History of Gephi

Clément Levallois

2017-01-11

Table of Contents

2006 and Web Atlas

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).

Figure 2. The initial Gephi team

A series of metrics on Gephi's popularity over time

Gephi has evolved in several major milestones:

- version 0.6 (2009): the initial public release. Contains already the filter system.

- version 0.7 (2010): Major overhaul of the graphics interface. Started using OpenGL framework for graphics acceleration. A system of plugin is created.

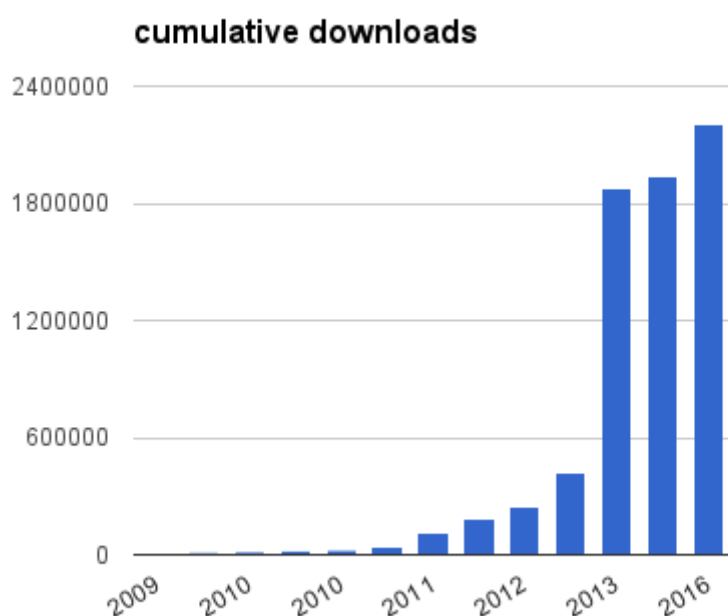- version 0.8 (2011): Introduced dynamic graphs.

2011 to 2016: Many plugins were created for Gephi, and the software sarted becoming much popular.

Mac computer users had issues installing Gephi on their computers because of a Java compatibility issue.

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.
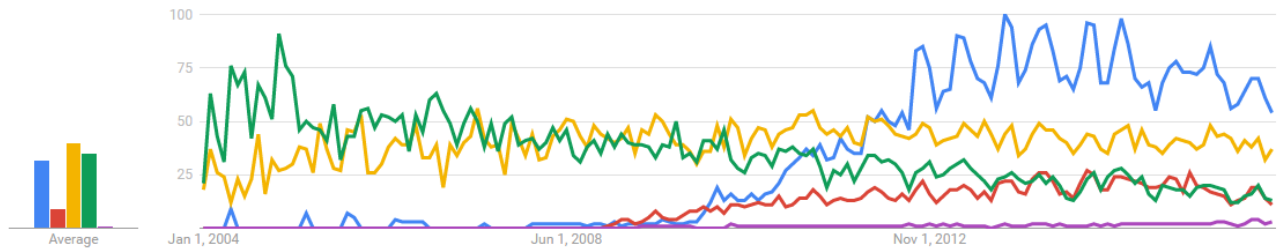

Figure 3. Gephi, cumulative downloads

gephi	nodexl	cytoscape	ucinet	vosviewer
● Search term	● Search term	● Search term	● Search term	● Search term

Worldwide ▾   2004 - present ▾   All categories ▾   Web Search ▾

Interest over time ❓   ⋮

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

Authors	Mathieu Bastian, Sebastien Heymann, Mathieu Jacomy
Publication date	2009/5/17
Journal	ICWSM
Volume	8
Pages	361-362
Description	Abstract Gephi is an open source software for graph and network analysis. It uses a 3D render engine to display large networks in real-time and to speed up the exploration. A flexible and multi-task architecture brings new possibilities to work with complex data sets and produce valuable visual results. We present several key features of Gephi in the context of interactive exploration and interpretation of networks. It provides easy and broad access to network data and allows for spatializing, filtering, navigating, manipulating and ...
Total citations	Cited by 2312

2010   2011   2012   2013   2014   2015   2016   2017