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1 # GNUPlot Visualization - Second Viz
2 # Dee and Leif
3 # F/K Fall 2012
4
5 # Export Settings
6 #set terminal postscript enhanced color
7 #set output '| ps2pdf - plot.pdf'
8 set termoption enhanced
9
10 # Site Colors
11 black="#000000"
12 red="#A60000"
13 blue="#1437AD"
14 green="#2B8E00"
15
16 set multiplot
17
18
19 ## Row 1
20
21 # Plot 1 - Brazil
22 set title "Brazil"
23 set origin 0,0.5
24 set size 0.25,0.5
25 unset key
26 set ytics 10
27 set xtics nomirror rotate by -45
28 set xrange [1960:2010]
29 set yrange[0:65]
30 unset xlabel
31 unset ylabel
32 set grid
33 set datafile separator ","
34 plot "industry/brazil.txt" using 2:3 title 'Industry' with lines lc rgb black, \
35 "agriculture/brazil.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
36 "forest/brazil.txt" using 4:9 title 'Forest' with lines lc rgb green, \
37 "population/brazil.csv" using 1:2 title 'Population' with lines lc rgb blue
38
39 # Plot 2 - Canada
40 set title "Canada"
41 set origin 0.25,0.5
42 set size 0.25,0.5
43 unset key
44 set xrange [1960:2010]
45 set yrange[0:65]
46 unset xlabel
47 unset ylabel
48 set grid
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49 set datafile separator ","
50 plot "industry/canada.txt" using 2:3 title 'Industry' with lines lc rgb black, \
51 "agriculture/canada.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
52 "forest/canada.txt" using 4:9 title 'Forest' with lines lc rgb green, \
53 "population/canada.csv" using 1:2 title 'Population' with lines lc rgb blue
54
55 # Plot 2 - China
56 set title "China"
57 set origin 0.5,0.5
58 set size 0.25,0.5
59 unset key
60 set xrange [1960:2010]
61 set yrange[0:65]
62 unset xlabel
63 unset ylabel
64 set grid
65 set datafile separator ","
66 plot "industry/china.txt" using 2:3 title 'Industry' with lines lc rgb black, \
67 "agriculture/china.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
68 "forest/china.txt" using 4:9 title 'Forest' with lines lc rgb green, \
69 "population/china.csv" using 1:2 title 'Population' with lines lc rgb blue
70
71 # Plot 2 - Congo, Dem. Rep.
72 set title "Congo, Dem. Rep."
73 set origin 0.75,0.5
74 set size 0.25,0.5
75 unset key
76 set xrange [1960:2010]
77 set yrange[0:65]
78 unset xlabel
79 unset ylabel
80 set grid
81 set datafile separator ","
82 plot "industry/drc.txt" using 2:3 title 'Industry' with lines lc rgb black, \
83 "agriculture/drc.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
84 "forest/drc.txt" using 4:9 title 'Forest' with lines lc rgb green, \
85 "population/drc.csv" using 1:2 title 'Population' with lines lc rgb blue
86
87 ## Row 2
88
89 # Plot 1 - India
90 set title "India"
91 set origin 0,0
92 set size 0.25,0.5
93 unset key
94 set xrange [1960:2010]
95 set yrange[0:65]
96 unset xlabel
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97 unset ylabel
98 set grid
99 set datafile separator ","
100 plot "industry/india.txt" using 2:3 title 'Industry' with lines lc rgb black, \
101 "agriculture/india.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
102 "forest/india.txt" using 4:9 title 'Forest' with lines lc rgb green, \
103 "population/india.csv" using 1:2 title 'Population' with lines lc rgb blue
104
105 # Plot 2 - Madagascar
106 set title "Madagascar"
107 set origin 0.25,0
108 set size 0.25,0.5
109 unset key
110 set xrange [1960:2010]
111 set yrange[0:65]
112 unset xlabel
113 unset ylabel
114 set grid
115 set datafile separator ","
116 plot "industry/madagascar.txt" using 2:3 title 'Industry' with lines lc rgb black, \
117 "agriculture/madagascar.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
118 "forest/madagascar.txt" using 4:9 title 'Forest' with lines lc rgb green, \
119 "population/madagascar.csv" using 1:2 title 'Population' with lines lc rgb blue
120
121 # Plot 2 - Peru
122 set title "Peru"
123 set origin 0.5,0
124 set size 0.25,0.5
125 unset key
126 set xrange [1960:2010]
127 set yrange[0:65]
128 unset xlabel
129 unset ylabel
130 set grid
131 set datafile separator ","
132 plot "industry/peru.txt" using 2:3 title 'Industry' with lines lc rgb black, \
133 "agriculture/peru.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
134 "forest/peru.txt" using 4:9 title 'Forest' with lines lc rgb green, \
135 "population/peru.csv" using 1:2 title 'Population' with lines lc rgb blue
136
137
138 # Plot 2 - Russian
139 set title "Russian"
140 set origin 0.75,0
141 set size 0.25,0.5
142 unset key
143 set xrange [1960:2010]
144 set yrange[0:65]
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145 unset xlabel
146 unset ylabel
147 set grid
148 set datafile separator ","
149 plot "industry/russia.txt" using 2:3 title 'Industry' with lines lc rgb black, \
150 "agriculture/russia.txt" using 2:3 title 'Agriculture' with lines lc rgb red, \
151 "forest/russia.txt" using 4:9 title 'Forest' with lines lc rgb green, \
152 "population/russia.csv" using 1:2 title 'Population' with lines lc rgb blue
153
154 unset multiplot
155 reset
156
157
```