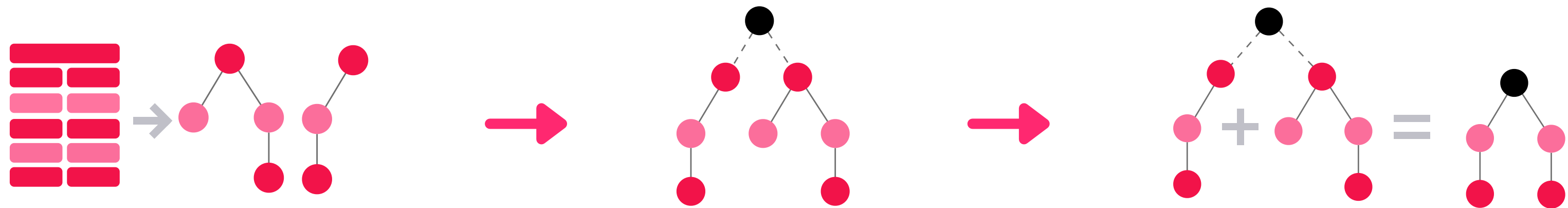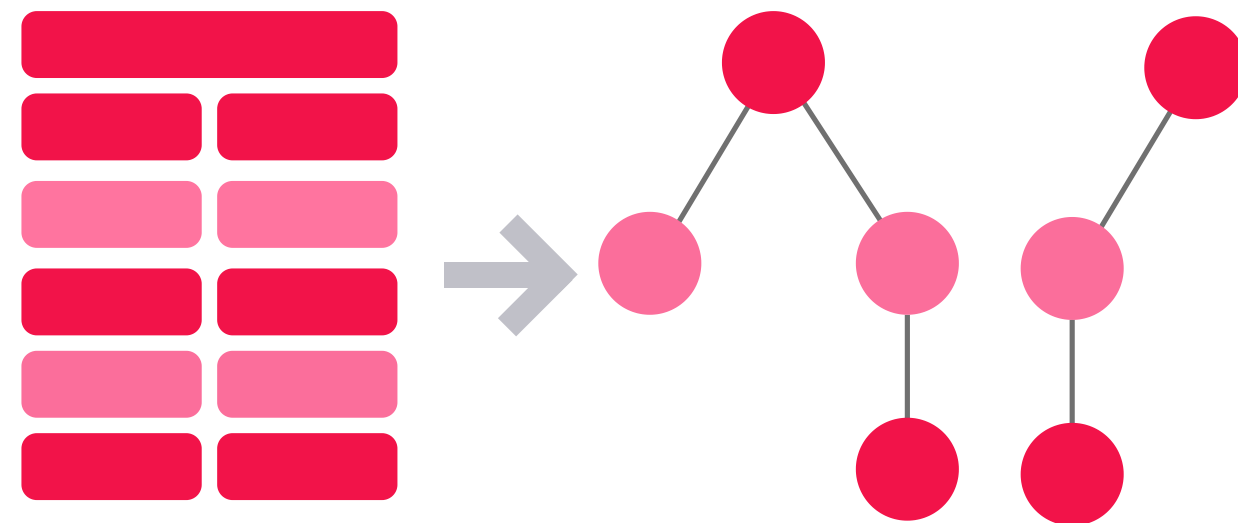# uwu

animeshon
アニメーション

Wormhole: Introduction

Wormhole is the internal pipeline for data processing and consolidation

conversion of data from any format to fully interconnected graphs
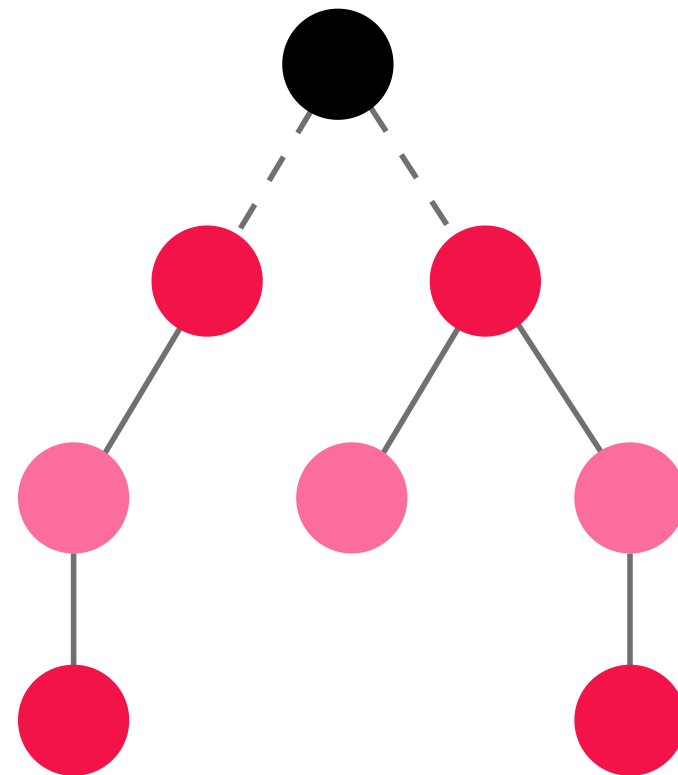
Data Explosion

as much information as possible is extracted during data pre-processing

the data ingested is expanded into nodes and edges
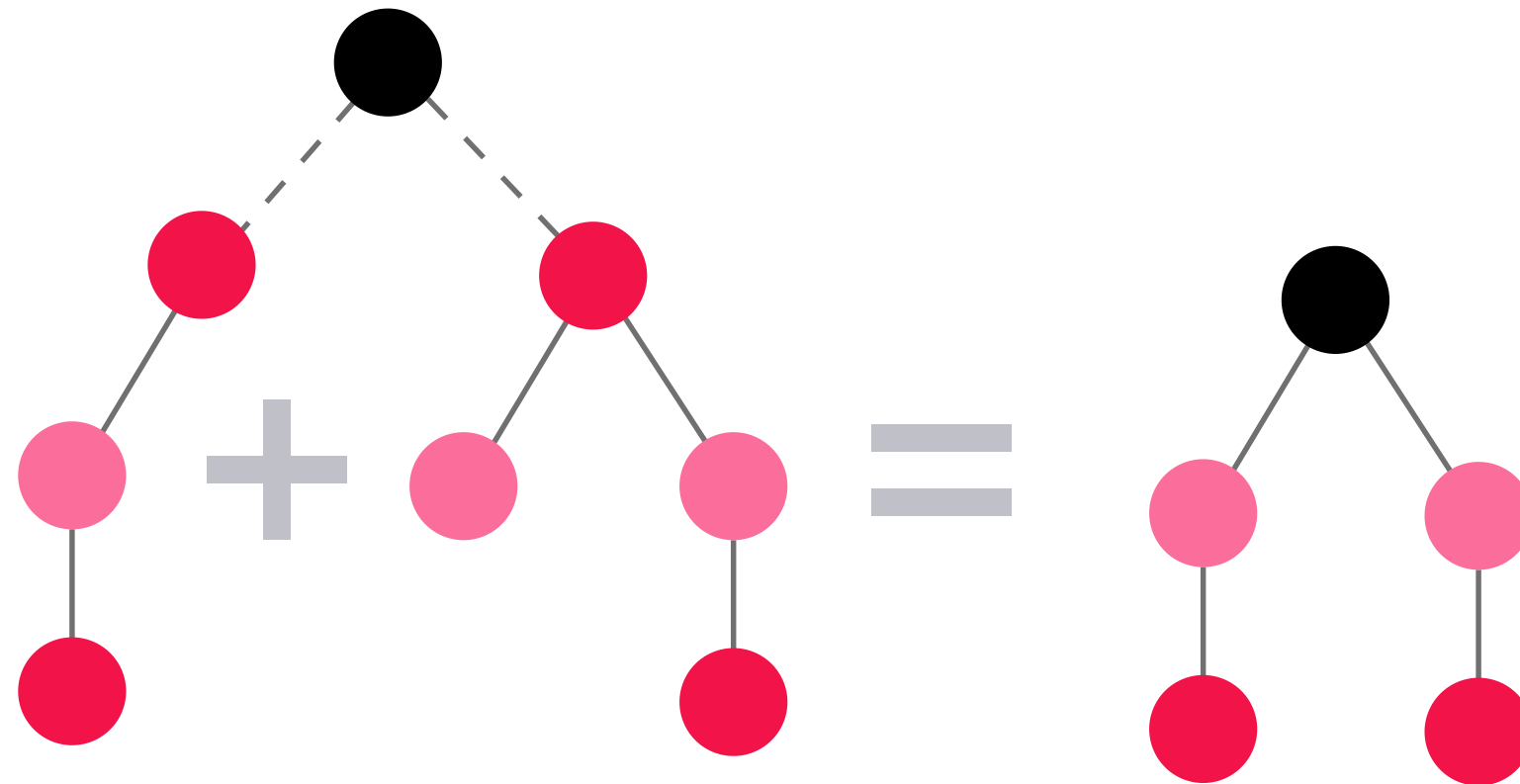
Cross-Reference

because the same entity is represented differently on multiple providers

we create a bridge between representations of the same entity
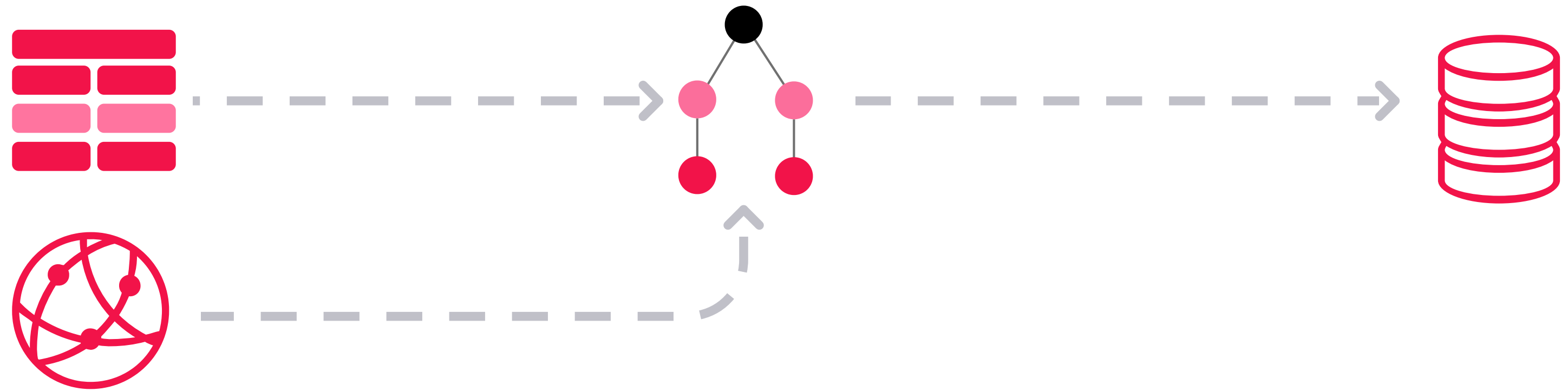we call this bridge a "cross-reference"

Data Consolidation

for each entity only the highest quality data is ratained

all representations of a single entity are merged into one
missing information is inferred whenever possible

Flexibility and Interoperability

Animeshon is just another data provider in the Wormhole pipeline

Isekai: Introduction

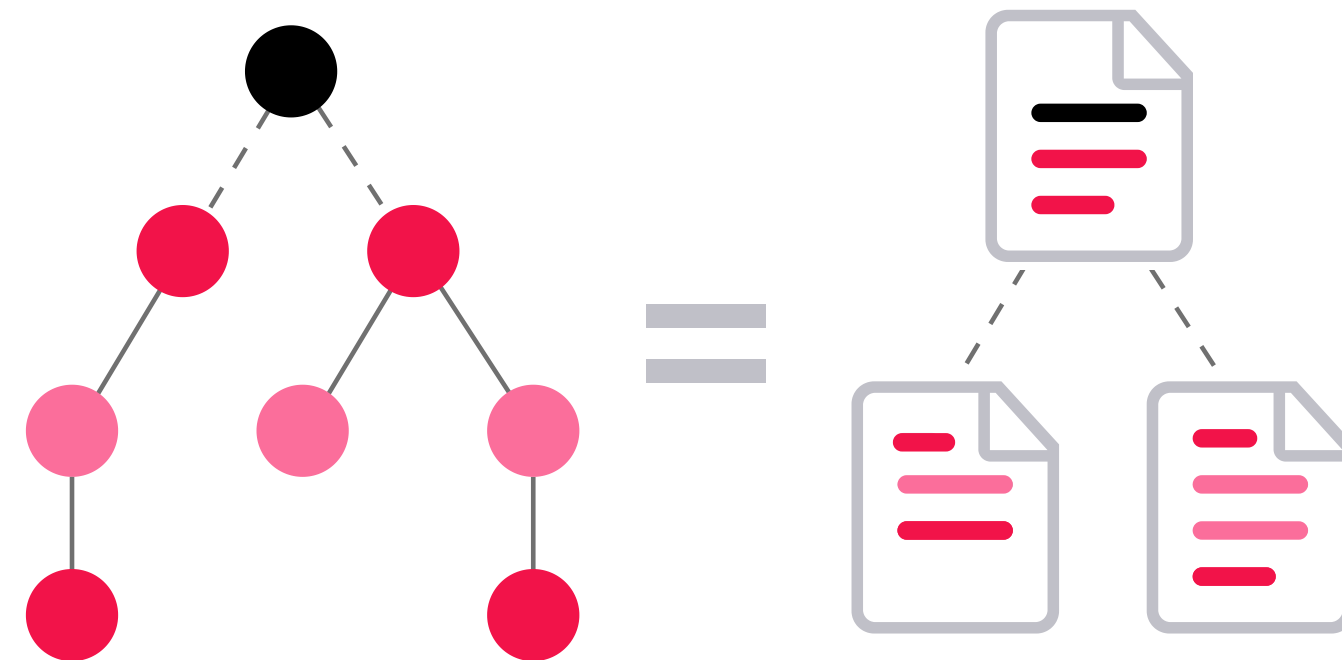Isekai is a virtualized Git environment running on a key-value storage

GIT PROCOTOL → **VIRTUAL FILESYSTEM** → **KEY-VALUE STORAGE**

STATUS: Under development by Animeshon

LICENSE: To be open-sourced as soon as the technology is ready for an alpha

RDF <-> JSON

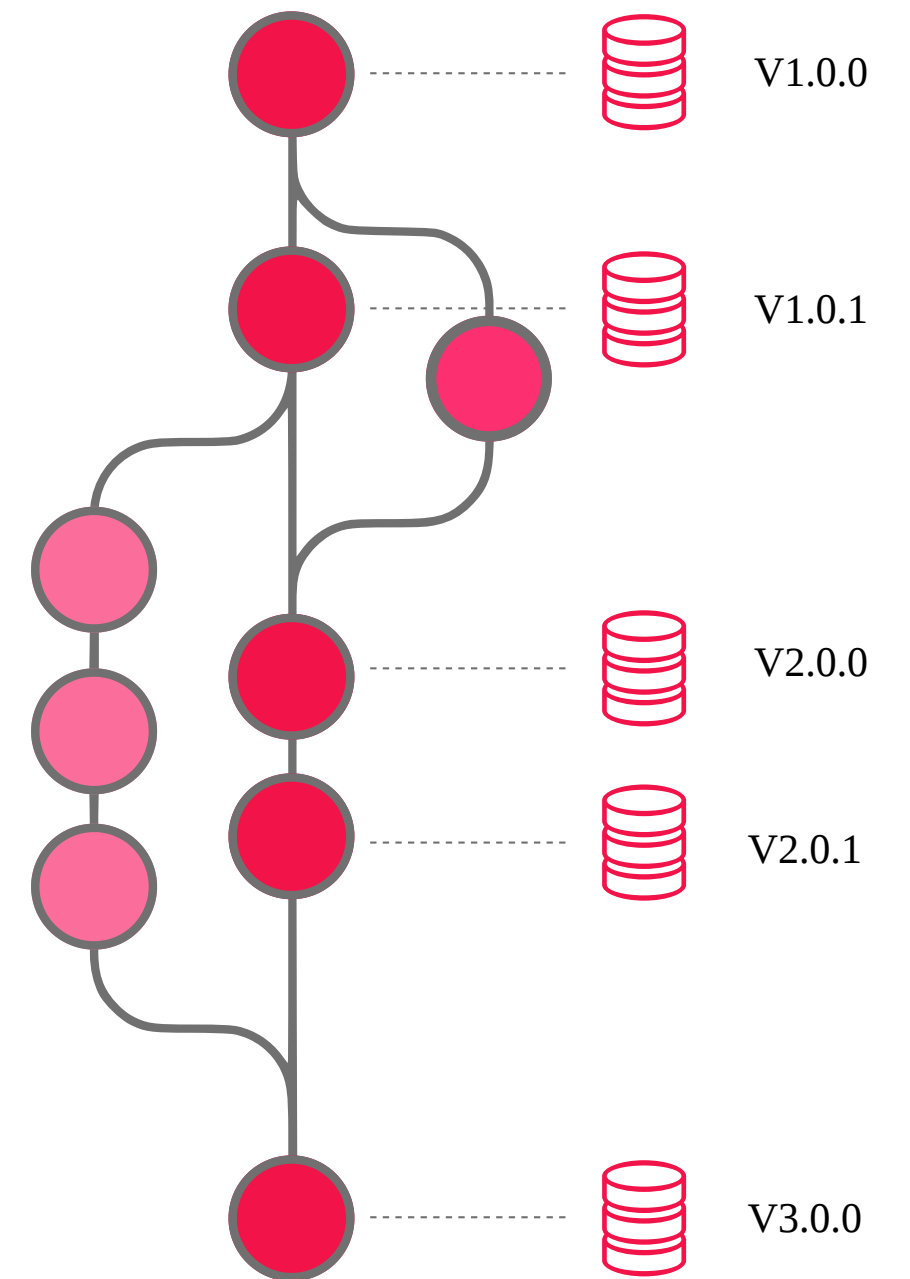every node in our graph database is a JSON document in Isekai

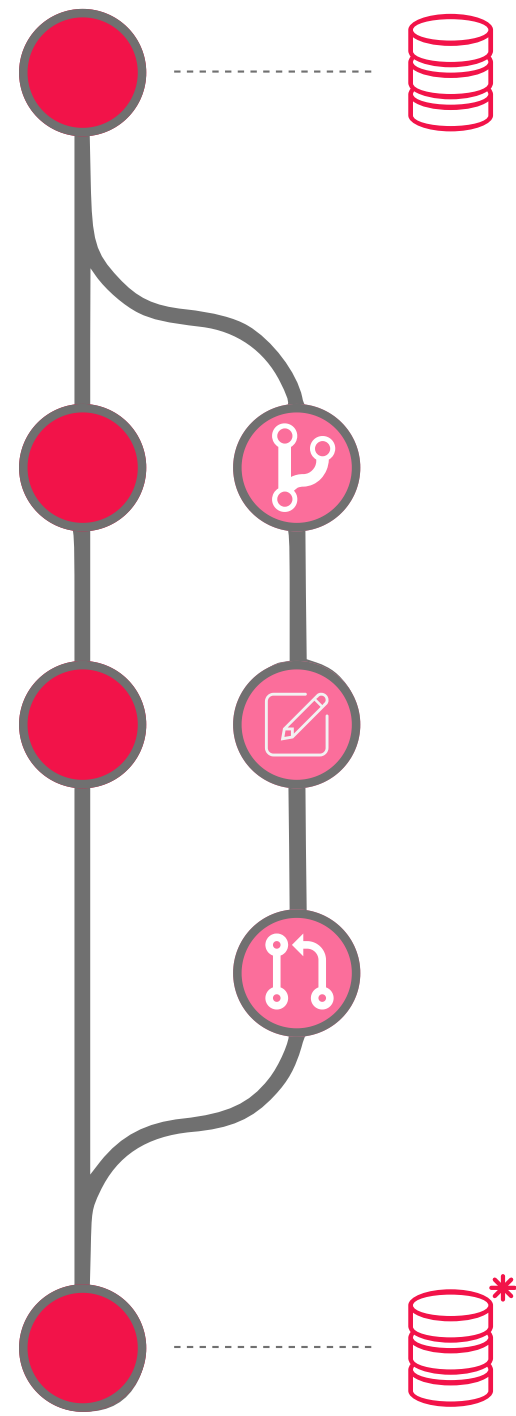JSON files gets translated into RDF files at runtime

Advantage

- bulk load million of repository files in a few minutes
- full history of changes made by system agents or users
- familiar flow for developers and battle-tested technology
- easy to keep track of thousands of concurrent changes made by users
- easy to approve, comment, and reject changes made by users
- easy to grant open-data access

V1.0.0

V1.0.1

V2.0.0

V2.0.1

V3.0.0

Data Flow

1.initial state

2. user starts to make changes
2.a new branch is created

3.when the user is done with the draft of changes he/she sends it for review

4 new pull request is opened
4.a the moderator approves the change

5. the branch merged into a master
5.a new representation of the content (e.g. anime) is publicly available

Flexibility

- documents are schema- and database-agnostic

- history, policies, and conflict resolution is provided for free

- webhooks make it easy to broadcast events

- snapshots are provided out-of-the-box

Thank you

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