

diaspora*

and the state of the decentralized social world



Antoine Duparay / Fla – FOSDEM 2017



~\$ whoami

>Antoine Duparay (Fla)

- Web Dev @ LaRoueVerte.com
- Passionate about online privacy, Mozilla contributor
- Convinced that the web must stay decentralized,
Framasoft contributor to degooglelisons.org
- Font-end dev on **diaspora***, podmin of diaspora-fr.org
and framaspHERE.org



Why diaspora*?

- Because sharing with the whole world is awesome
- Because corporations shouldn't make money with our personal data (targeted ads, data-mining...)
- Because we shouldn't have to obey their rules (Real names, nothing controversial, censorship...)
- Because we want to control the service (Where it is hosted, which code it runs, who can access the data...)



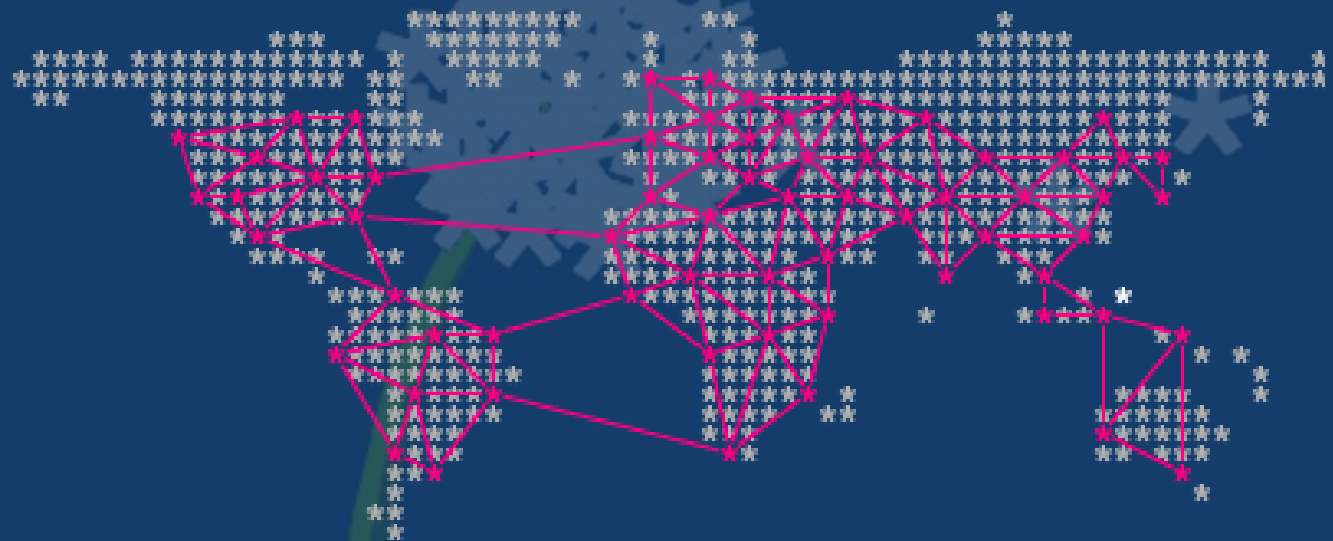
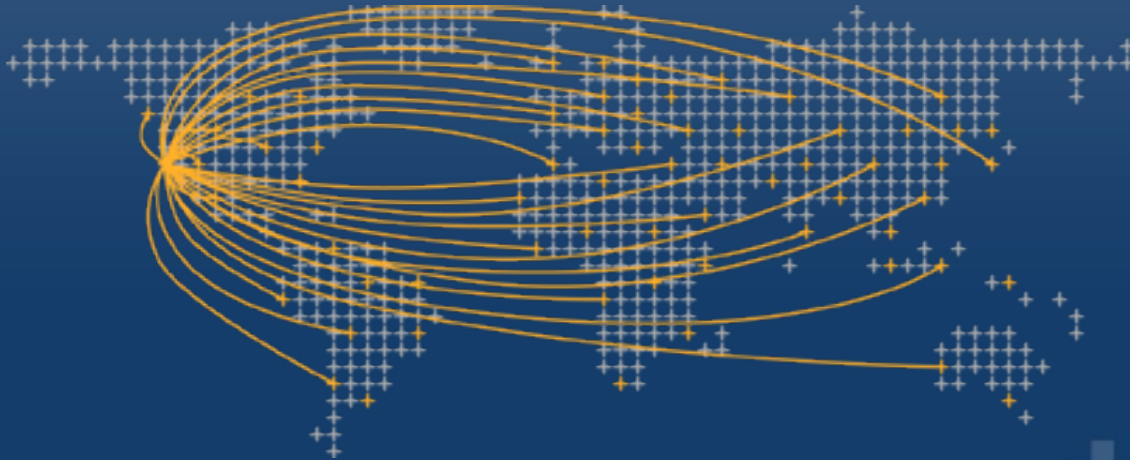
What is diaspora*?

A decentralized...

- Free, open-source software to install on any server
- A network built by the installations interacting
- The nodes (pods) talk with each others, like e-mail
- Local control of the data by the admin



What is diaspora*?



diaspora*

What is diaspora*?

... social ...

- Share content with selected contacts / the world
- Post messages, images, polls
- With #hashtags, @mentions, titles, lists, tables, rich contents... styling with markdown
- And react to posts by commenting, <3ing, resharing



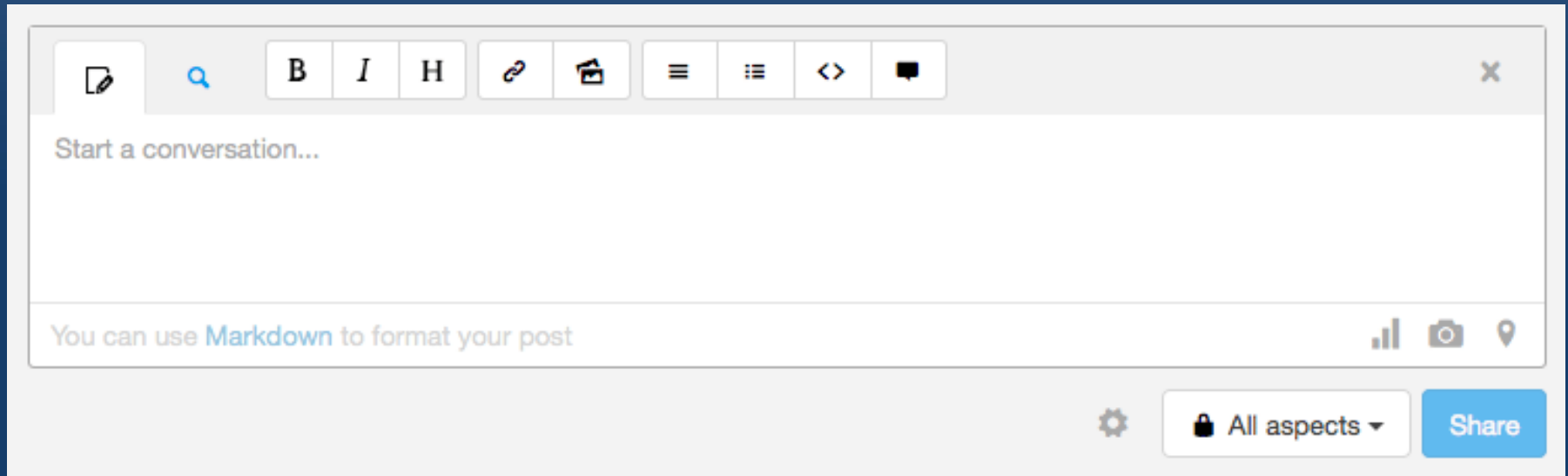
What is diaspora*?

....and private online network

- Privacy by default (opt-in vs opt-out)
- No real name nor valid e-mail address needed + can be Tor friendly
- Control the visibility of the shared data
- Stripped EXIF (again, by default!)
- Proxified external content with Camo



Be inspired



The founders years

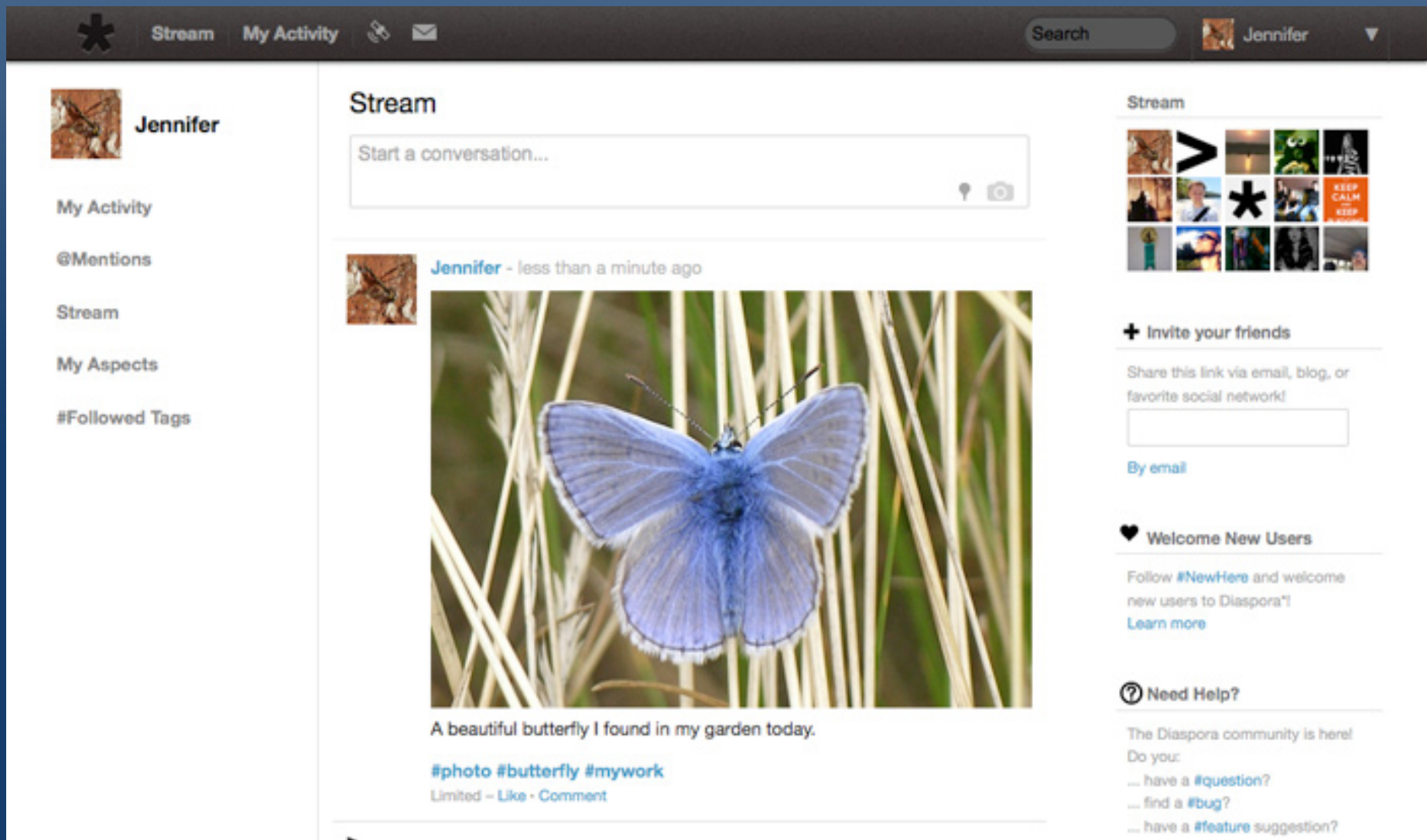
- February 2010: Eben Moglen talk
- Summer 2010: KickStarter Campaign
- October 2010: First Alpha
- September 2011: First Beta
- November 2011: Ilya's death
- August 2012: diaspora* becomes a community run project



The community years

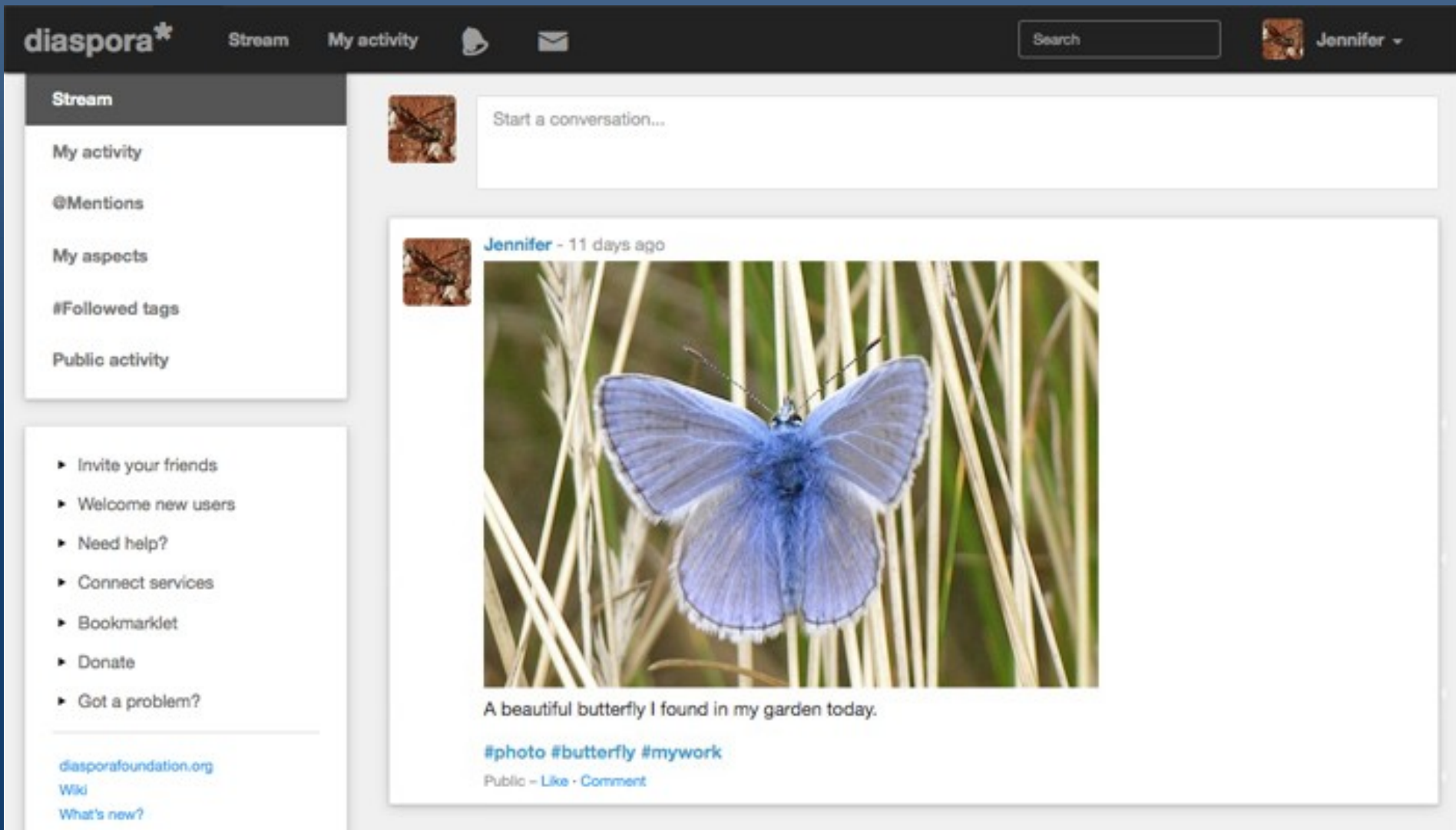
- August 2012: diaspora* becomes a community run project
 - Assets managed by FSSN
 - Loomio used to make decision
 - Move to a semver release system, with a minor every 6 weeks and a major when ready
- May 2013: First major version 0.1.0.0
- August 2014: ISIS on diaspora*
- September 2016: Sixth major version, redesign and new federation in a gem





0.5.0.0 old design





0.6.0.0 new design



A reimplemented protocol

- Gem: https://github.com/diaspora/diaspora_federation
- Spec: https://diaspora.github.io/diaspora_federation/
- Hub: <https://the-federation.info>
- Also implemented by several other projects



What to expect

- XMPP Chat, migration between pods, events, API...
- We are full of ideas but are only going as fast as volunteers can
- Join us! To write code (Rails, JS...), but also...
- Host a pod, **spread the word**, provide feedback, translate, welcome #newHere, report bugs...



Thank you!

- <https://diasporafoundation.org>
- <https://github.com/diaspora/diaspora>
- <https://the-federation.info>
- flaburgan@geexxx.fr
- d*: fla@diaspora-fr.org
- tw: [@flaburgan](https://twitter.com/flaburgan)

