



Download Gephi at
<http://gephi.org>

✓ Goals

Create the **Photoshop** of network visualization, by combining a rich set of built-in **features** and a friendly **user interface**.

Design a **modular** and extensible software architecture, facilitate **plug-ins** development, reuse and mashup.

Build a large, international and diverse **open-source community**.

↗ Community

Join the network, participate designing the **roadmap**, get help to quickly code **plug-ins** or simply share your ideas.

[Gephi.org](http://gephi.org)

- + Getting started,
- + Tutorial,
- + Live demo...

Discover

[Blog + RSS](http://Blog+RSS)

Twitter.com/gephi

Stay in touch

forum.gephi.org

[Community portal \(wiki\)](http://Community portal (wiki))

Google Summer of Code

Get help

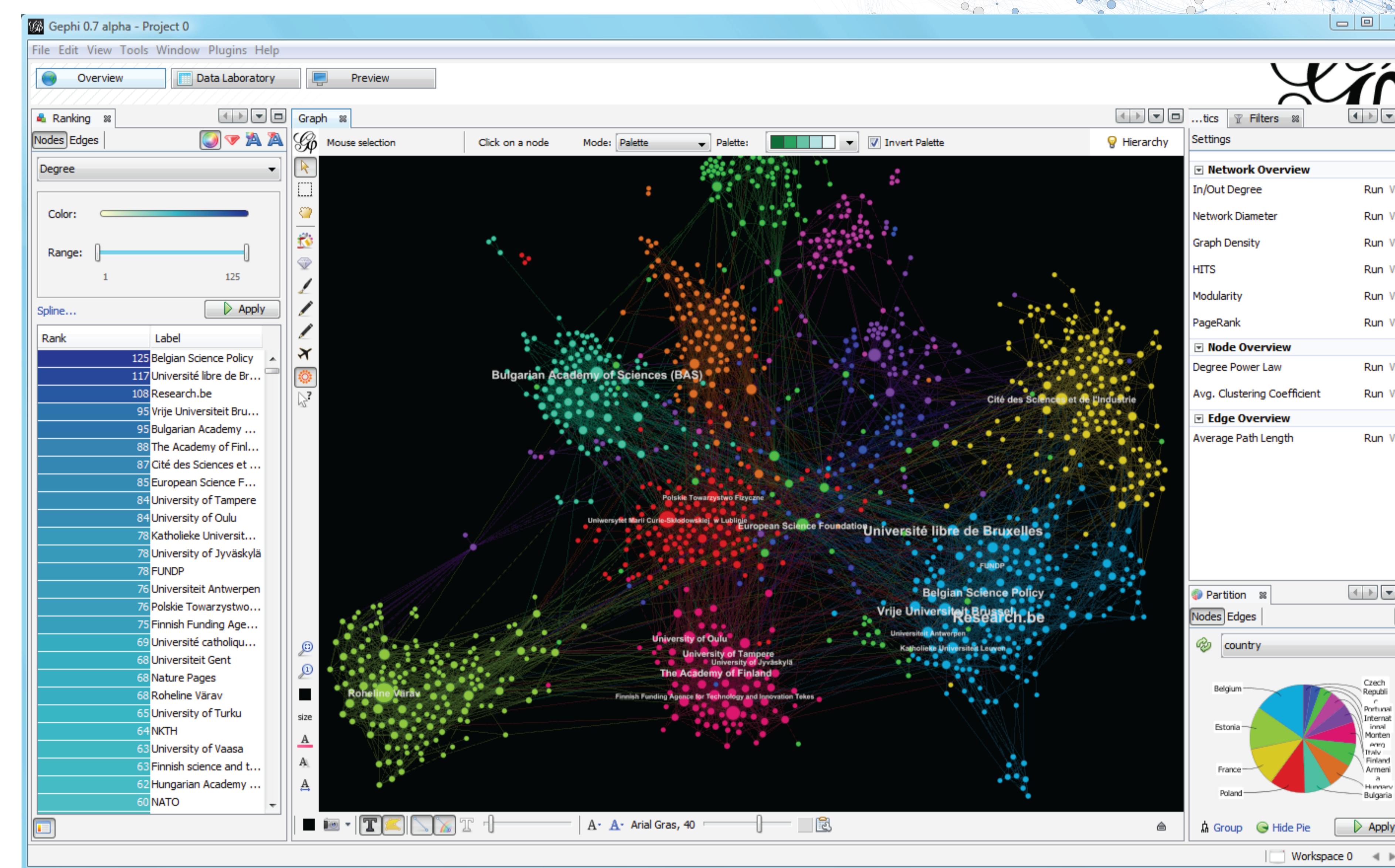
Developers' platform

[+ Code documentation + Dev Wiki](http://Code documentation + Dev Wiki)

Contribute

The Open Graph Viz Platform

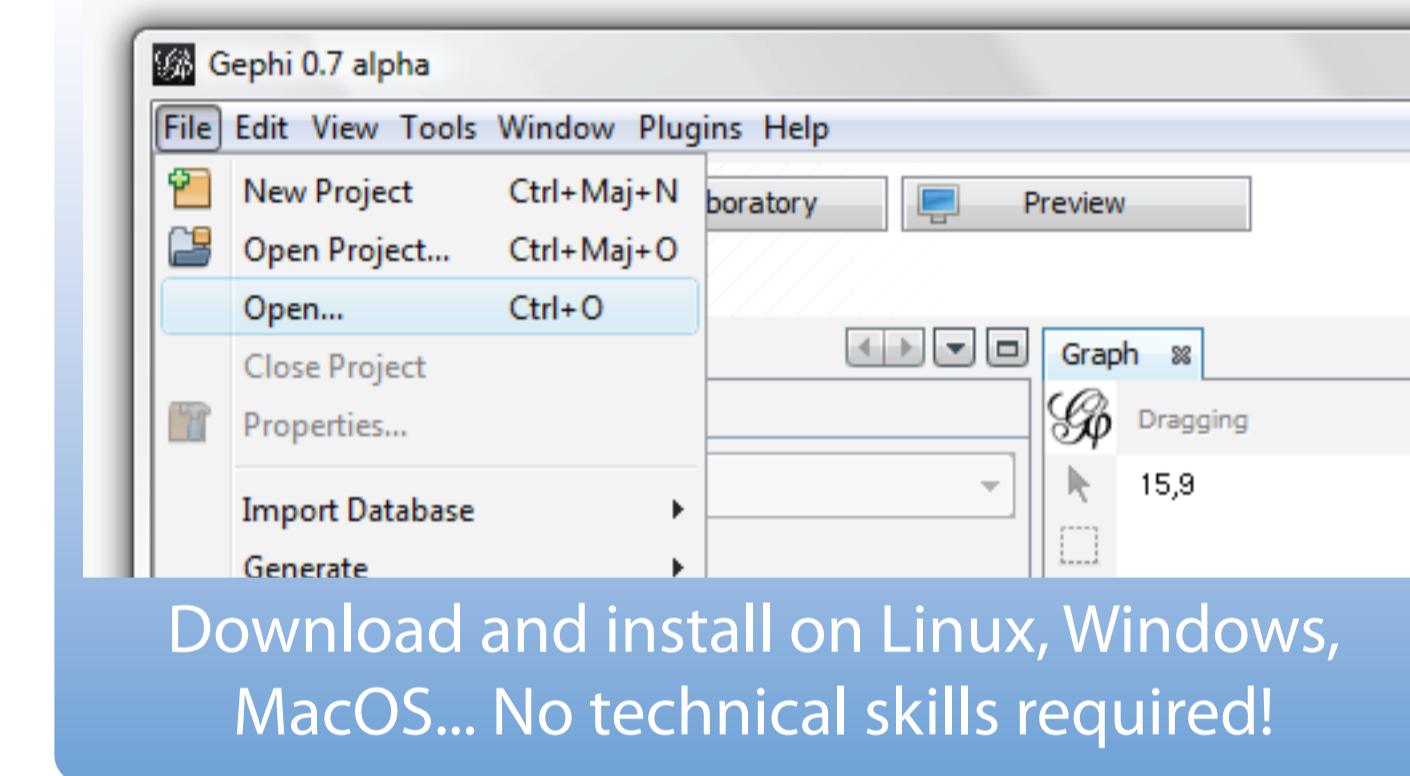
Gephi is a new open-source network visualization platform. It aims to create a **sustainable** software and technical ecosystem, driven by a large international **open-source community**, who shares common interests in networks and complex systems. The rendering engine can handle networks larger than 100K elements and guarantees **responsiveness**. Designed to make data navigation and manipulation easy, it aims to fulfill the complete chain from data importing to aesthetics refinements and **interaction**. Particular focus is made on the software **usability** and **interoperability** with other tools. A lot of efforts are made to facilitate the community growth, by providing tutorials, plug-ins development documentation, support and student projects. Current developments include Dynamic Network Analysis (DNA) and spigots (Emails, Twitter, Facebook ...) import.



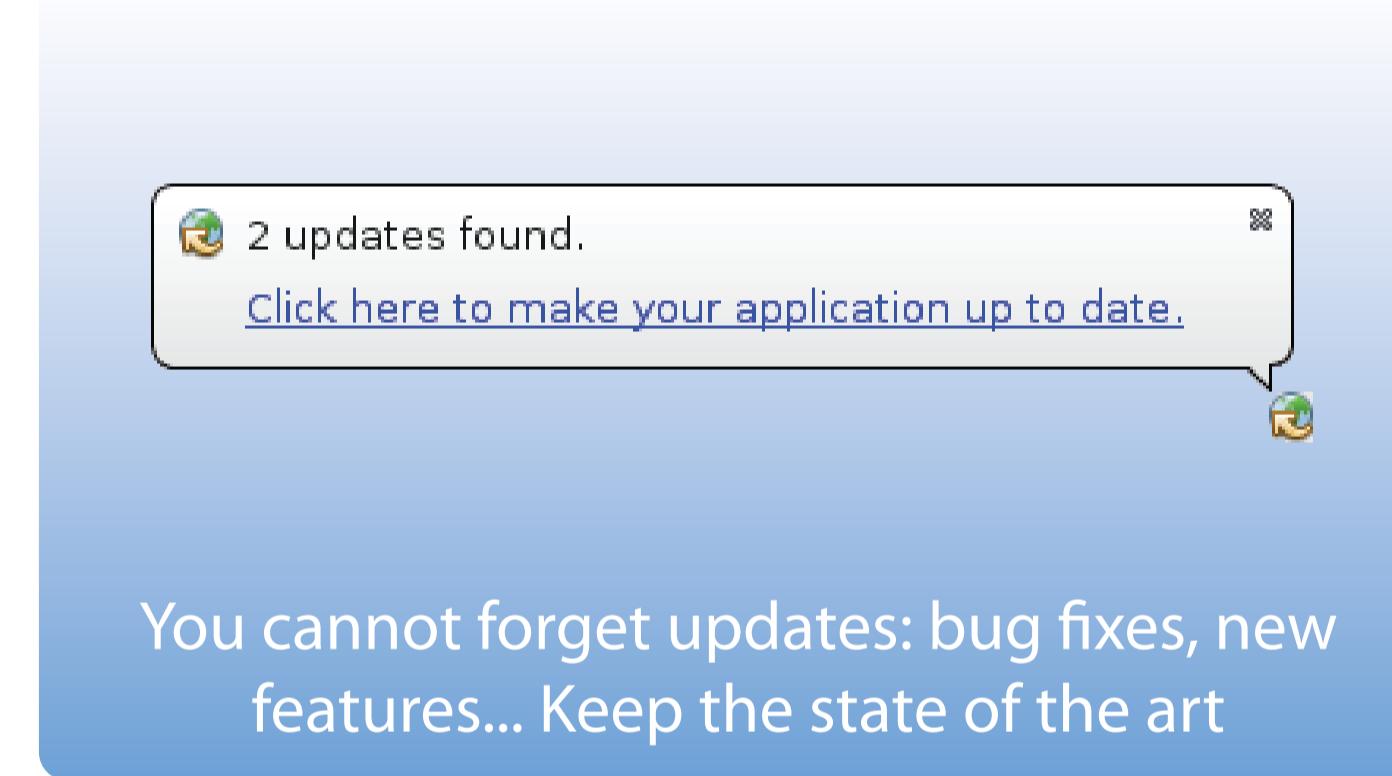
*Gephi aims at being **sustainable**, open to many kind of users, and creating a large, international and diverse **open-source community***

Features Highlight

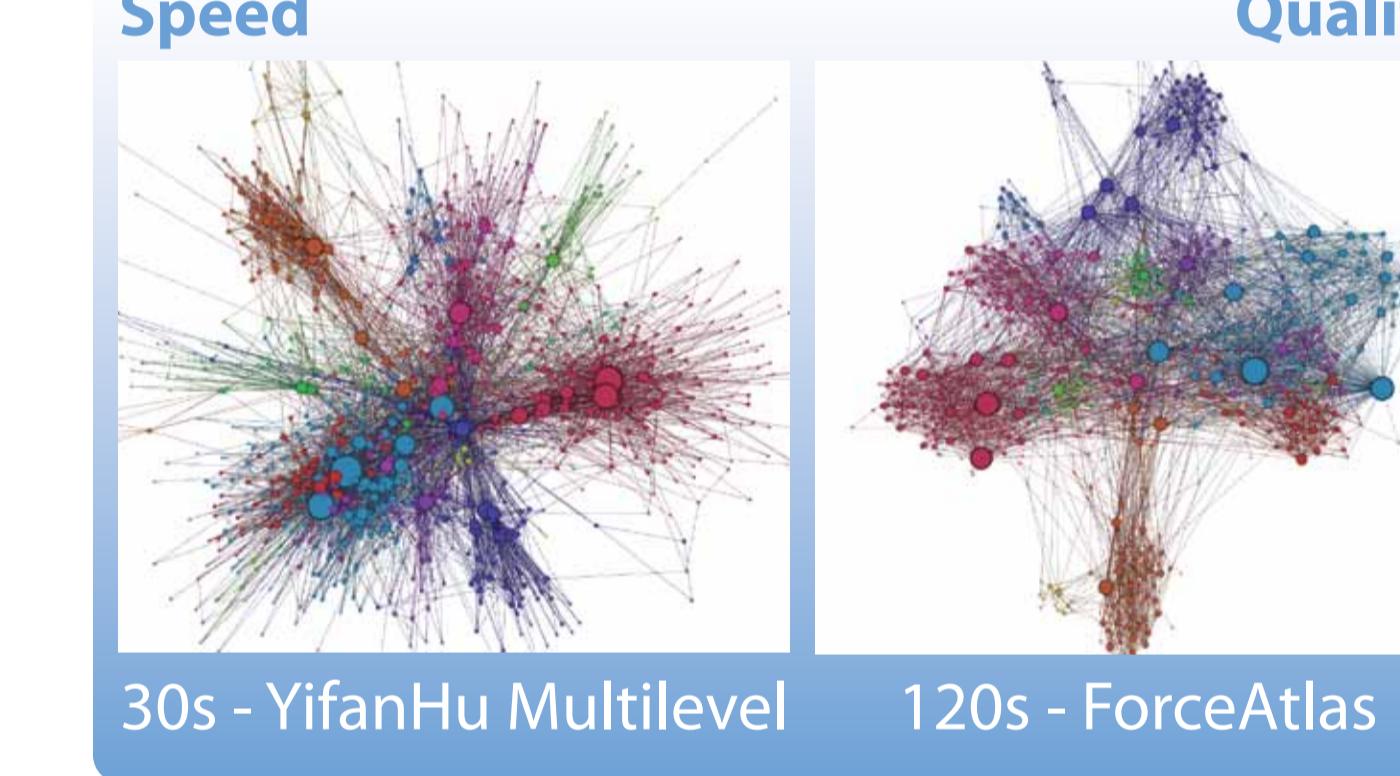
Install, Open, Save



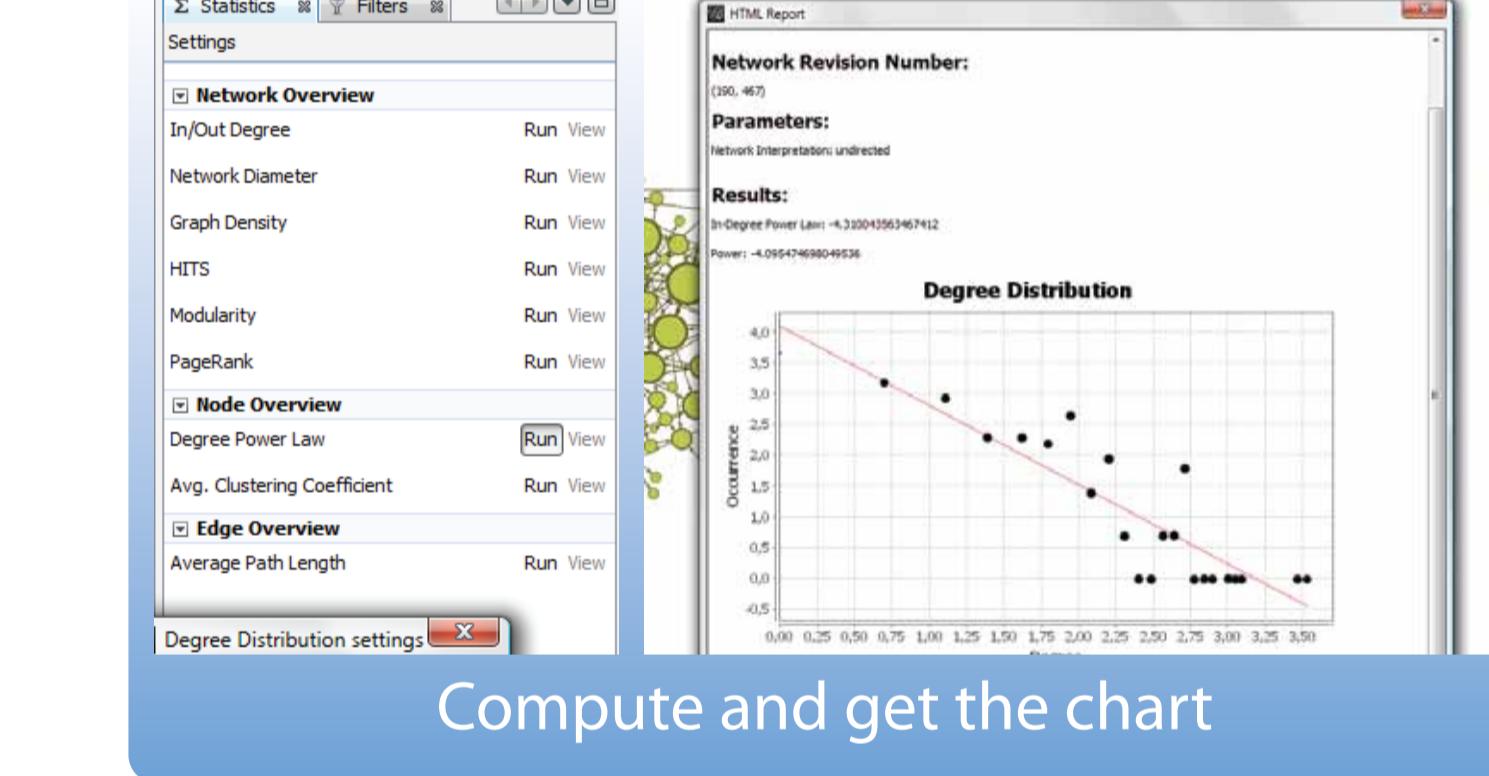
Automatic updates



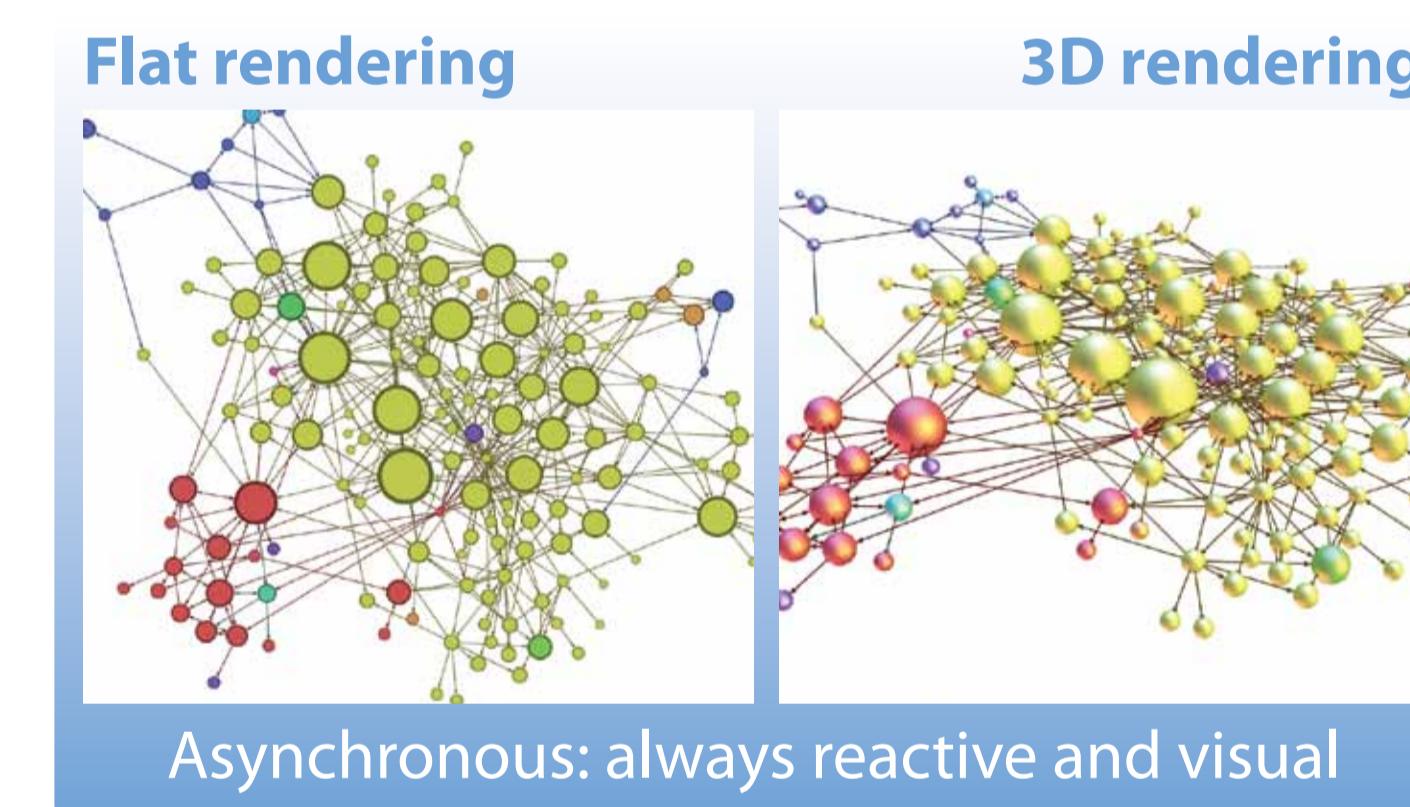
Choose the right layout



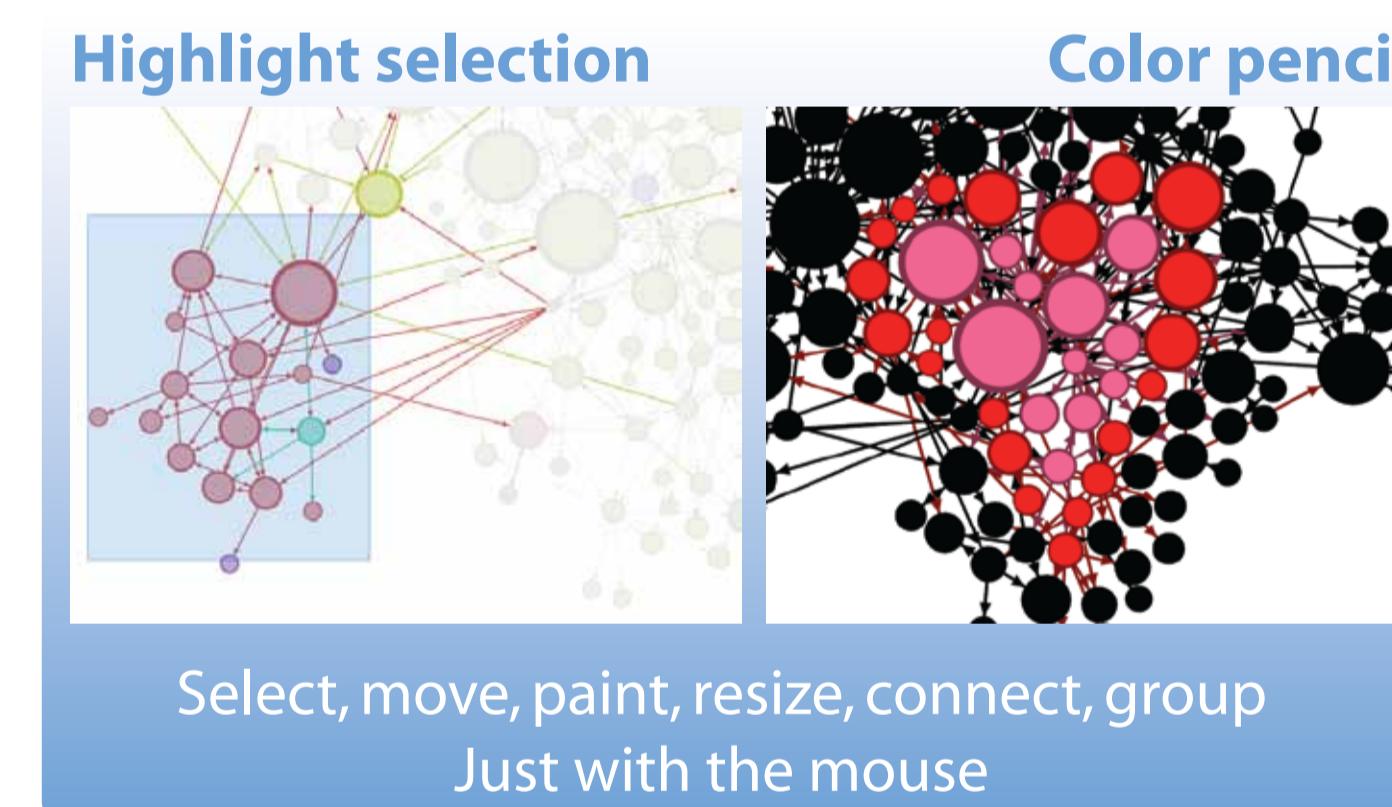
Stats & Metrics



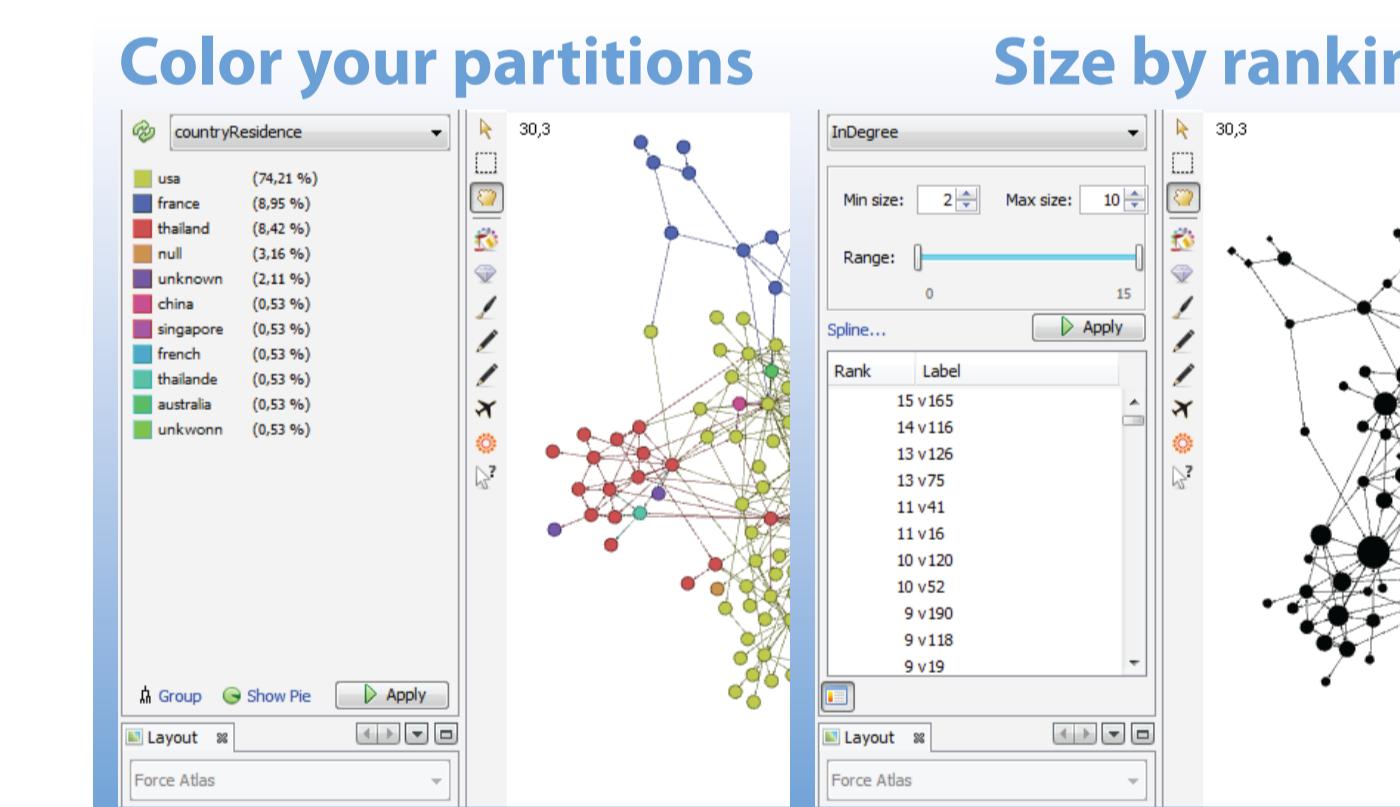
Mature OpenGL engine



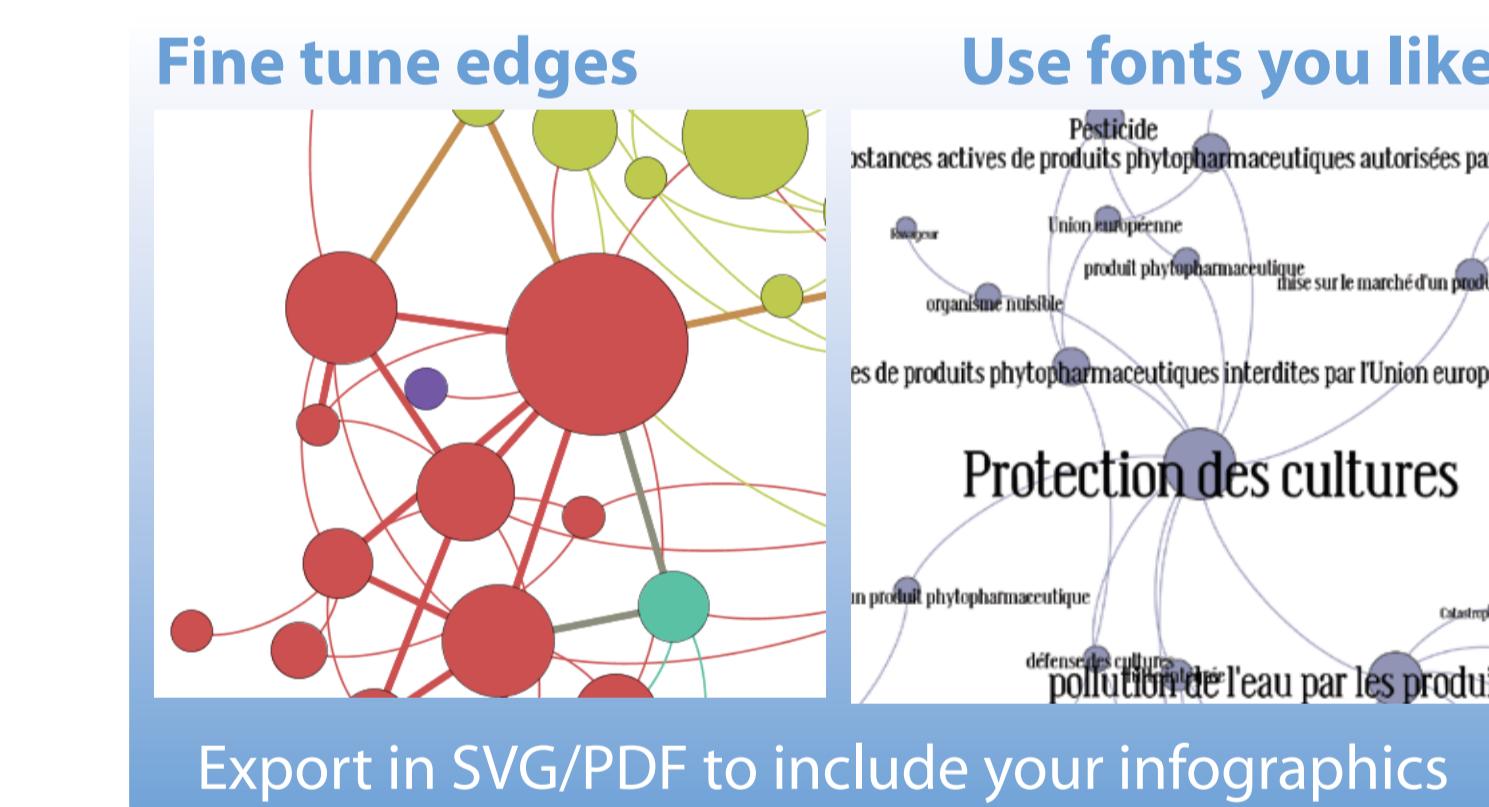
Interaction oriented



Easy sizes & colors



Vectorial export



Metrics

- * Betweenness, Eigenvector, Closeness
- * Eccentricity
- * Diameter, Average Shortest Path
- * Clustering Coefficient
- * Connected component
- * PageRank, HITS
- * Modularity (Louvain)

Import Data

- * UCINET DL, Pajek NET, CSV, GraphViz DOT, GML, GraphML, GDF, GEXF
- * SQL Databases
- * Neo4j (coming)
- * Excel (coming)

Architecture

The modular architecture allows developers adding and extending features with ease by developing plug-ins. Gephi can also be used as Java library in other applications and build for instance, a layout server.

