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1. Community detection

- A community / cluster is a group of nodes more densely connected with each other than with the rest of the network.
- How to define "more densely connected", and how to calculate it efficiently, is research in progress.
- Two options:
 - Disjoint communities
 - Overlapping communities
 - => Research on disjoint communities is currently more advanced.





















































Credits

- Migration map
 - Martin de Wulf, 2010
 - http://migrationsmap.net
- GapMinder
 - Gapminder.org
- LinkedIn Map
- http://inmaps.linkedinlabs.com
- Facebook network of friendships
 - Paul Butler, 2010.
 - https://www.facebook.com/note.php?note_id=469716398919
- Musli ingredient network
 - Moritz Stefaner, 2012
 - http://moritz.stefaner.eu/projects/musli-ingredient-network/
- Flavor network
 - · Yong-Yeol Ahn, Sebastian E. Ahnert, James P. Bagrow & Albert-László Barabási, 2011
 - http://www.nature.com/srep/2011/111215/srep00196/fig_tab/srep00196_F2.html

