I am implementing a tool for drawing relationship maps between Autonomous Systems in the Internet. Autonomous Systems can have three types of relationships as introduced by L. Gao:
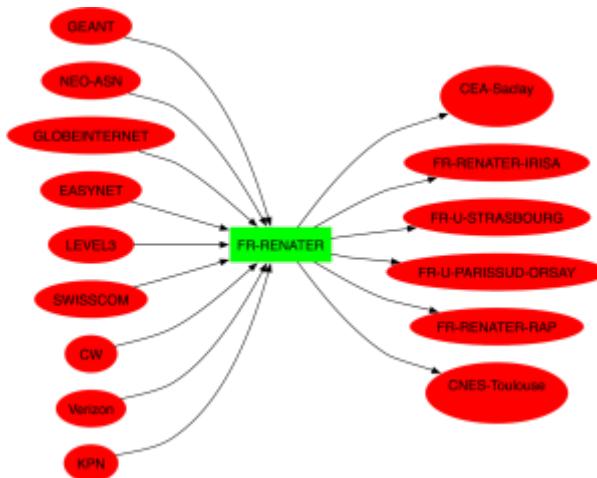
- customer-to-provider (c2p) (or if looked at from the opposite direction, provider-to-customer p2c),
- peer-to-peer (p2p), and
- sibling-to-sibling (s2s)

This tool uses data from the following sources :

- AS information
- Relationship data
- AS name to number mapping

Feel free to download the scripts.

An output example is given in the following figure. AS 2200 (RENATER) is a provider for FR-RENATER-IRISA and is a customer for LEVEL3 or GEANT.