REPRESENTATION OF RESOURCES BY TOPIC

Fundamentals of Resource Description Framework

Identity in RDF- Low/Moderate (2.5)

RDF data model – VERY High (5.0)

Related data models- Moderate (3.0)

RDF serialization- High (4.0)

Fundamentals of Linked Data

Web technology – Low (2.0)

Linked data principles- Moderate to High (3.5)

Linked Data architectures and services- Low (2.0)

Linked Data policies and best practices - Low/Moderate (2.5)

Non-RDF Linked Data – Moderate (3.0)

RDF vocabularies

Finding RDF vocabularies – Low/Moderate (2.5)

Maintaining RDF vocabularies – Low (2.0)

Versioning RDF vocabularies – VERY Low (1.0)

Publishing RDF vocabularies- Moderate (3.0)

Mapping RDF vocabularies- Low (2.0)

RDF application profiles- VERY Low/Low (1.5)

Creating and transforming RDF Data

Managing identifiers (URIs)- Moderate (3.0)

Creating RDF data- Moderate (3.0)

Versioning RDF data- VERY Low (1.0)

RDF data provenance- VERY Low (1.0)

Cleaning and reconciling RDF data- Low (2.0)

Mapping and enriching RDF data- Low/Moderate (2.5)

Interacting with RDF Data

Finding RDF Data – Low/Moderate (2.5)

Programming RDF Data – VERY Low (1.0)

Querying RDF Data – VERY High (5.0)

Visualizing RDF Data – Low/Moderate (2.5)

Reasoning over RDF – High (4.0)

Assessing RDF Data quality- Low (2.0)
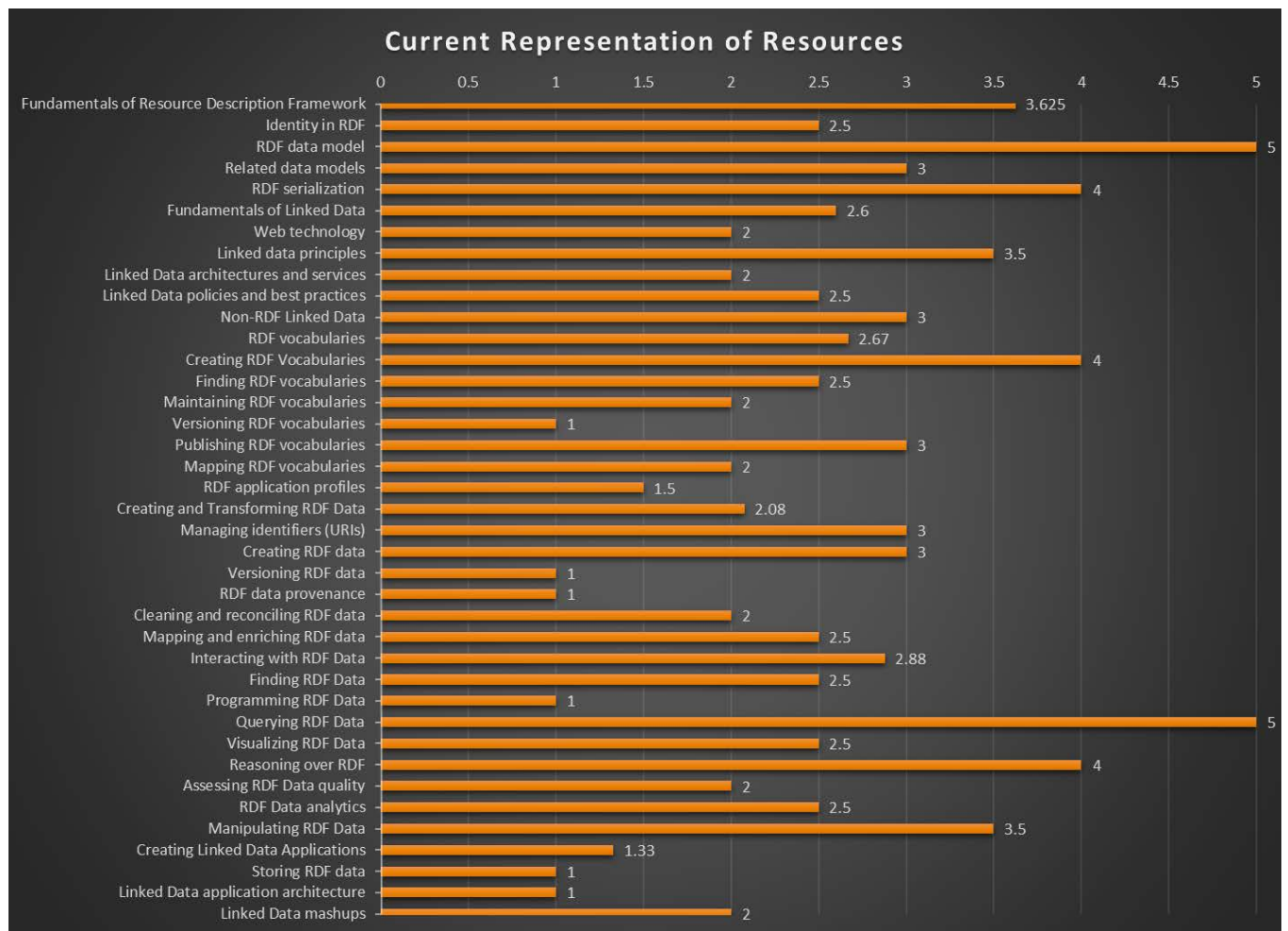
RDF Data analytics—Low/Moderate (2.5)

Manipulating RDF Data- Moderate/High (3.5)

Creating Linked Data applications

Storing RDF data – VERY Low (1.0)

Linked Data application architecture- VERY Low (1.0)

Linked Data mashups – Low (2.0)

Current Representation of Resources

Resource	Rating
Fundamentals of Resource Description Framework	3.625
Identity in RDF	2.5
RDF data model	5
Related data models	3
RDF serialization	4
Fundamentals of Linked Data	2.6
Web technology	2
Linked data principles	3.5
Linked Data architectures and services	2
Linked Data policies and best practices	2.5
Non-RDF Linked Data	3
RDF vocabularies	2.67
Creating RDF Vocabularies	4
Finding RDF vocabularies	2.5
Maintaining RDF vocabularies	2
Versioning RDF vocabularies	1
Publishing RDF vocabularies	3
Mapping RDF vocabularies	2
RDF application profiles	1.5
Creating and Transforming RDF Data	2.08
Managing identifiers (URIs)	3
Creating RDF data	3
Versioning RDF data	1
RDF data provenance	1
Cleaning and reconciling RDF data	2
Mapping and enriching RDF data	2.5
Interacting with RDF Data	2.88
Finding RDF Data	2.5
Programming RDF Data	1
Querying RDF Data	5
Visualizing RDF Data	2.5
Reasoning over RDF	4
Assessing RDF Data quality	2
RDF Data analytics	2.5
Manipulating RDF Data	3.5
Creating Linked Data Applications	1.33
Storing RDF data	1
Linked Data application architecture	1
Linked Data mashups	2

SCALE:

1.0 to 1.99 = VERY Low

2.0 to 2.99 = Low

3.0 to 3.99 = Moderate

4.0 to 4.99 = High

5.0 = VERY High

Note: "Representation" reflects relative numbers of resources cataloged. For example, "RDF Data Model" and "Querying RDF Data" have the most resources cataloged, so they have a rating of 5.0. "Storing RDF Data" and "Programming RDF Data" have the fewest resources cataloged, so they have a rating of 1.0.