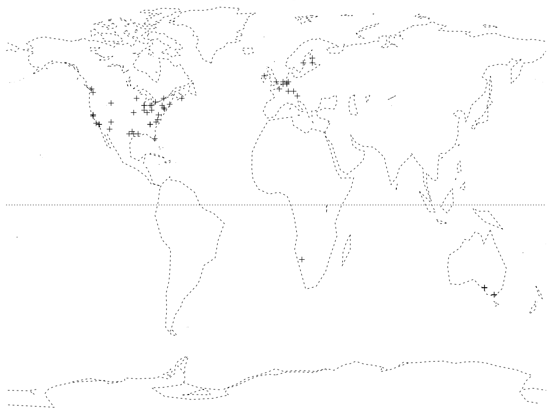
```
set title "Gnuplot Correspondences"
set nokey
set noborder
set noyzeroaxis
set noxtics
set noytics

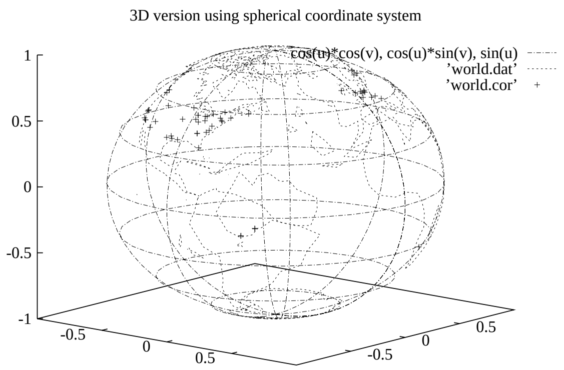
plot 'world.dat' with lines 3 4, 'world.cor' with points 1 2
set title ""
set key
set border
set yzeroaxis
set xtics
set ytics
```



plot a '3D version using spherical coordinate system' of the world.

```
set angles degrees
set title "3D version using spherical coordinate system"
set view 70,40,,2.0
set mapping spherical
set parametric
set samples 32
set isosamples 9
set urange [-pi/2:pi/2]
set vrange [0:2*pi]

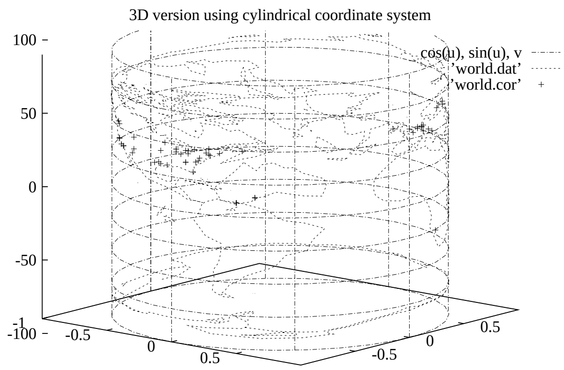
splot cos(u)*cos(v),cos(u)*sin(v),sin(u) with lines 5 6,\
'world.dat' with lines 3 4, 'world.cor' with points 1 2
```



plot a '3D version using cylindrical coordinate system' of the world.

```
set title "3D version using cylindrical coordinate system"
set view 70,40,,2.0
set mapping cylindrical
set parametric
set samples 32
set isosamples 9
set urange [-pi:pi]
set vrange [-90:90]

splot cos(u),sin(u),v with lines 5 6,\
'world.dat' with lines 3 4, 'world.cor' with points 1 2
```



Clean up: