

# MapServer browse map

Utilizzo di MapServer in modalità **browse**. Si tratta di un mini applicativo web-gis interamente realizzato con MapServer CGI, senza utilizzare PHP/MapScript. Utile anche al fine di **debuggare il file .map**.

Per far funzionare l'esempio bisogna predisporre:

- Il file .map
- Il template .html
- La reference map (file .png)
- Il file fonts.txt contenente l'elenco dei font
- I file .ttf con i font TrueType
- Gli shapefile

## File .map

### 090\_browse\_decorated.map

```
MAP

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NAME "firenze10k"
EXTENT 1681956 4847827 1685784 4850697
SIZE 800 600
SHAPEPATH "gisdata"
IMAGETYPE aggpng24
FONTSET "fonts/fonts.txt"

OUTPUTFORMAT
  NAME "aggpng24"
  DRIVER "AGG/PNG"
  IMAGEMODE RGB
END

WEB
  TEMPLATE "090_browse_decorated.html"
  IMAGEPATH "tmp/"
  IMAGEURL "/mapserver/tmp/"
  MINSCALE 5000
  MAXSCALE 100000
END

SCALEBAR
  INTERVALS 5
```

```
UNITS kilometers
OUTLINECOLOR 0 0 0
STYLE 0
STATUS embed
LABEL
  SIZE small
  COLOR 0 0 0
END
END

REFERENCE
  IMAGE "089_reference.png"
  SIZE 200 150
  EXTENT 1681455 4846972 1687316 4851711
  STATUS ON
  MINBOXSIZE 10
  MAXBOXSIZE 200
  OUTLINECOLOR 192 0 0
  COLOR -1 -1 -1
END

LEGEND
  LABEL
    ENCODING UTF-8
    TYPE truetype
    FONT arial
    SIZE 9
  END
  STATUS ON
END

LAYER
  NAME "curve_livello"
  STATUS ON
  TYPE LINE
  DATA "shape/geofesta2008/firenze10k/s_275040/275040cu"
  CLASS
    NAME "Curve di livello"
    COLOR 212 164 96
  END
END

LAYER
  NAME "aree_idriche"
  STATUS ON
  TYPE POLYGON
  DATA "shape/geofesta2008/firenze10k/s_275040/275040ad"
  CLASS
    NAME "Aree idriche"
    COLOR 64 168 252
```

```
    OUTLINECOLOR 0 0 243
  END
END

LAYER
  NAME "entita_lineari"
  STATUS ON
  TYPE LINE
  DATA "shape/geofesta2008/firenze10k/s_275040/275040el"
  CLASS
    NAME "Entità lineari"
    COLOR 120 120 120
  END
END

LAYER
  NAME "archi_ferroviani"
  STATUS ON
  TYPE LINE
  DATA "shape/geofesta2008/firenze10k/s_275040/275040af"
  CLASS
    NAME "Archi ferroviari"
    STYLE
      COLOR 0 0 0
      WIDTH 3
    END
  END
END

END
```

## Template html

### 090\_browse\_decorated.html

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
  Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>

<head>
<title>MapServer Web Map Browse</title>
</head>

<body>
<form name="mapserv" method="GET" action="/cgi-bin/mapserv.exe">

  <!-- Hidden MapServer CGI variables -->
  <input type="hidden" name="map" value="[map]">
  <input type="hidden" name="imgext" value="[mapext]">
```

```
<input type="hidden" name="imgxy" value="[center]">
<input type="hidden" name="zoom" value="1">
<input type="hidden" name="zoomsize" value="2">
<input type="hidden" name="mode" value="browse">

<table>
<tr><td>
<!-- The interactive, dynamically created map -->
<input type="image" name="img" src="[img]" border="1"><br>
</td><td valign="top">
<!-- Zoom controls -->
<input type="radio" name="zoomdir" value="1" [zoomdir_1_check]>Zoom
In<br>
<input type="radio" name="zoomdir" value="0" [zoomdir_0_check]>Pan<br>
<input type="radio" name="zoomdir" value="-1" [zoomdir_-1_check]>Zoom
Out<br>
<p>
<!-- Layer controls -->
<input type="checkbox" name="layer" value="curve_livello"
[curve_livello_check]>Curve di livello<br>
<input type="checkbox" name="layer" value="aree_idriche"
[aree_idriche_check]>Aree idriche<br>
<input type="checkbox" name="layer" value="entita_lineari"
[entita_lineari_check]>Entit&grave; lineari<br>
<input type="checkbox" name="layer" value="archi_ferroviani"
[archi_ferroviani_check]>Archi ferroviari<br>
<input type="submit" name="submit" value="Aggiorna"><br>
<p>
<!-- Reference map and legend -->
<input type="image" name="ref" src="[ref]" border="1"><br>
<p>
<br>
</td></tr>
</table>
<small>Scala 1:[scale]</small>

</form>
</body>
</html>
```

## Reference map

089\_reference.png



## Indice dei font

### fonts/fonts.txt

arial	Arial.ttf
arial_italic	Arial_Italic.ttf
arial_bold	Arial_Bold.ttf
arial_bold_italic	Arial_Bold_Italic.ttf

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