CoordinateSystem

-squareHash:unordered_map<tuple<int,int>,Country>
-interval:int
-columns:int
-rows:int

+calculateCountryPoints(Country * country):void
-getColumnPos(float pYCoordinate):int
-getRowPos(float pXCoordinate):int

Parser

+ loadCountries:static unordered_map<Country,Country>

SVG

uses

Painter

+paint()

//Pinta el svg

//Pinta el mapa

MemoryPainter

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+
operation1(params):returnType
- operation2(params)
- operation3()

SVGPainter

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+
operation1(params):returnType
- operation2(params)
- operation3()

Country

-id:char *
-name:char *
-mapPoints:vector<tuple<float,float>
-color:string

-setMapPoints(const char* pSvgPath):void
+showMapPoints():void

Map

borderHash:unordered_map<Country,Country>
-coordinateSystem:CoordinateSystem
-currentStrategy:ColorStrategy

-createBorderHash():void
-fillBorderHash():void
-

//Faltan los modelos de diseno, observers
los Strategy, Los pintores , el lazyWritter

ColorStrategy

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+
operation1(params):returnType
- operation2(params)
- operation3()

Observer

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+
operation1(params):returnType
- operation2(params)
- operation3()

Observable

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+
operation1(params):returnType
- operation2(params)
- operation3()

Lazyness

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+
operation1(params):returnType
- operation2(params)
- operation3()

Dynamic

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+ operation1(params):returnType
- operation2(params)
- operation3()

Divide

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+ operation1(params):returnType
- operation2(params)
- operation3()

BackTracking

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+ operation1(params):returnType
- operation2(params)
- operation3()