

History of Gephi

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[gephi logo 2010 transparent]

1. The birth of Gephi

The origin of Gephi lays in [Web Atlas](#), a project started in 2006 involving [Mathieu Jacomy](#), who was interested in the exploration of web-based graphs.

This was about the same time [Eytan Adar](#) was developing his [GUESS software](#)

[matthieu jacomy] | *matthieu-jacomy.jpg*

Figure 1. Mathieu Jacomy

In 2007/2008, this project morphed into Gephi, developed by a team of students at Université Technologique de Compiègne ([UTC](#)).

[Mathieu Bastian](#) became the software architect.

[initial team] | *initial-team.png*

Figure 2. The initial Gephi team

2. The evolution of Gephi

Gephi has evolved in several major milestones:

a. version 0.6 (2009)

- the initial public release. Contains already the filter system.

b. version 0.7 (2010)

- Major overhaul of the graphics interface.
- Started using OpenGL framework for graphics acceleration.
- A system of plugin is created.

c. version 0.8 (2011)

- Introduced dynamic graphs.
- Many plugins were created for Gephi, and the software started becoming much popular.
- Mac computer users had issues installing Gephi on their computers because of a Java compatibility issue.

d. version 0.9 (December 2015):

- A graph engine optimized for memory is introduced: Gephi can handle much larger graphs.
- The codebase for the project is "mavenized", making the code more modular and easier to maintain.
- Compatibility issues with Mac OS are solved.

In 2016, Gephi is translated in French, Spanish, Japanese, Russian, Polish, Brazilian Portuguese, Chinese, Czech and German.

[Eduardo Ramos Ibáñez](#) is the maintainer of the code.

3. A series of metrics on Gephi's popularity over time

a. Cumulative downloads

[Gephi] | *Gephi.png*

Figure 3. Gephi, cumulative downloads

b. General interest for Gephi and related software in the past 5 years

```
<script type="text/javascript"
src="https://ssl.gstatic.com/trends_nrtr/1308_RC02/embed_loader.js"></script>
<script type="text/javascript">
  trends.embed.renderExploreWidget("TIMESERIES",
{"comparisonItem":[{"keyword":"gephi","geo":"","time":"today 5-
y"}, {"keyword":"vosviewer","geo":"","time":"today 5-
y"}, {"keyword":"nodexl","geo":"","time":"today 5-
y"}, {"keyword":"cytoscape","geo":"","time":"today 5-
y"}, {"keyword":"ucinet","geo":"","time":"today 5-y"}], "category":0, "property":""},
{"exploreQuery":"date=today%205-
y&q=gephi,vosviewer,nodexl,cytoscape,ucinet","guestPath":"https://trends.google.com:44
3/trends/embed/"}));
</script>
```

[google trends gephi] | *google-trends-gephi.png*

Figure 4.

c. Academic citations for Gephi (counting only citations to [Bastian et al., 2009](#))

[google scholar gephi] | *google-scholar-gephi.png*

Figure 5.

the end

Visit [the Gephi group on Facebook](#) to get help,

or visit [the website for more tutorials](#)