W3C Community Group
Knowledge Graph Construction

http://w3id.org/kg-construct
Let’s start from the beginning…

The mission of the RDB2RDF Working Group, part of the Semantic Web Activity, is to standardize languages & Language (R2RML).

1. RDB2RDF W3C Standards and Notes
   - R2RML: RDB to RDF Mapping Language, W3C Recommendation
   - A Direct Mapping of Relational Data to RDF, W3C Recommendation
   - R2RML and Direct Mapping Test Cases, W3C Editor’s Draft
   - Use Cases and Requirements for Mapping Relational Databases to RDF, W3C Working Draft

A Direct Mapping of Relational Data to RDF
W3C Recommendation 27 September 2012

R2RML: RDB to RDF Mapping Language
W3C Recommendation 27 September 2012
KG-construct community group

focus on: semi-structured data (XML, CSV, JSON, etc) → KG (RDF)
Goals

G1: study current methods and implementations

G2: discuss use cases & derive requirements that are not covered

G3: formulate guidelines and best practices

G4: develop methods, resources & tools for evaluations
And we are right now...

Ongoing work:

- New R2RML Implementation report: [http://w3id.org/kg-construct/r2rml-implementation-report](http://w3id.org/kg-construct/r2rml-implementation-report)
- Supporting report generation [R2]RML: [https://github.com/kg-construct/r2rml-test-cases-support](https://github.com/kg-construct/r2rml-test-cases-support) [https://github.com/kg-construct/rml-test-cases-support](https://github.com/kg-construct/rml-test-cases-support)
- New and conceptual test cases
- RML+FnO specification
- Bi-weekly meetings (~20 people)
- Monthly blog post