

History of Gephi

Clément Levallois

2017-01-11

Table of Contents

| | |
|---|---|
| 1. The birth of Gephi | 1 |
| 2. The evolution of Gephi | 2 |
| a. version 0.6 (2009) | 2 |
| b. version 0.7 (2010) | 2 |
| c. version 0.8 (2011) | 2 |
| d. version 0.9 (December 2015): | 2 |
| 3. A series of metrics on Gephi's popularity over time | 3 |
| a. Cumulative downloads | 3 |
| b. General interest for Gephi and related software over 2004 - 2016 | 3 |
| c. Academic citations for Gephi (counting only citations to Bastian et al., 2009) | 4 |
| the end. | 5 |

Gephi

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](#)

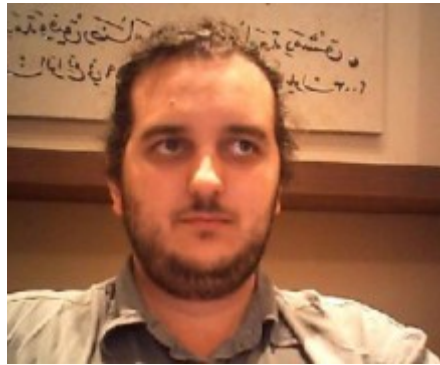


Figure 1. Mathieu Jacomy

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.

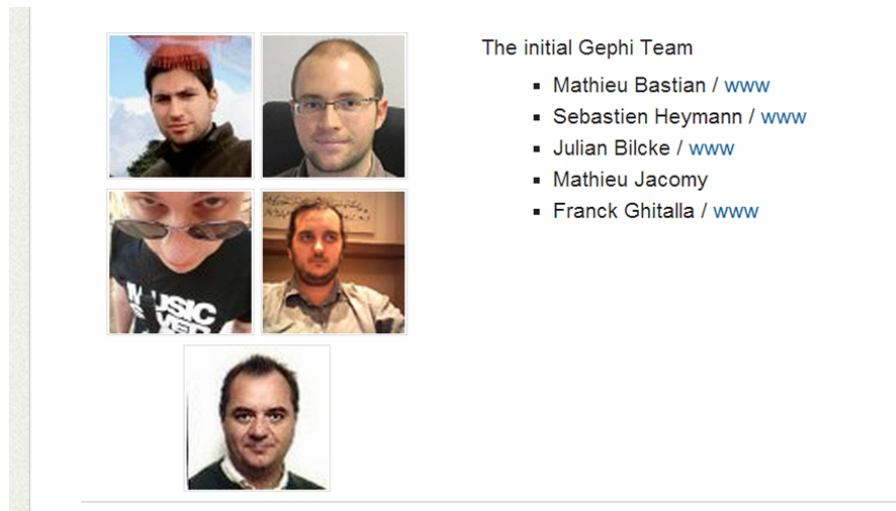


Figure 2. The initial Gephi team

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

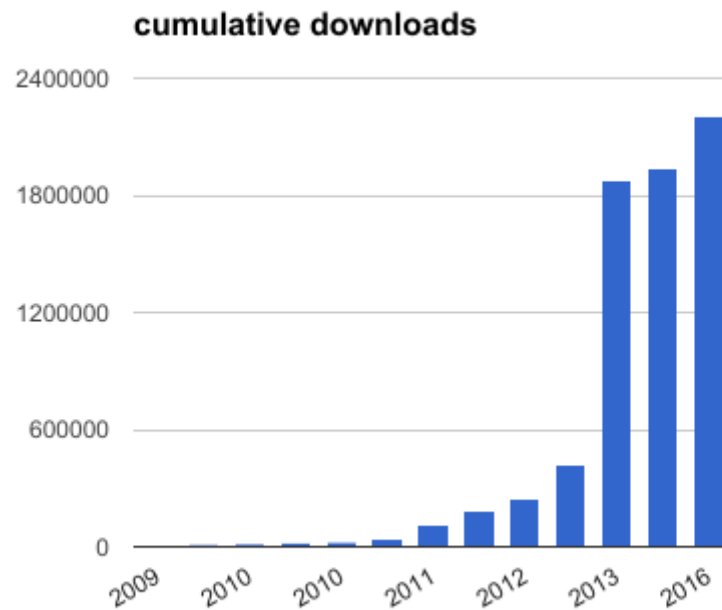


Figure 3. Gephi, cumulative downloads

b. General interest for Gephi and related software over 2004 - 2016

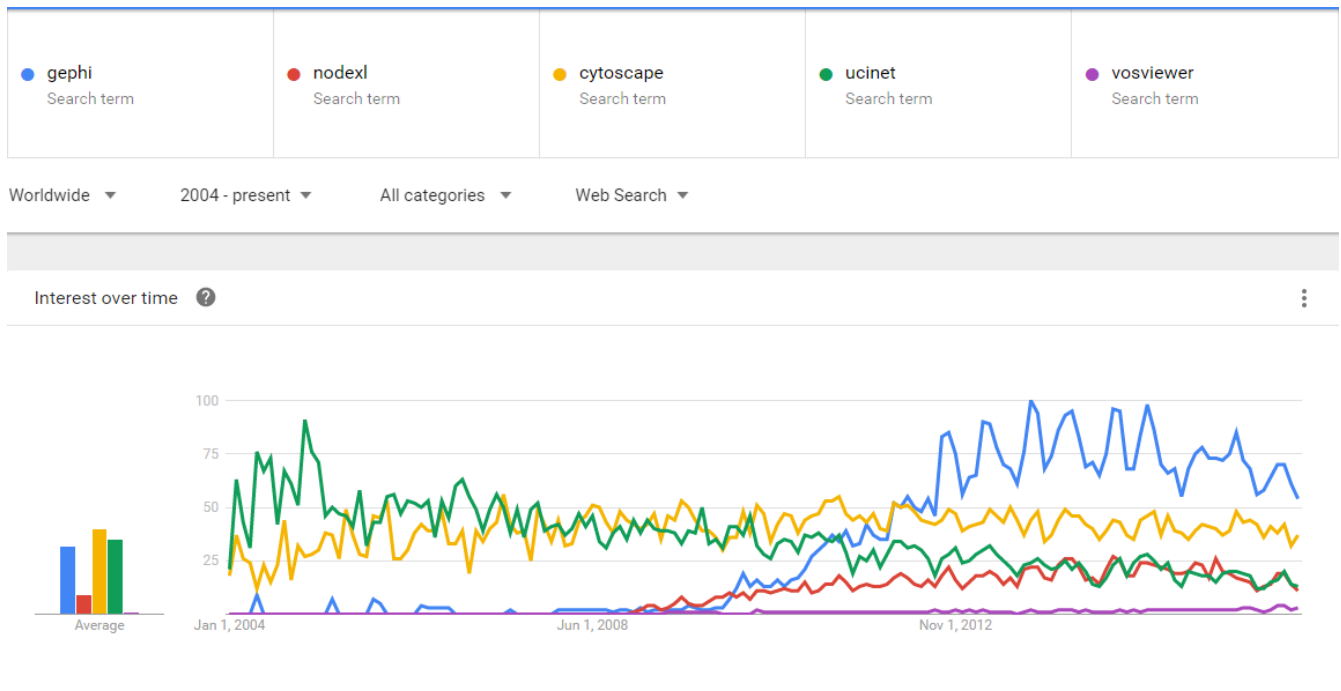


Figure 4.

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

Gephi: an open source software for exploring and manipulating networks.

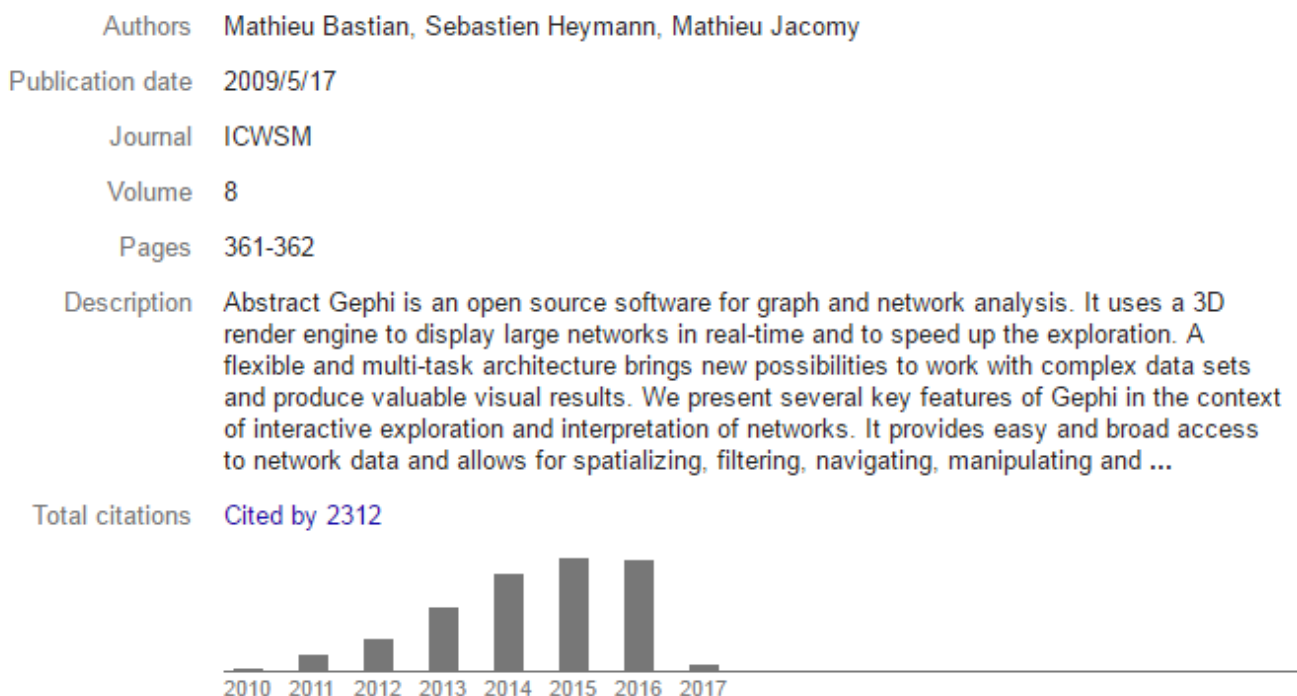


Figure 5.

the end

Visit [the Gephi group on Facebook](#) to get help,
or visit [the website for more tutorials](#)