

Lect. 8 Installing Gephi

1. Download it from <https://gephi.org/>
2. Current version is 0.9.5 (May 3 2022)
3. Requires the Java Runtime Environment (JRE) 7 or 8
4. **Important:** By default, Gephi is configured to start with 512 MB of memory allocated to the JVM. This might not be enough for larger graphs. To increase the memory allocated to the JVM, change the `-Xmx` option in file *gephi.conf* e.g., set `-Xmx1024m`) then close and reopen Gephi for the new options to take effect.



The Open Graph Viz Platform

Gephi is the leading visualization and exploration software for all kinds of graphs and networks. Gephi is open-source and free.

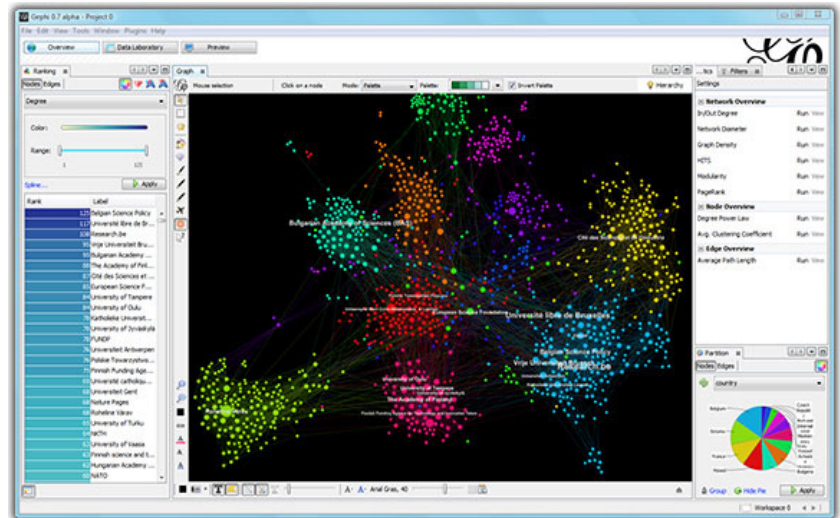
Runs on Windows, Mac OS X and Linux.

[Learn More on Gephi Platform »](#)

[Release Notes](#) | [System Requirements](#)

Features
Quick start

Screenshots
Videos



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APPLICATIONS

Exploratory Data Analysis: intuition-oriented analysis by networks manipulations in real time.

Link Analysis: revealing the underlying structures of associations between objects.

Social Network Analysis: easy creation of social data connectors to map community organizations and small-world networks.

Biological Network analysis: representing patterns of biological data.

Poster creation: scientific work promotion with hi-quality printable maps.

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METRICS READY

Centrality: used in sociology to indicate how well a node is connected. Available: degree (power-law), betweenness, closeness.

And more: density, path length, diameter, HITS, modularity, clustering coefficient.

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TECHNOLOGY

Ergonomic interface: no programming skills needed

High-performance: built-in rendering engine.

Native file formats: GDF (GUESS), GraphML (NodeXL), GML, NET (Pajek), GEXF and more.

Customizable by plugins: layouts, metrics, data sources, manipulation tools, rendering presets and more.

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Like Photoshop™ for graphs.

— the Community

LATEST NEWS

[Gephi 0.10.0 released](#)

[Gephi Lite](#)

[Gephi Week 2022: debriefing](#)

[Call for participants: Gephi code sustainability retreat 2022](#)

[Transition to semantic versioning](#)

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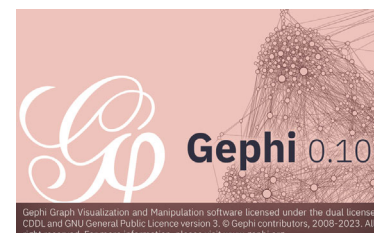
PAPERS



Bastian M., Heymann S., Jacomy M. (2009). *Gephi: an open source software for exploring and manipulating networks*. International AAAI Conference on Weblogs and Social Media. From AAAI [PDF].

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GEPHI 0.10.1 IS HERE!



The latest Gephi version just got released, let us know what you think on [Twitter](#) or [Facebook](#).

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Tweets from @Gephi



Nothing to see here - yet

When they Tweet, their Tweets will show up here.

[View on Twitter](#)

