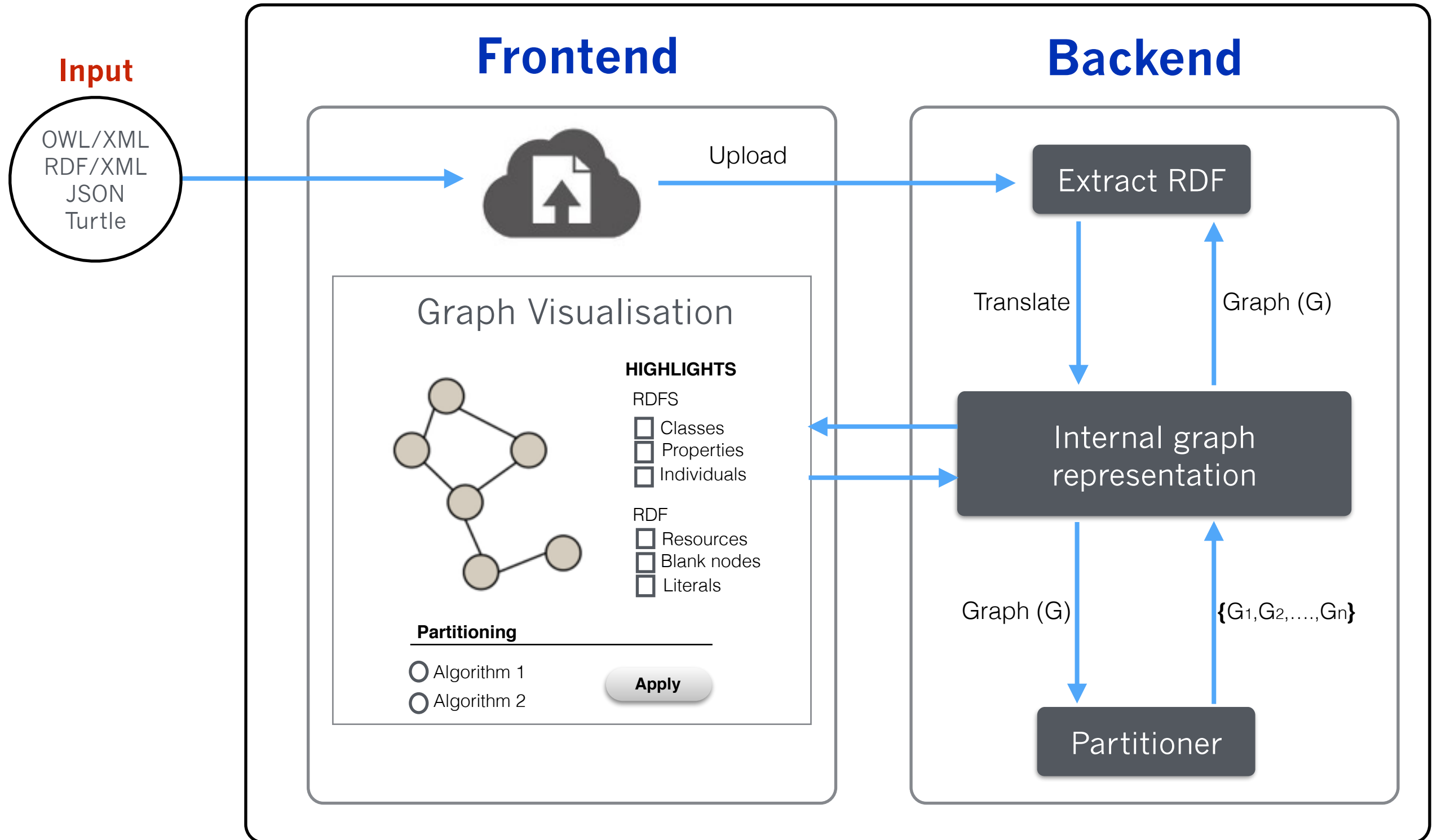# Web-based ontology partitioning and analysis tool

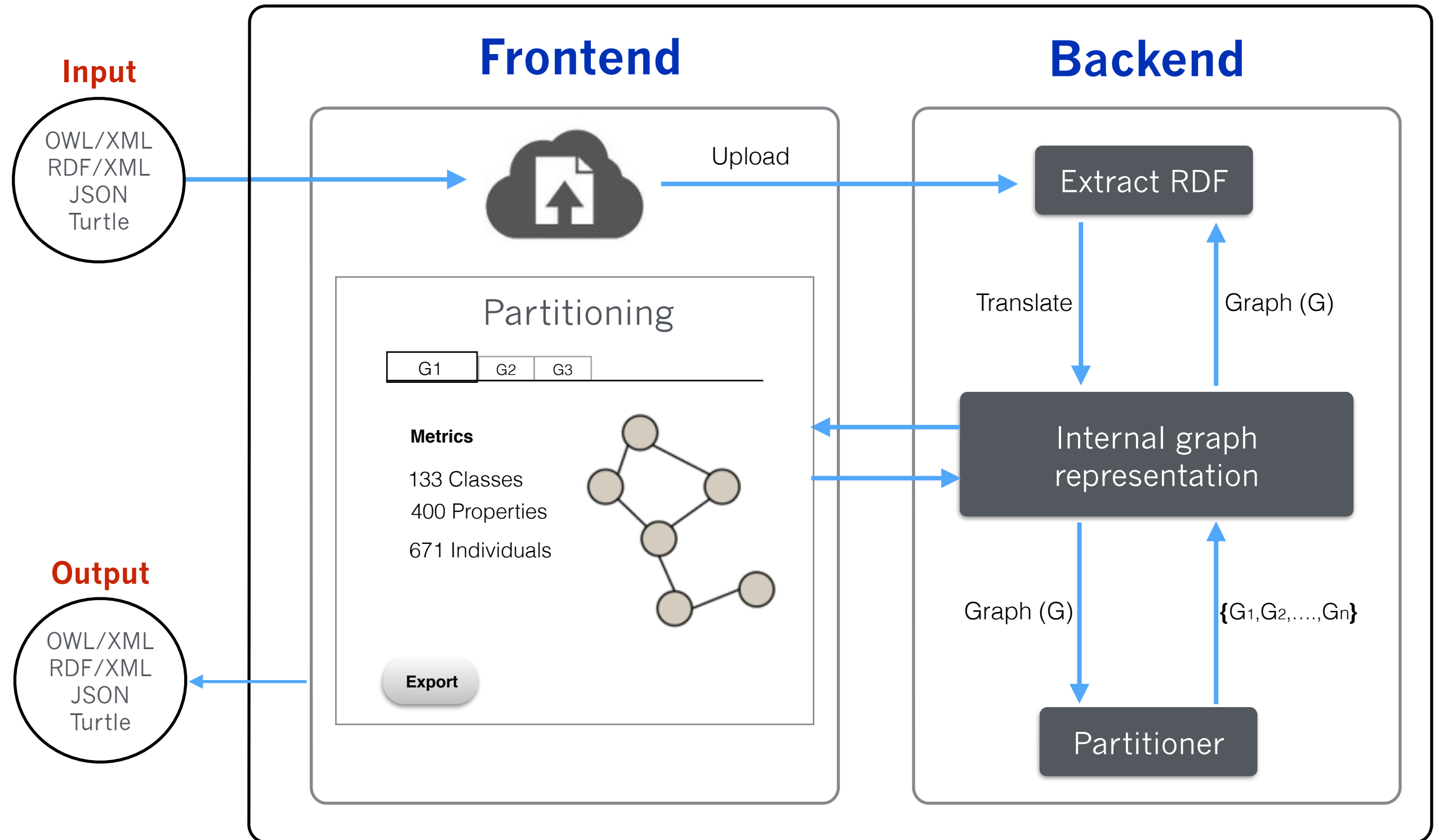**Team:**   Ahmad Alzeitoun
                 Iulia Buga
                 Imuwahen Osazuwa
Mentors:

                 Dr. Gökhan Coskun
                 Irlan Grangel

Architecture

Frontend

Backend

Architecture

Frontend

Backend

Input

OWL/XML
RDF/XML
JSON
Turtle

Upload

Extract RDF

Partitioning

G1	G2	G3

Metrics

133 Classes

400 Properties

671 Individuals

Export

Translate

Graph (G)

Internal graph representation

Graph (G)

$\{G_1, G_2, \dots, G_n\}$
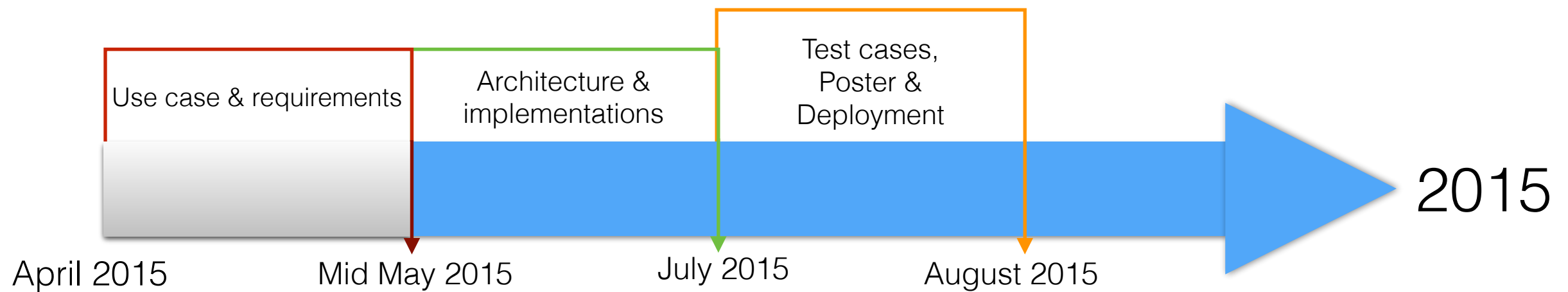
Partitioner

Output

OWL/XML
RDF/XML
JSON
Turtle

Technology

- Frontend
  - AngularJS, HTML5, CSS3 & Bootstrap
- Backend
  - Javascript, NodeJS

Time plan

| Use case & requirements | Architecture & implementations | Test cases, Poster & Deployment | | 2015 |

April 2015 — Mid May 2015 — July 2015 — August 2015

Questions?