

Intro to Solid

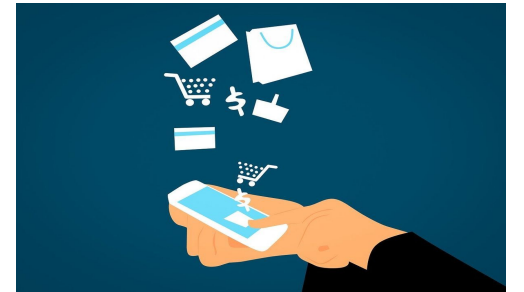
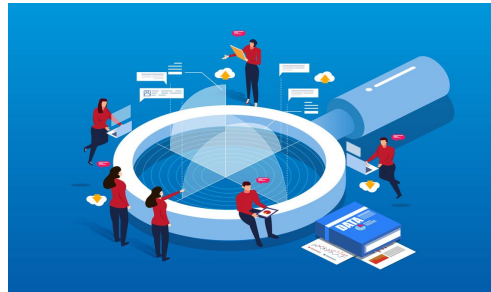
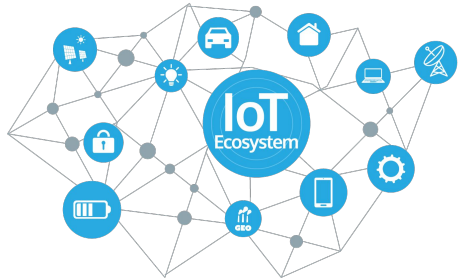


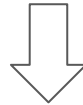
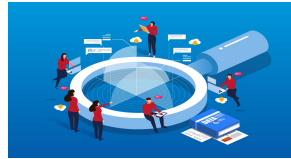
How we use data



Open Source

- Lower TCO
- Community driven
- Higher quality software
- Transparency
- No vendor lock-in







Create your Google Account

to continue to Gmail

First name

Last name

Username @gmail.com



Next

Create your account

Name

0/50

Phone

[Use email instead](#)

Date of birth

This will not be shown publicly. Confirm your own age, even if this account is for a business, a pet, or something else.

Month

Day

Year



Create account

Your r

Email

ASSW

At lea

Pass

e-en

OR

crea

nditi

read

Sign up to see photos
from your friends

Log in with Facebook

OR

Mobile Number or Email

Full Name

Username

Password

Sign up

Sign

It's quick

We'll email you an **EXTRA 25% OFF** your next purchase!*

First Name

Last Name

Email Address

Password

Tip: Use uppercase, lowercase and numbers for a stronger password.

[Show](#)

Birthday

Month Day

Macy's Star Rewards

[Sign Up](#)

[Already a member?](#)

Join Star Rewards!

[Terms & Conditions](#)

My Preferences

Send me emails about sales, events, new arrivals and more!

Get text alerts on sales, orders and important account information.

Create Account



*Your appointment was cancelled.
You took too long filling out your forms.*

- Proof of address
- Account statements
- Proof of assets
- Drivers license information
- Date of birth
- Credit score
- Proof of insurance

About You

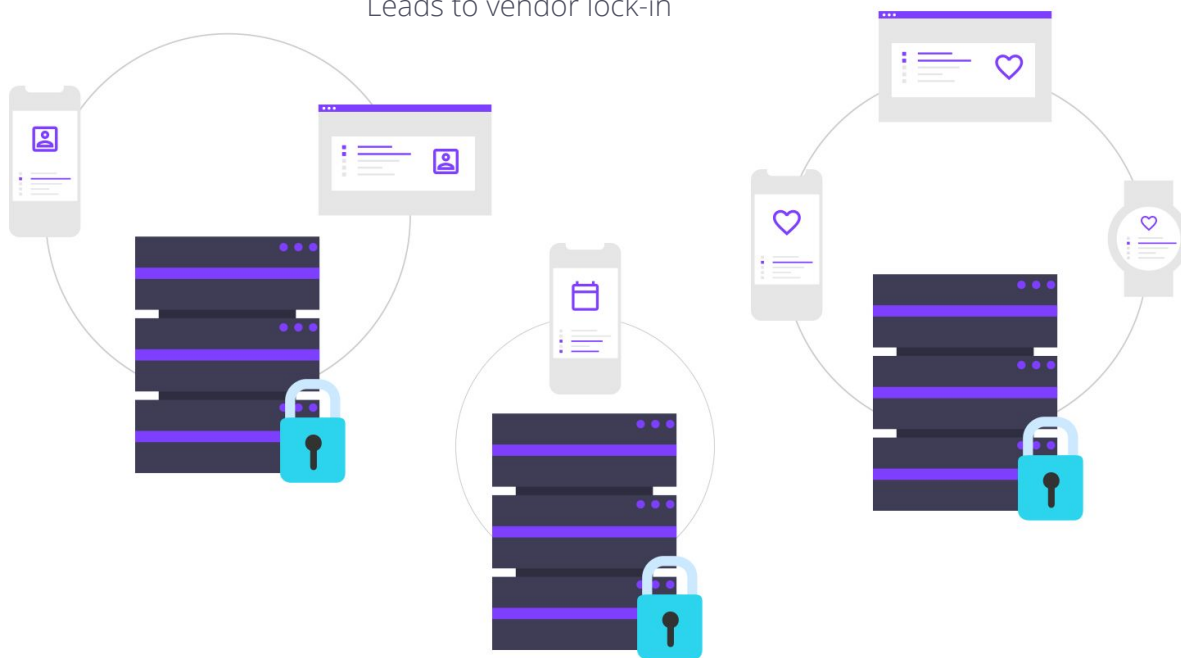
date of birth, and other information that will allow us to identify you. We may also ask for your driver's license or other identifying information. [Why do we ask for this?](#)

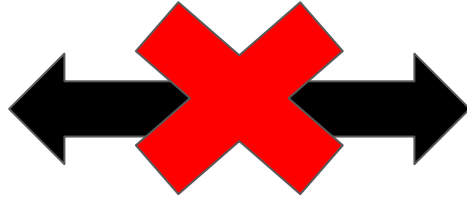
First name ?	Middle initial (optional)
Last name	Suffix (optional) ▼
Home/permanent address ?	
Address line 2 (optional)	
City	State ▼
ZIP code	
Email address	Phone number
	Mobile number preferred
Social Security number/ITIN ?	Date of birth
Mother's maiden name ?	

Today's centralized apps

Service + Data Store = Silos

Leads to vendor lock-in





Why?

1. Data management is not consistent

- a. GDPR
- b. CCPA

2. Lack of a data standard

- a. Proprietary schemas
- b. Non-interoperable protocols
- c. Expensive API integrations

Lack of a data standard

No standard Schema

- Full name
- Fname, Lname
- Firstname, Last Name

Not interoperable protocols

- RPC
- REST





**Is anyone
doing
anything
about this?**

Is anyone doing anything about this?

Welcome back!

Email address

Email Address

Password

Password



Remember me

Sign in



Sign in with SSO

or you can sign in using

 Github

 Google

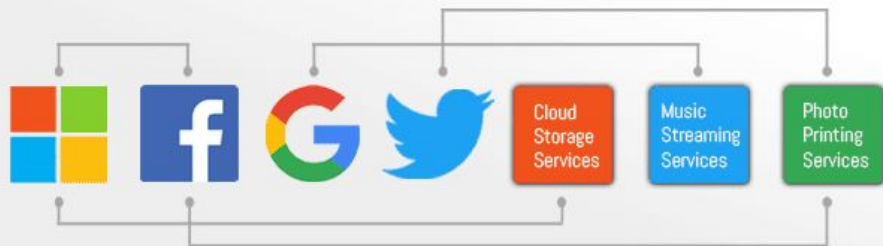
 Twitter

 Facebook

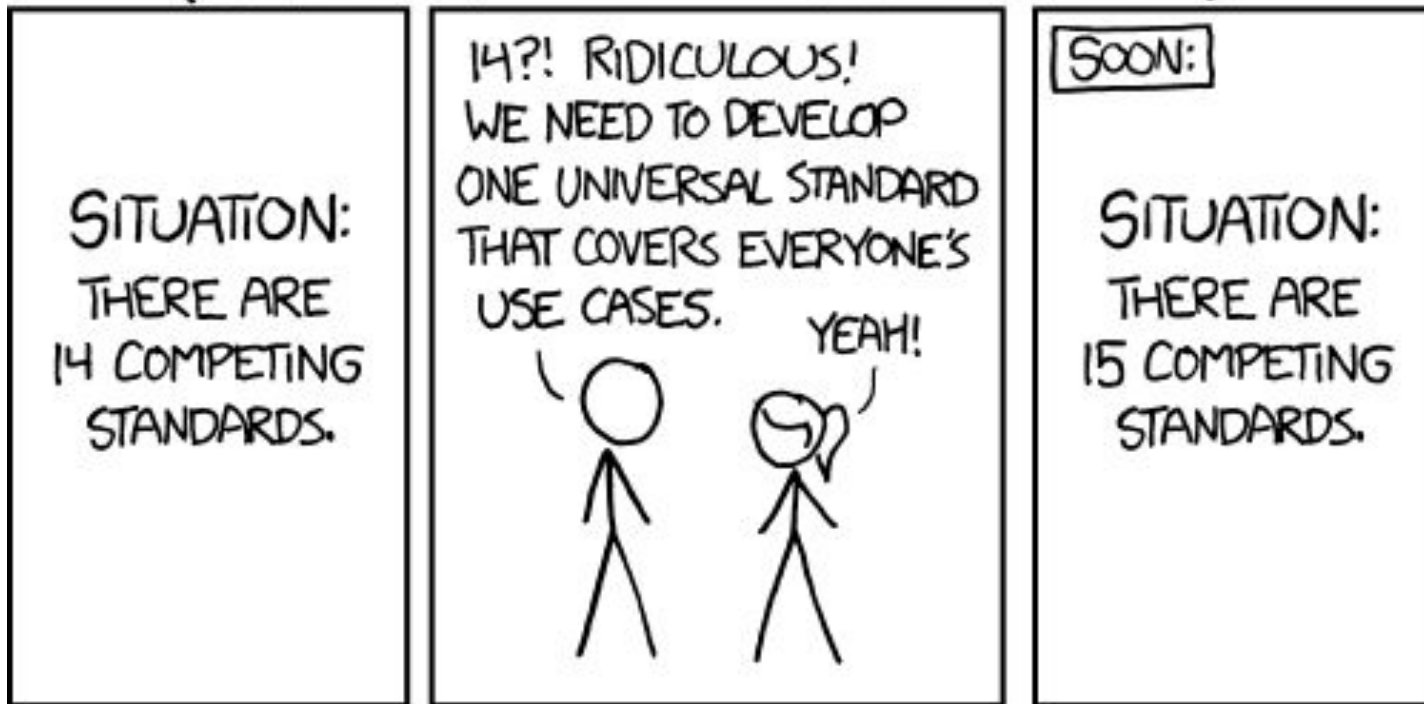


Data Transfer Project

powered by Google

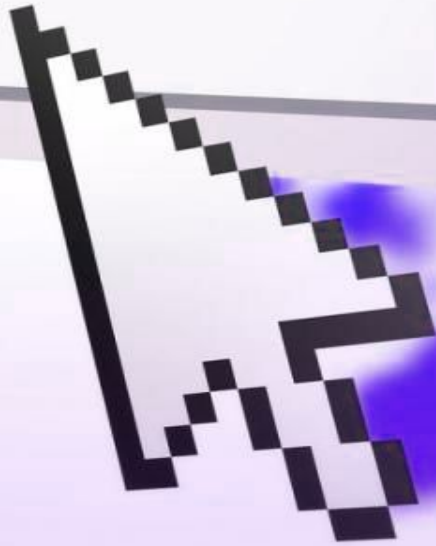


HOW STANDARDS PROLIFERATE: (SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)





https://www



"The web as I envisaged it,
we have not seen it yet."

Sir Tim Berners Lee

What is Solid?

Solid is a technology based on web standards for structuring data, applications, and identities on the web.



Applications



Data Pods



Identities

Solid Principles

Consolidate to unique web identities

Provide universal way to identify people, organisations and things on the web

Build with open standards

Build upon the same open standards that made the World Wide Web so successful

Decouple applications from data

Give data owners better access control by decoupling apps



How does it all work?

The Pod

Your Pod is your personal storage space

- Rich data
- User controlled
- Easy sharing across apps

Your place on the web

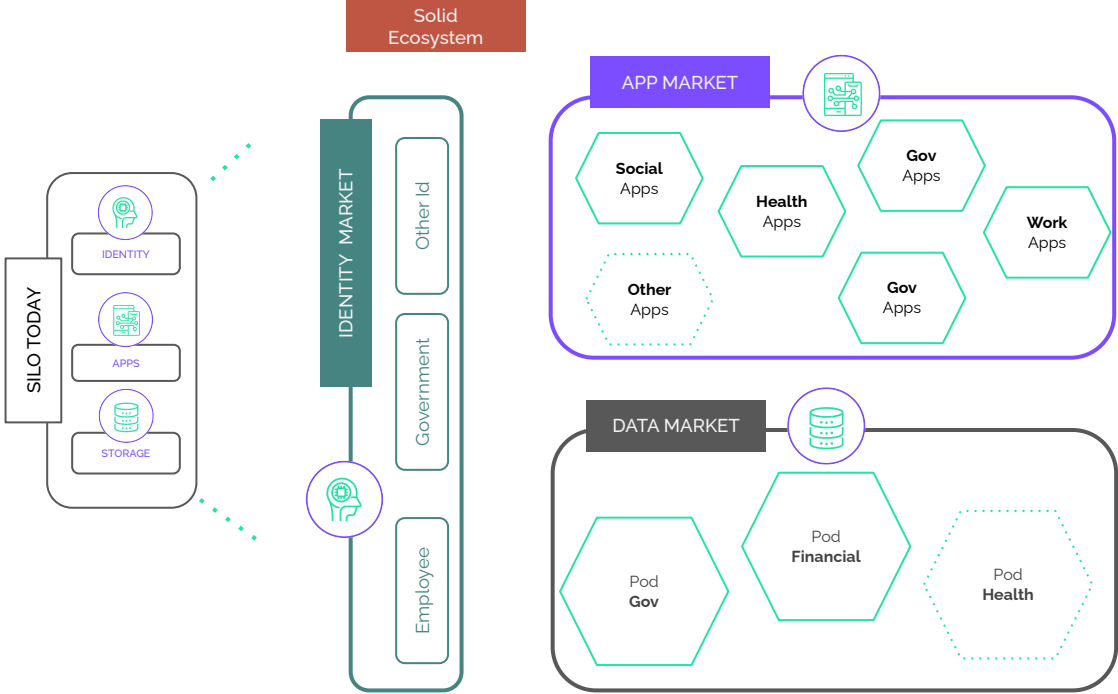
- Unique identifier called a WebID
- Pluggable Identity Providers

User friendly

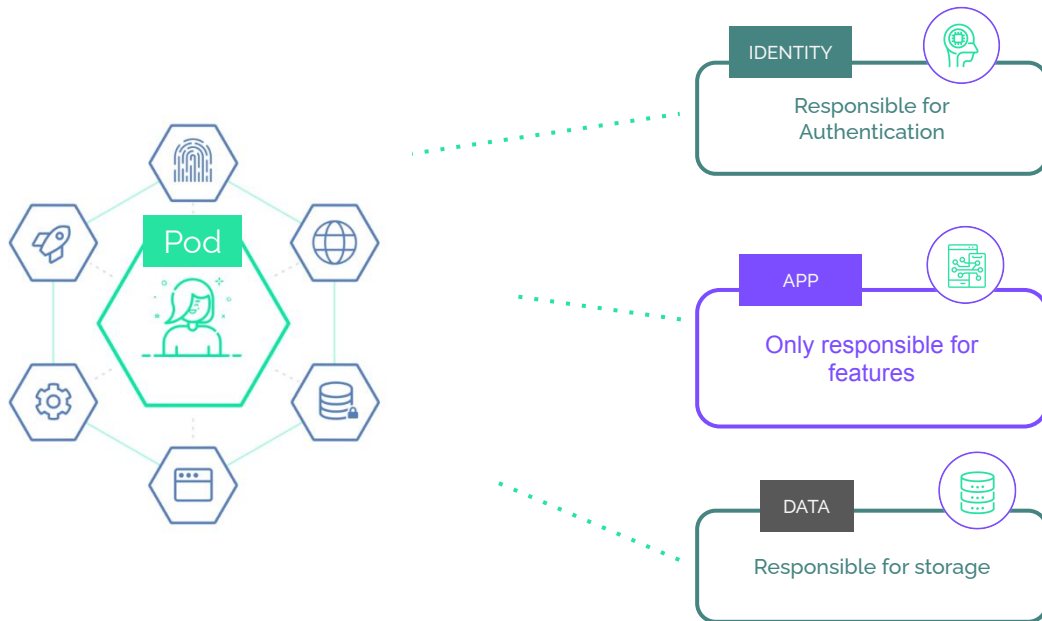
Accessed via standard web browsers



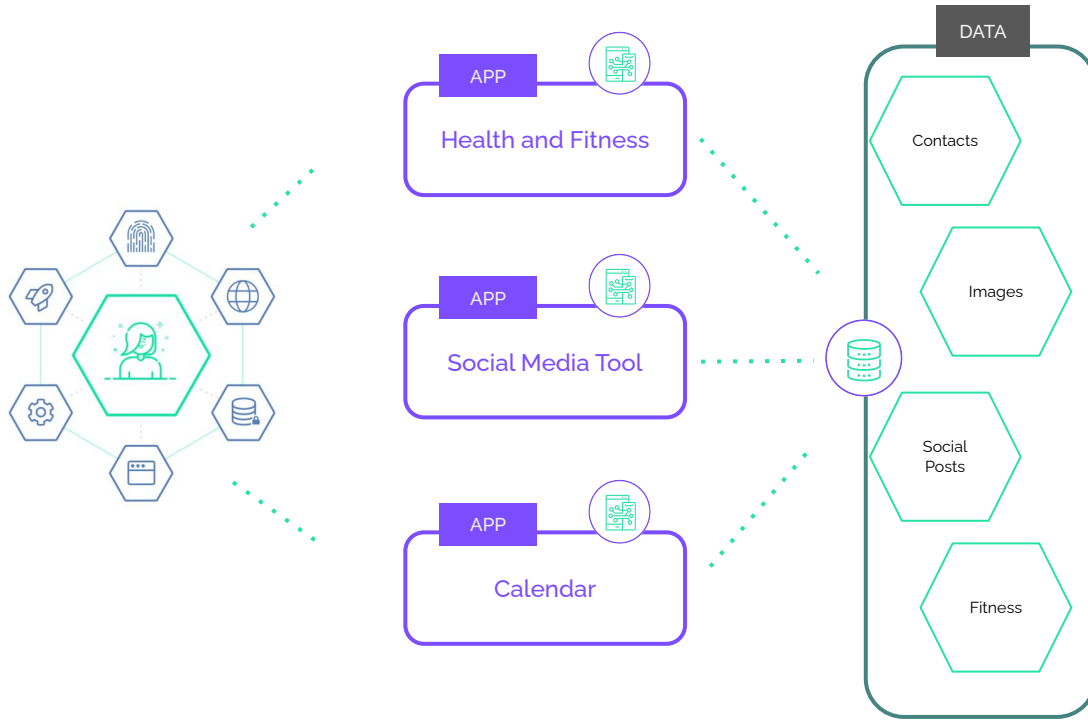
The Ecosystem



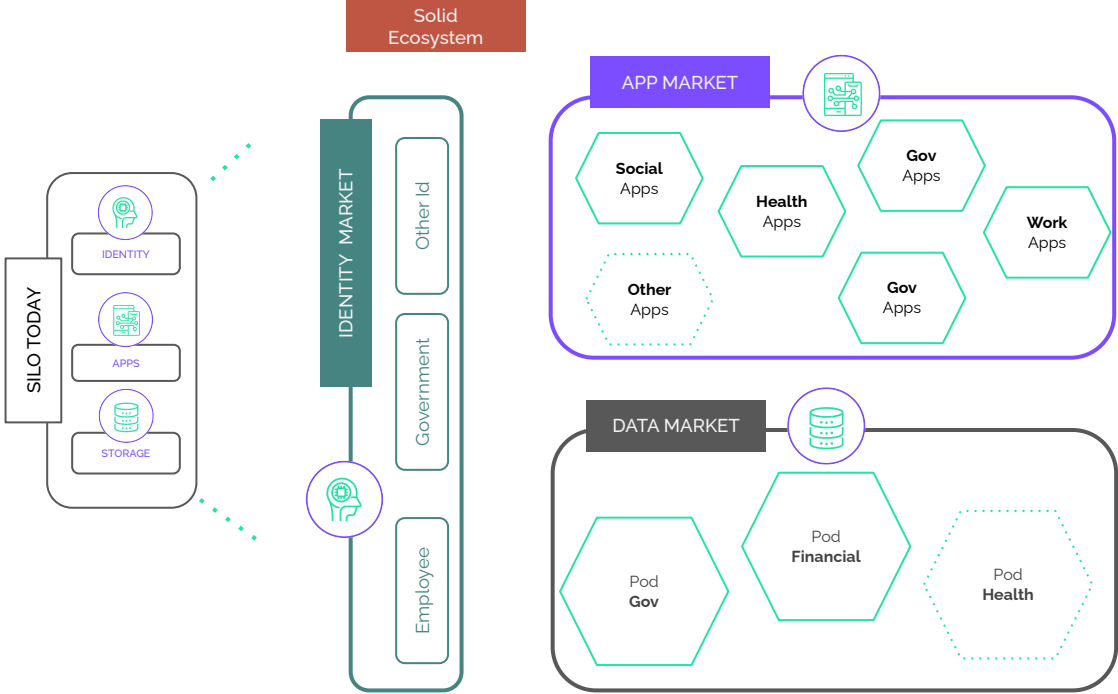
Separation of Concerns



Interoperability



The Ecosystem



Who is Solid for?

Users

- Control over personal data
- Single source of truth for data
- Portability of data

Developers

- Standardizes data access
- Simplifies application logic
- Platform interoperability

Organizations

- Developer Productivity
- Reduced operational risk
- Deeper relationships with users



Sir Tim Berners Lee and John Bruce launched Inrupt in October 2018

- ❑ To bring commercial reality to Sir Tim's vision of Solid

Production quality software and services

- ❑ Open source and Enterprise servers
- ❑ Developer tooling
- ❑ Pod browsing and management utilities

Visit us at inrupt.com

Contact: info@inrupt.com

Questions?