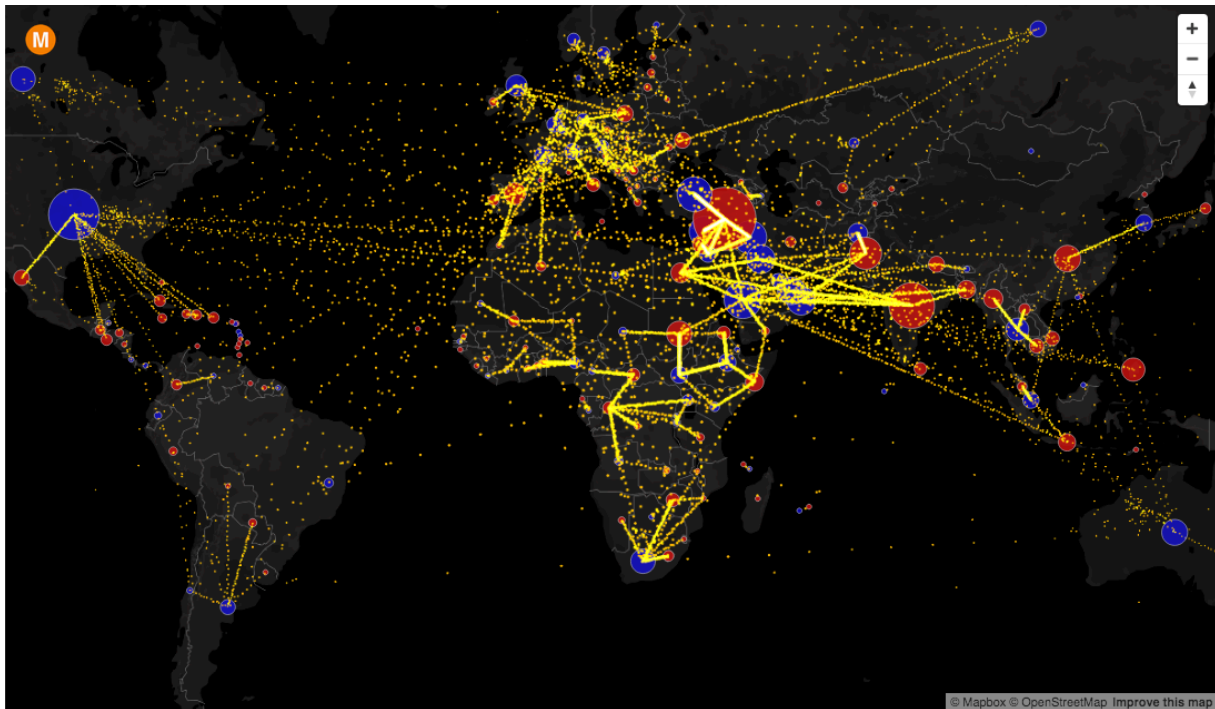


Human Migration Map

- state of the art -

The idea of this project came from the the fact that are few accessible applications that allows users to see detailed informations about the human migrations around the whole world. This kind of instrument can be useful in many fields, especially in politics and economics, but everyone can have some conclusions after seeing a real-time updated map with highly interested destinations.

A project which shows a map with the estimated net immigration (inflows minus outflows) by origin and destination country was developed by Max Galka¹. The data for this map comes from the U.N. Population Division and the author wants to answer to this questions: How many migrants are there? Where are they coming from? Where are they going? His goal was achieved and now everyone can see that, for example, the net migration from Syria to Sweden was more than Syria's net migration to the rest of Europe and the Americas combined.



¹ <http://metrocosm.com/global-immigration-map/>

Despite of this interesting features the map of Max Galka has a big disadvantage: the information is now outdated because the map shows knowledge about migration between 2010 and 2015. Another thing is that the numbers are not fully consistent. In some cases, they represent foreign citizens and in others they represent foreign born. To calculate the the immigration estimates, Max looked the difference between the migrant stock in 2015 and that in 2010. Since some of that difference is due to mortality, not immigration, he adjusted the 2010 numbers down assuming an annual mortality rate of 0.8%, the global average.

Also, it would be extremely useful if we could know why some people from country A are going to country B. We want to provide this information too in our Human Migration Map project. To achieve this we will analyze also the social networks traffic.

Articles and books:

1. Semantic Web Technologies by John Davies, Rudi Studer and Paul Warren
2. TweepsMap
3. United Nations International Migration