An introduction to Solid

By Noel De Martin

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Hello, my name is Noel

- Developer & entrepreneur.
- Currently working at Moodle.
- Solid apps developer.

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🌐 https://noeldemartin.com
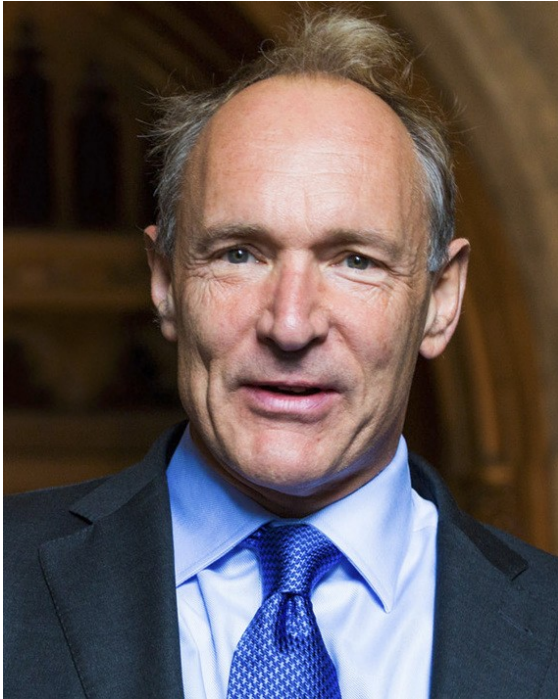
🐦 @NoelDeMartin

What is Solid?

What is The Internet?

?

What is The Internet?

- The Internet is not **G**oogle.
- The Internet is not **A**pple.
- The Internet is not **F**acebook.
- The internet is not **A**mazon.
- The internet is not **M**icrosoft.

Enter the World Wide Web (1989)

Tim Berners-Lee

- Invented in 1989 by Tim Berner's Lee.

- Conceived as **decentralized**.

- Technologies:
  - Browsers
  - HTTP
  - HTML
  - ...

Enter the W3C (1994)

The World Wide Web Consortium (Led by Tim Berners-Lee)

Enter The Semantic Web (2001)

- An extension of the original Web.

- Conceived as Linked Data.

- Technologies:
  - RDF
  - JSON-LD
  - ...

Fast forward to today (2020)

Internet Traffic in 2011
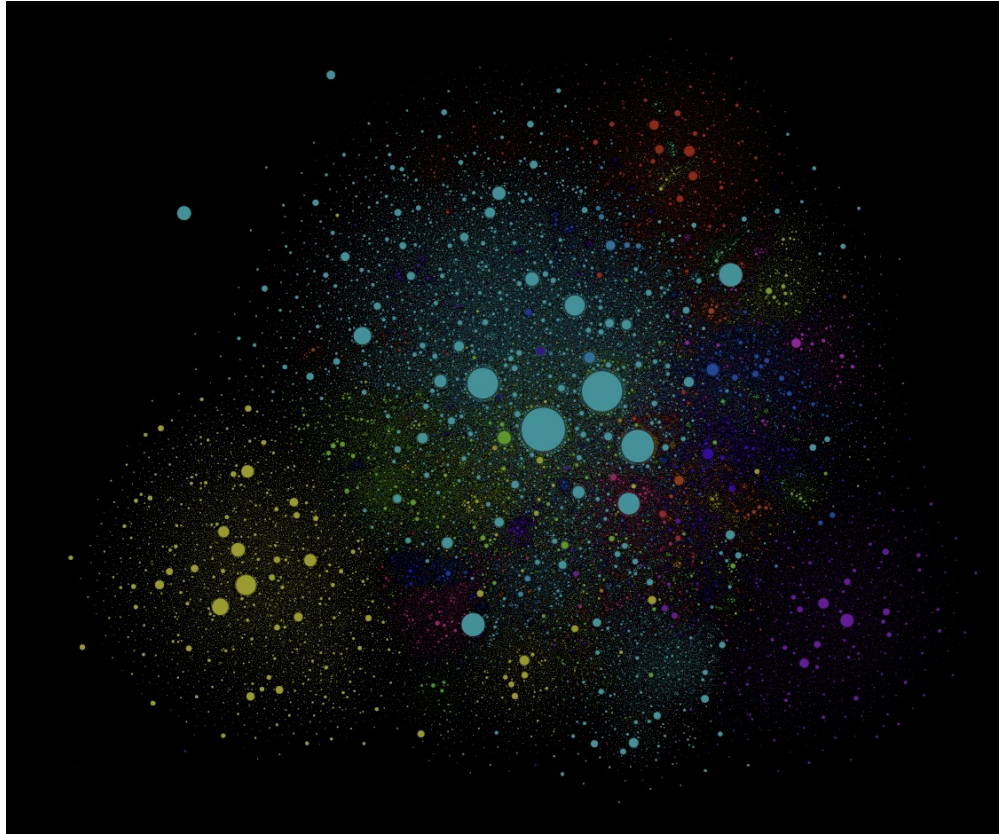
Guess which are the biggest circles.
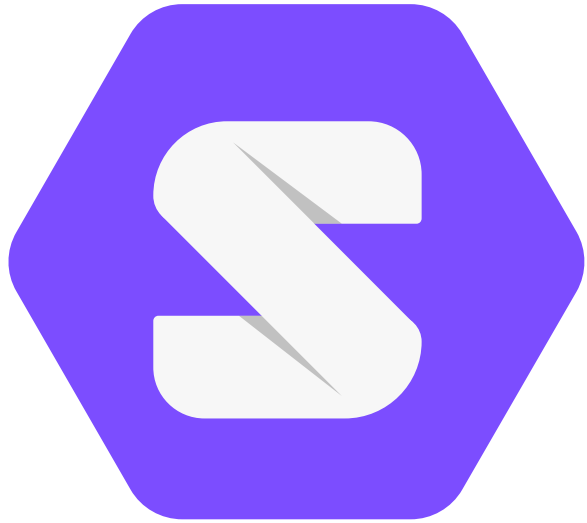
The last survivors

Email

RSS Feeds

Solid: **So**cial **Li**nked **D**ata

2014: Start of Solid at MIT
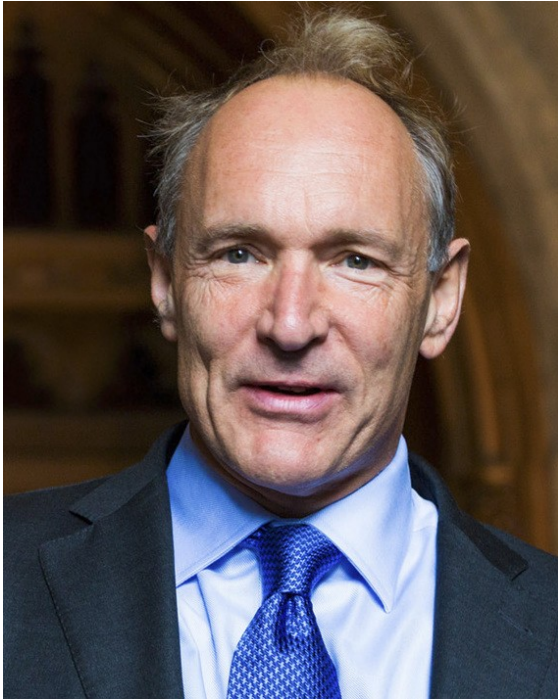
Solid + Inrupt

+

Founded in 2018 by
Tim Berners-Lee and John Bruce

Recap of the Tim Berners-Lee journey

Tim Berners-Lee

- 1989: Birth of The Web.

- 1994: Birth of the W3C.

- 2001: Birth of The Semantic Web.

- 2014: Birth of Solid.

- 2018: Birth of Inrupt.

What is Solid?

What is Solid?

MOVE FREELY BETWEEN SERVICES

Switch to the best tools and take your data with you.

REUSE DATA ACROSS APPS

Stop re-entering the same data again and again by recycling data from app to app.

CONNECT WITH ANYONE

Connect to your friends no matter what app they are using.

SELECT WHAT YOU SHARE PRECISELY

Give access to the bare minimum of data needed for the service to work.

Login with your data POD

- You store your personal files & data.

- Choose what to share and with whom.

- Data is decoupled from applications.

A universal definition of Data

It's all about RDF Vocabularies

https://schema.org

https://lov.linkeddata.es

A decentralized web
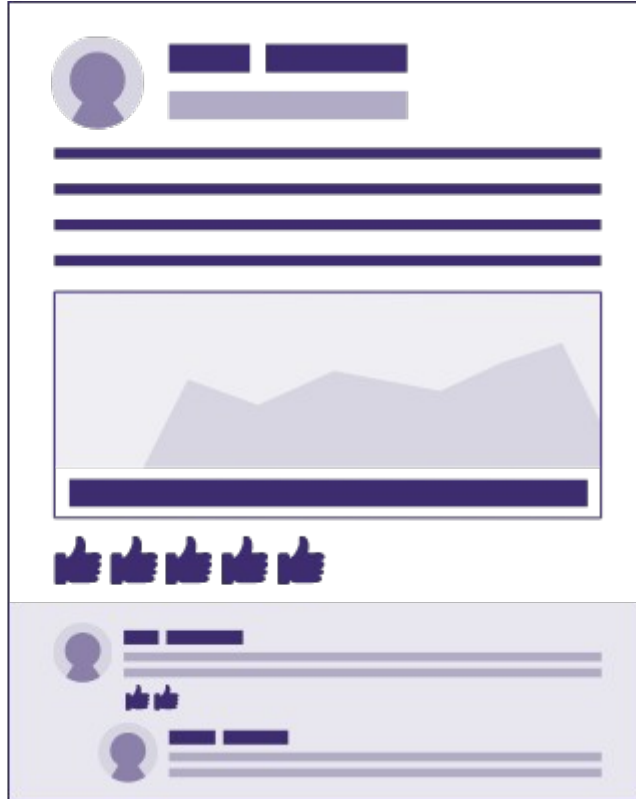
A decentralized web

Author's name and latest profile picture
stored in author's personal data pod

Work-related opinion about an article
stored in data pod of author's company
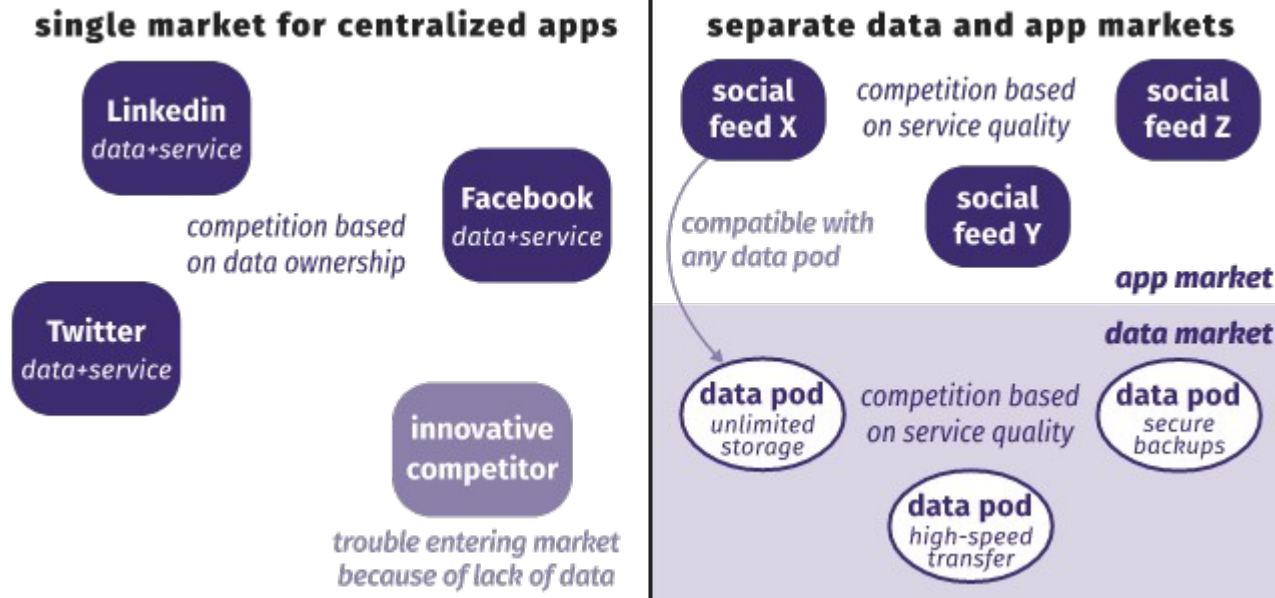
Discussed article title and photo
stored in news website's data pod

Likes on this post
each one in different individuals' data pods

Comments on this post
each one in different individuals' data pods

A decentralized web

How can you use Solid today?

POD Providers

https://solid.inrupt.com/get-a-solid-pod

Solid Community
A free provider for the Solid community, by the Solid community.

Inrupt
A free provider by the commercial entity established by the Solid founding team.

… or host your own

Solid Apps

https://solidproject.org/use-solid/apps

Solid Focus (Task Manager)

Chess Game, Note Taking, Blog Publishing, Links Manager, etc.

Any questions?

?

Learn more:
- https://noeldemartin.com/now
- https://solidproject.org/