

2003/12/6

```
<< Graphics`MultipleListPlot`

Off[General::Spell]

country1 = "north_korea2pts.txt";

country2 = "china2pts.txt";

myDirectory = "/Volumes/PBG4/LaCie Backup/NDVI2000/border";
SetDirectory[myDirectory];

getBorderData[country_] :=
(
  rstr = ReadList[country, String];
  border = {};
  data = {};
  i = 1;
  (* skip file header*)
  While[(polyN = rstr[[++i]]) != "END",
    (
      (* get polygone number*)
      (* skip first data line*)
      ++i;
      While[(s = rstr[[++i]]) != "END",
        (
          a = Read[StringToStream[s], {Number, Number}];
          data = Append[data, a];
        )];
      border = Append[border, data];
      data = {};
    )]; border
)

border1 = getBorderData[country1];

border2 = getBorderData[country2];

border2 >> ChinaBorder;

border1 >> NcoreaBorder;
```

■ Any time we can retrieve the border data from file

```
myDirectory = "/Volumes/LaCie/NDVI2000/border";
SetDirectory[myDirectory];

border = << NcoreaBorder;
```

following function makes the border list length to half of original.

```

droplist = {};
Do[
  (border[[i]] = Drop[border[[i]], {1, Dimensions[border[[i]]][[1]], 2});

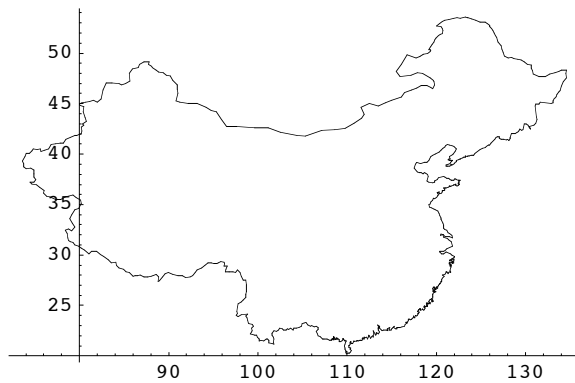
  If[First[border[[i]]] != Last[border[[i]]],
    border[[i]] = Append[border[[i]], First[border[[i]]]];
  If[Dimensions[border[[i]]][[1]] < 10, (droplist = Append[droplist, {i}])]
],
{i, 1, Dimensions[border][[1]]};
border = Delete[border, droplist];
Dimensions[border]

```

```

MultipleListPlot[border, PlotJoined → True,
  SymbolShape → None, PlotStyle → GrayLevel[0]];

```



```

MultipleListPlot[border, PlotJoined → True,
  SymbolShape → None, PlotStyle → GrayLevel[0]];

```

