Accelerating Open And Private Data Service **Development**

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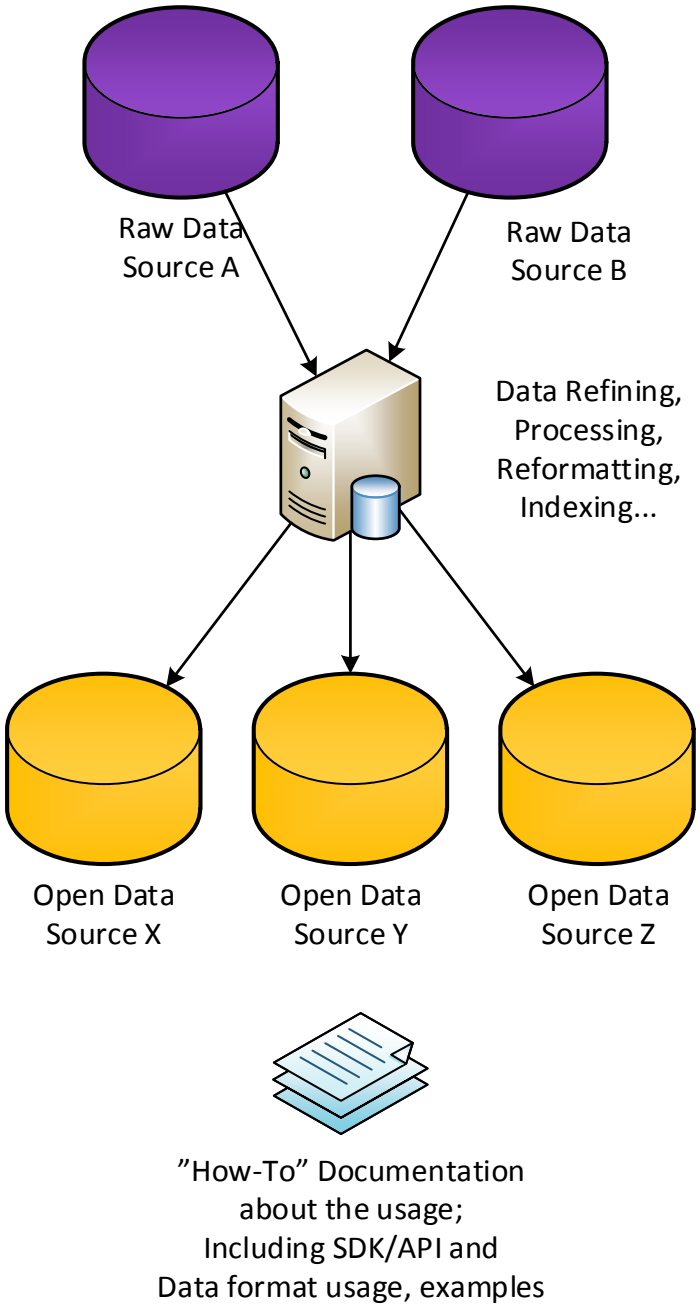
Structure of Presentation

- Intro: Open Data Provider Perspective
  - Reasons to open data/interfaces, positioning on the ecosystem
- Intro: App Developer Perspective
  - Open Data based ”app” development
  - Competition / Hackathon driven approach – towards production
- Intro: End-User
  - Who is this?
- Acceleration through The Big Picture

Open Data Provider

Data Provider: Bringing data ”easily available”

1. Identify relevant raw data
2. Identify required refined and indexed format
3. Provide resources to process from Raw Data => Open Data
4. Provide resources to store Open Data sources
5. Provide resources to serve Open Data sources
6. Provide”How-To” documentation and maintain it up-to-date



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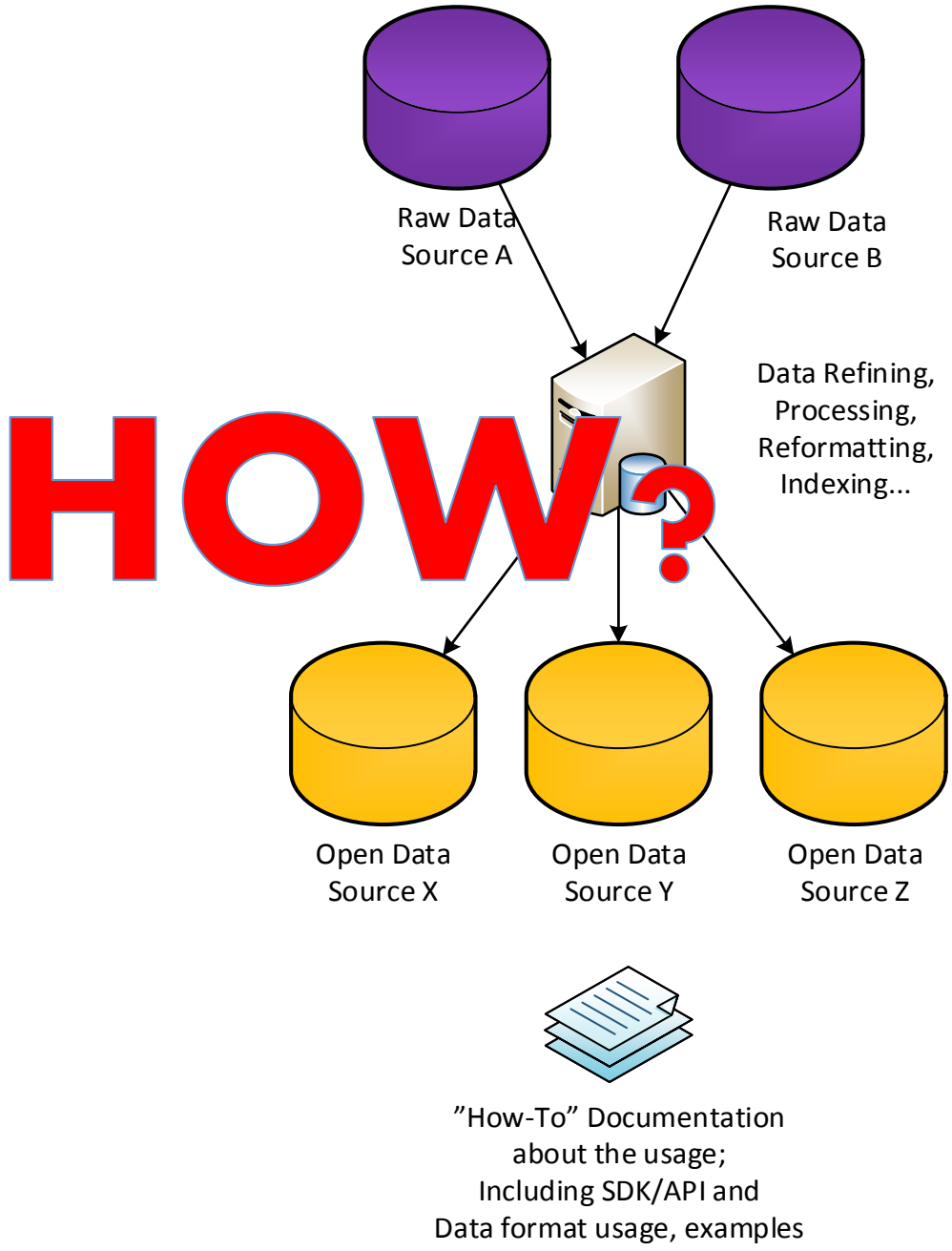


App Developer

What are key drivers; hacking & testing, swift development. Production and maintenance reality of active apps.

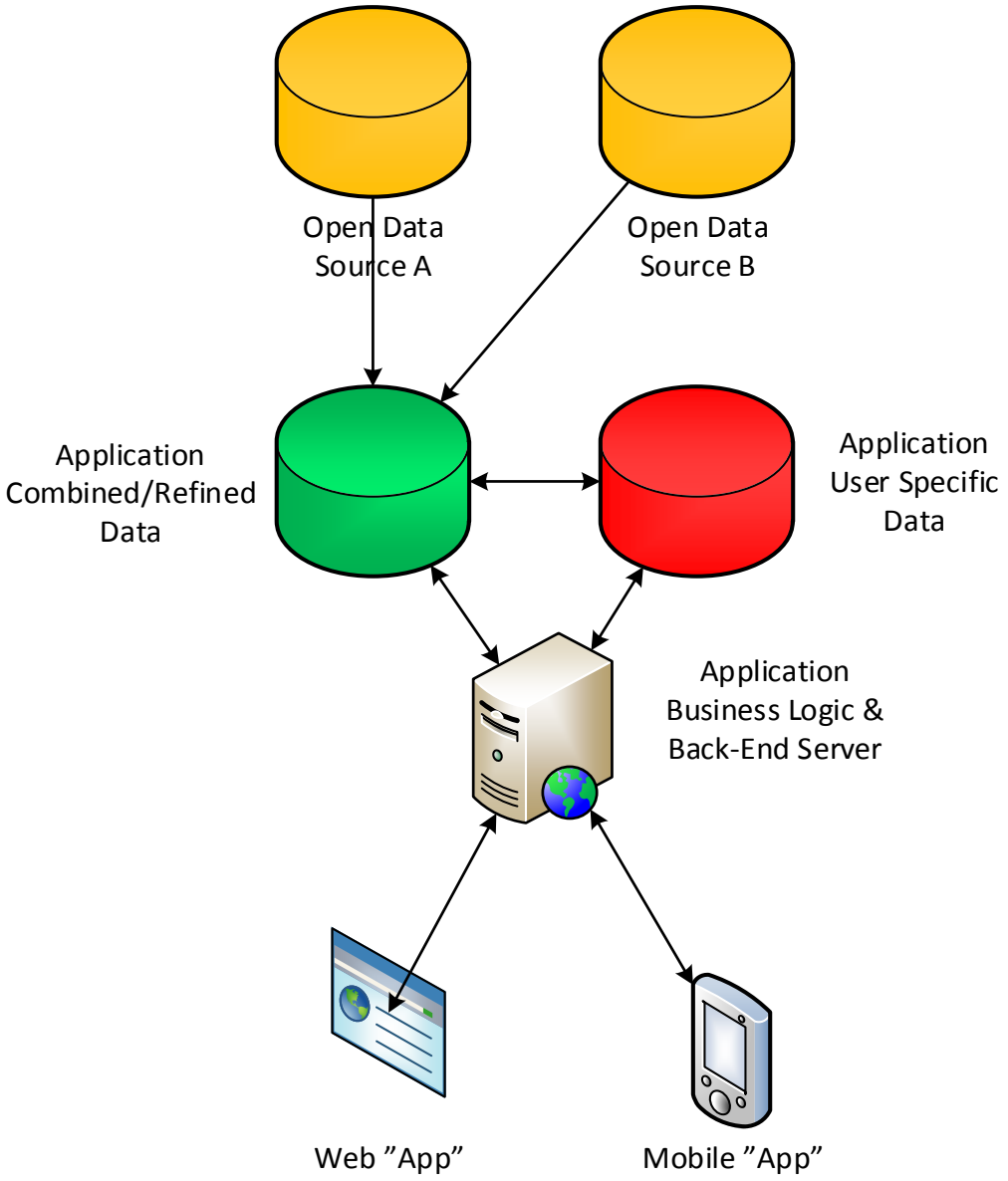
App Developer: Full solution stack/task list

Hacking => to running app

1. Identify open data provider(s) to use
2. Community-accelerators?: Identify existing reusable data or software library/blocks
3. Study ”how-to” of 1 and 2; SDK/API, data format to use
4. Combinations?: Index the combination of data – often require full open data export to developer ”own” database
5. Implement UI ”App”; web app, mobile app – something with user interface

Making it available => others can run the app

1. Combine data source with user-specific data – insensitive such as favorites, or very sensitive such as real-time location or private calendar
2. Production?: From ”hacking” to production grade polishing
3. Do-it-again?: Store reusable parts for self, or share with community



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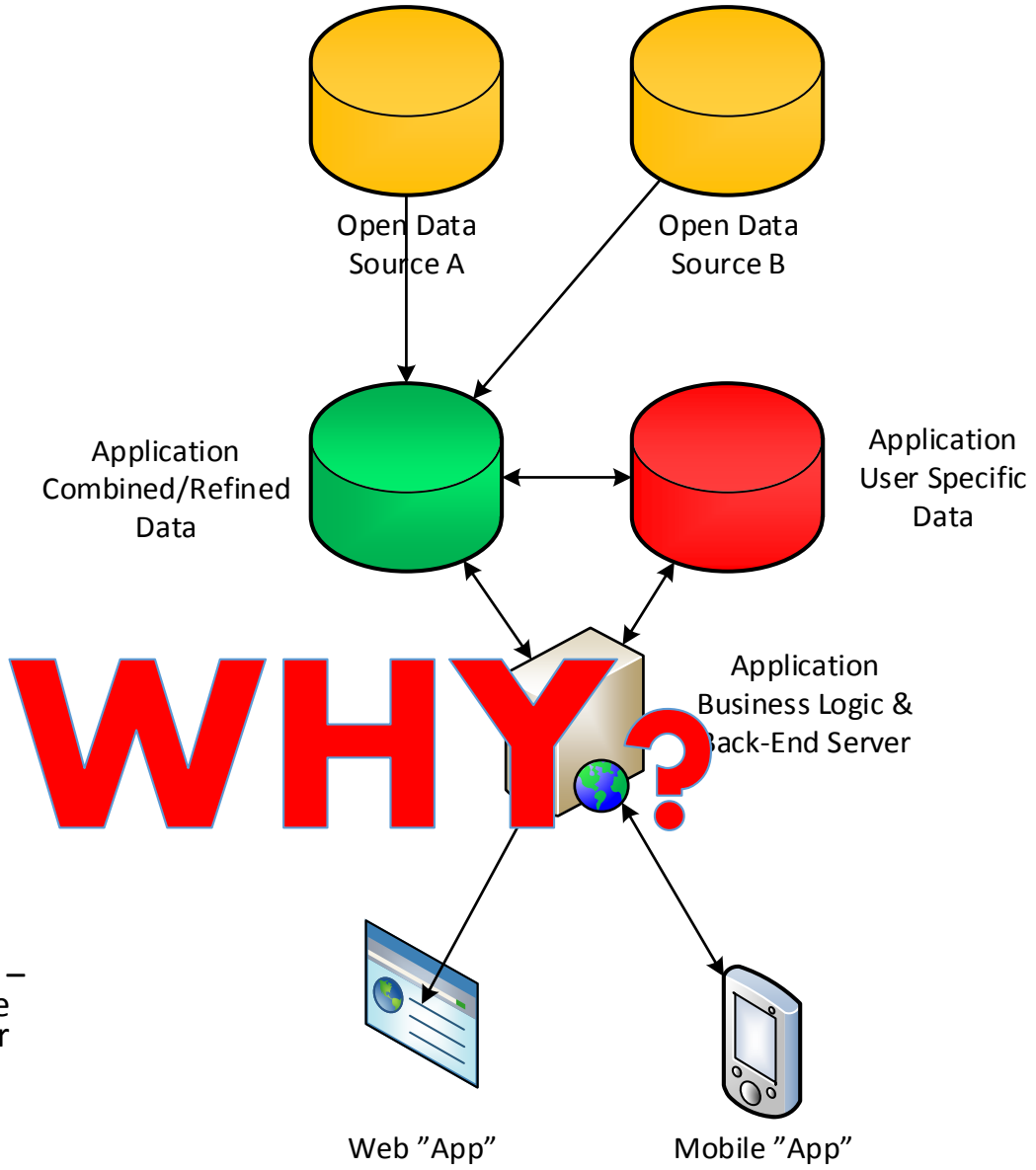
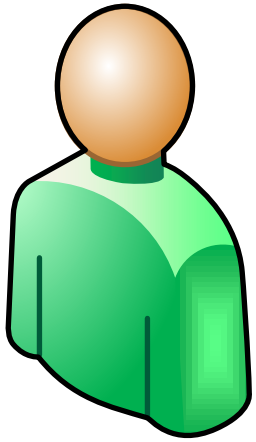


End User

Who? Me?



The End User

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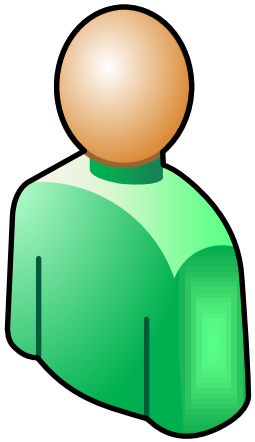
Is not…

- Open Data Provider's employee "at work"
- App Developer hacking the stuff "this is cool"
- Decision maker thinking "this is what they need"



… Is ~~the average citizen/consumer~~

a unique PERSON

- Has his or her own **PERSONAL** ambitions
- Generally likes to make things **EASIER**

The End User

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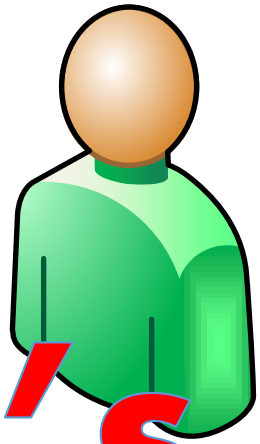

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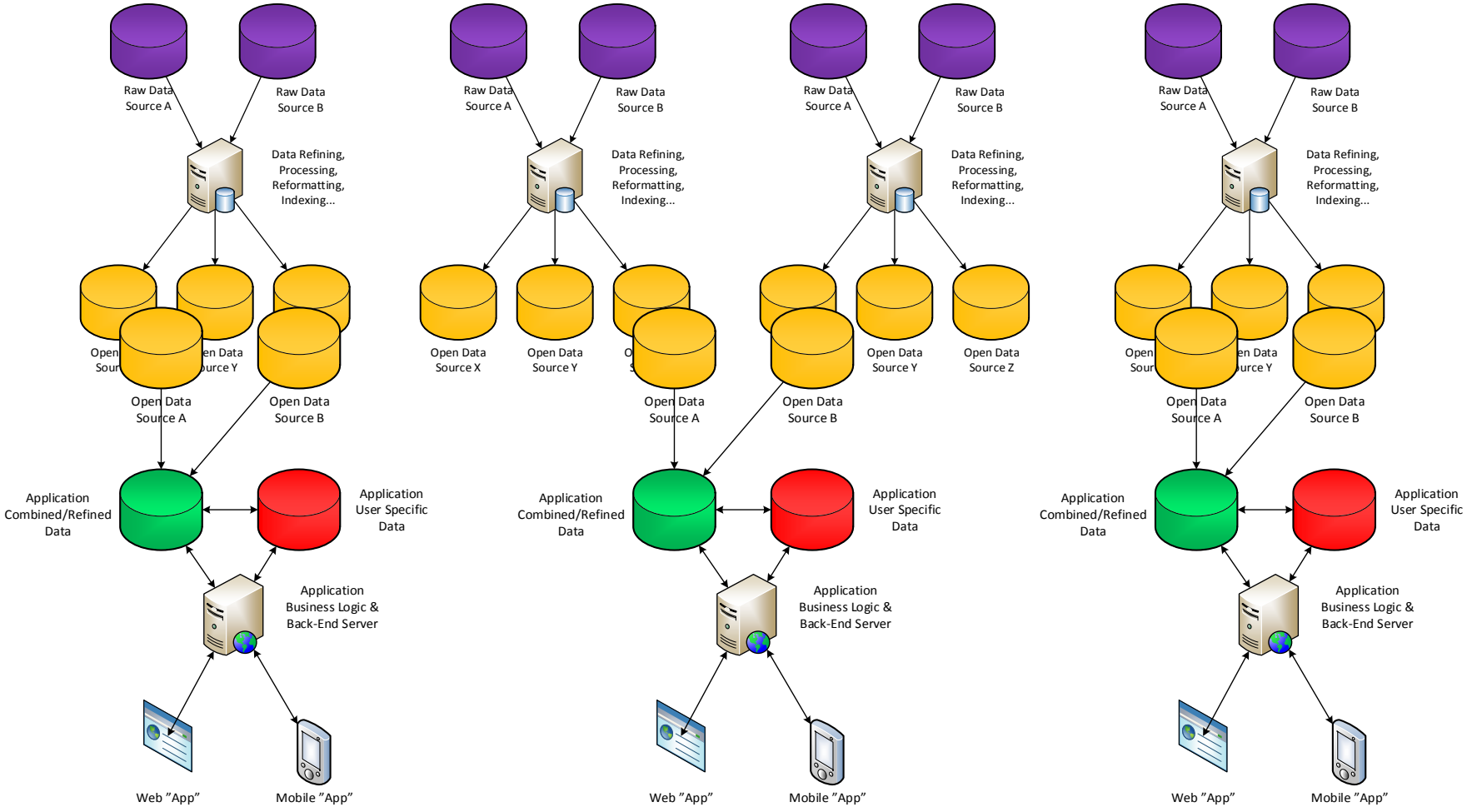
What's in it for ME?

The End User

The Big Picture

Acceleration through recognizing all the tasks and motives...

Apps made available one-by-one



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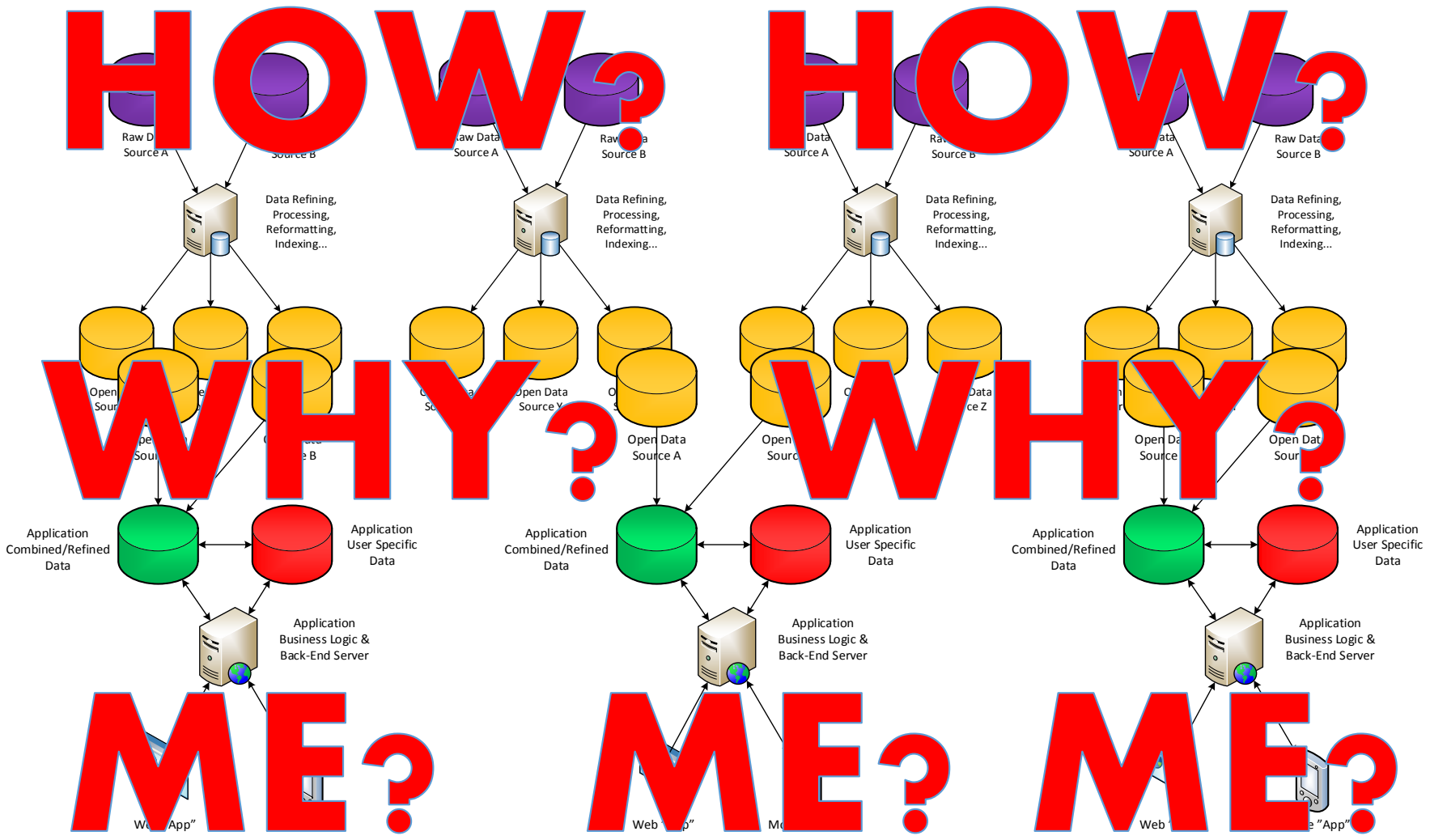


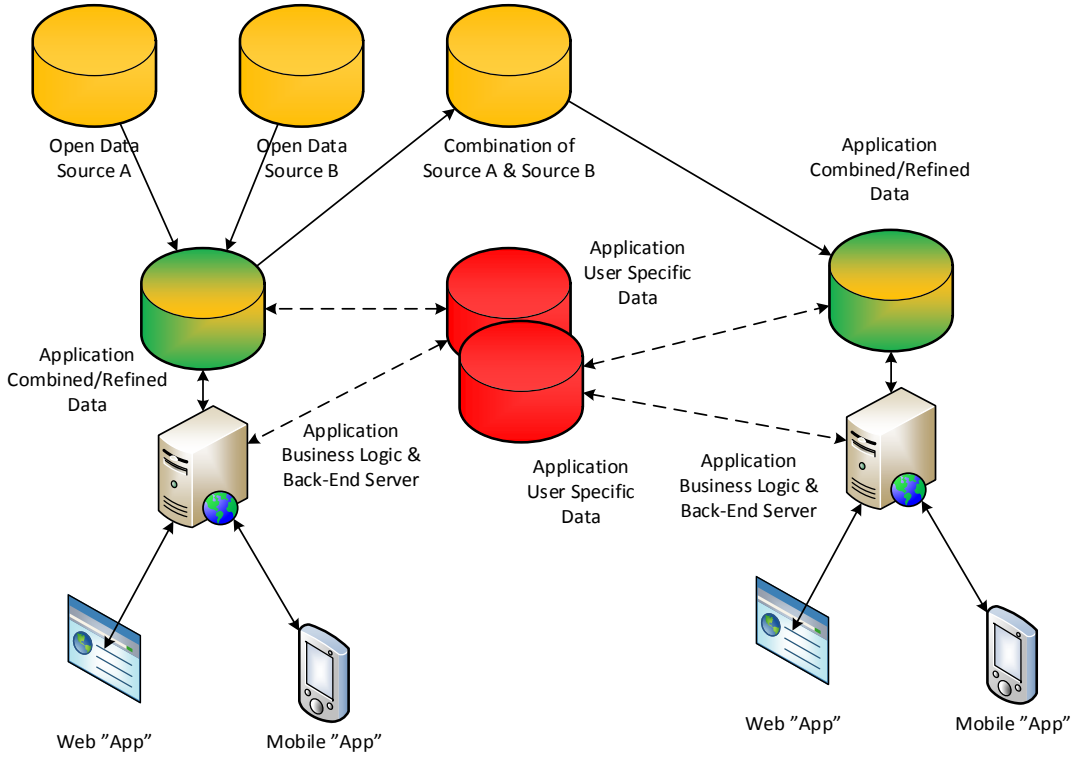
App Developer ”Communizable” Parts

Open Data Usage

- Allow & enable infrastructure for community data providers

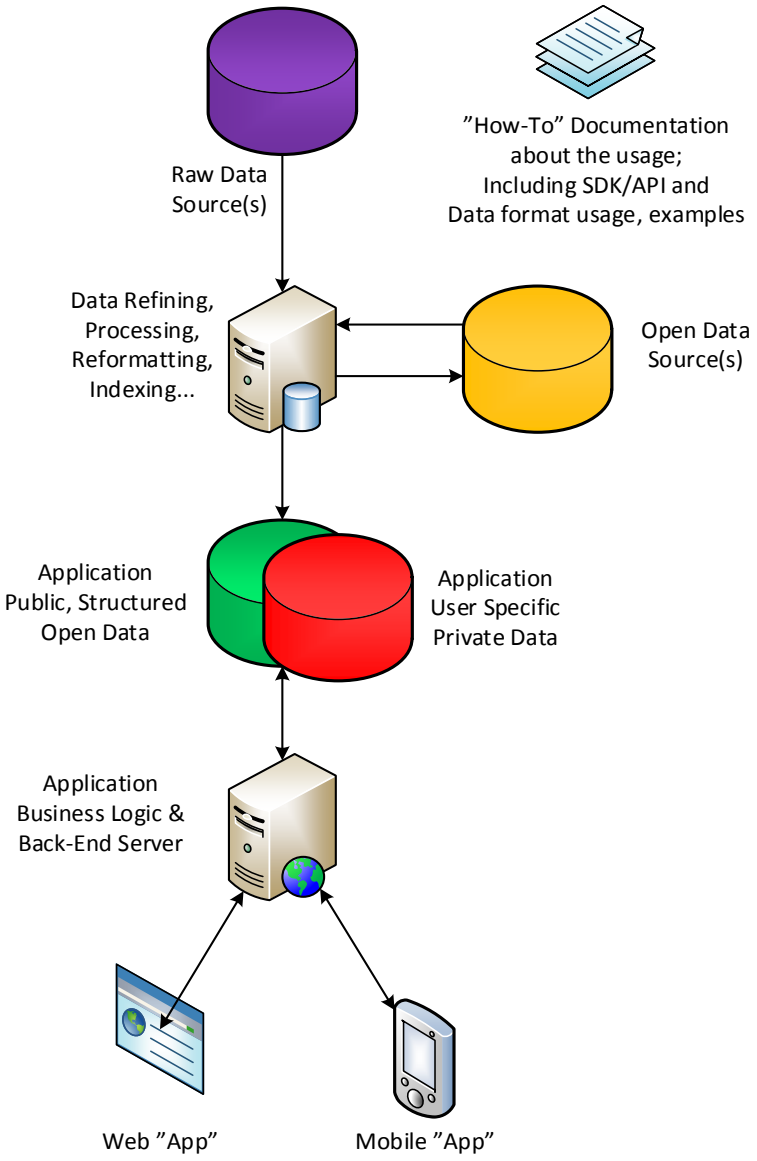
Private Data Usage

- Enable & require unified private data architecture

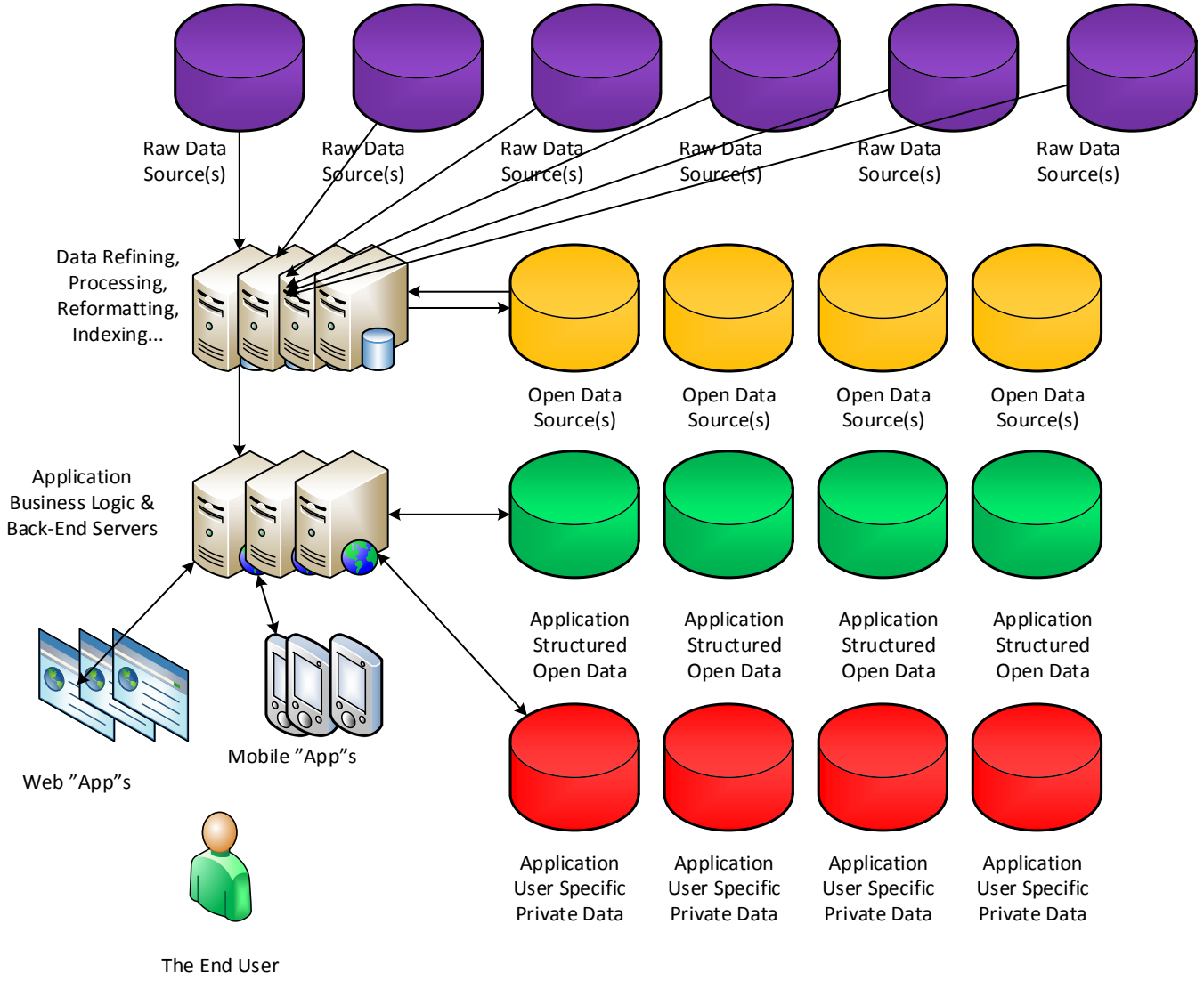


Benefits: Single App Perspective

- Unified ”communitized” data sources & usage
- Consolidated indexing and format processing: ”once for everybody”
- Unified, transparent management of private data



Community can unify to this…



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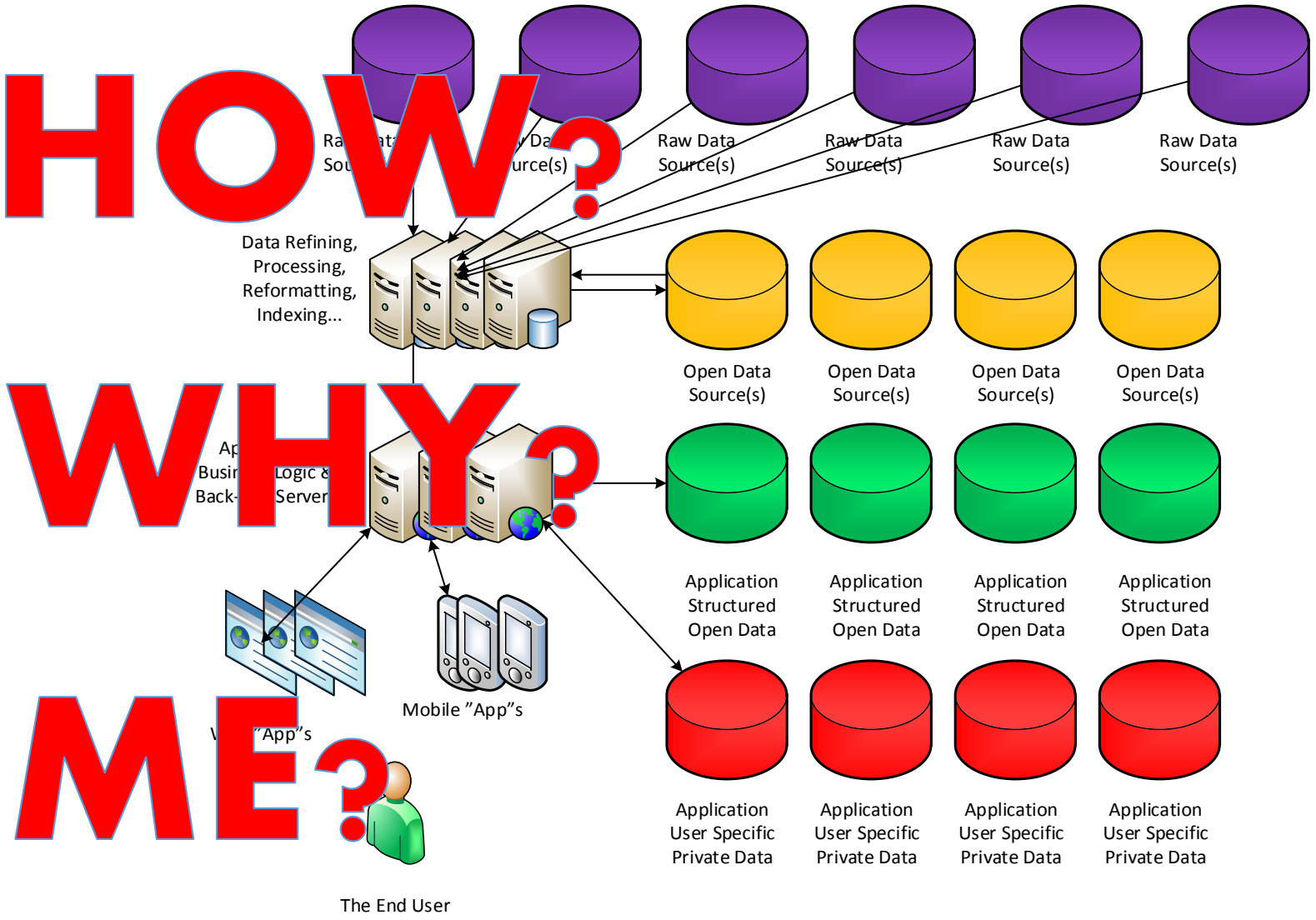

What to do next?

There is something already happening...

”The Ball”
Open Platform

- Designed for YOU OWN YOUR DATA
  - Enables information ecosystem
- Up and running with pilots
  - Businesses
  - Schools
  - Universities
  - Developers / Hackers
- Open Source, for ANY use
  - Built in co-operation and open collaboration
  - Anyone can run an instance
- In the cloud on Windows Azure
  - Massive scalability for whole community-infrastructure

Identify YOUR role

... And JOIN the community ☺!