

Simple

- hello world (inline feature, no data, text label at a point)

Simple core objects and basic configuration

- layerObj & classObj (basic shapefile (LINE), color in the classObj)
- styleObj
- labelObj (bitmap font, all defaults)
- scalebarObj
- legendObj
- referenceObj

Core object specific important configuration

- layerObj
 - TYPE
 - STATUS
 - OPACITY
 - scale (MIN/MAX/SYMBOLSCALEDENOM)
- classObj
 - EXPRESSION (and layerObj CLASSITEM)
 - TEXT
- styleObj
 - SYMBOL
 - SIZE
 - OUTLINECOLOR
 - BACKGROUNDCOLOR
 - OPACITY
 - ANGLE
 - ANTIALIAS
 - attribute binding
- labelObj
 - FONT/TYPE
 - OUTLINECOLOR
 - SIZE
 - ANGLE (auto and follow too)
- scalebarObj
 - TYPE
 - INTERVALS
 - various COLORS

Data types, need examples for:

- vector
 - PostGIS
 - sub selects
 - tiled shapefile
 - MapInfo
 - WFS
 - Inline shapes (TRANSFORM ON/OFF)
- raster
 - 8/16/24-bit GeoTIFF

- WMS
- tiled raster (w/tile layer)

Symbolization

- basics (VECTOR, PIXMAP, ELLIPSE)
- common effects
 - Googlish roads
 - dashed lines
 - pattern fills
 - stacked symbols
 - drop shadows
 - thick outlines

Basic CGI

- mode=map
- simple pan/zoom
- simple pan/zoom + query

Advanced CGI

- other query modes (see DNR test suite)
- URL configuration
- runtime substitution
- non-html templating (KML, GeoJSON)

MapScript

- ideas?

WxS

- minimal WMS configuration
- minimal WFS configuration
- advanced WFS configuration (data transformations)
- minimal WCS configuration
- minimal SOS configuration

Integration with 3rd-party products

- OpenLayers
 - WMS
 - untiled MapServer-layer
 - vector feature creation from MapServer-based GML/JSON/KML source
- Google
 - new tile support
 - vector feature creation from MapServer-based GML/JSON/KML source
- GoogleEarth
 - WMS
 - KML creation from MapServer