Text

Description automatically generated

Text

Description automatically generated

Text

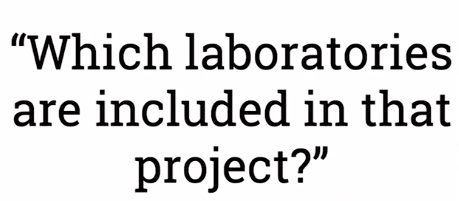
Description automatically generated

Text

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Text

Description automatically generated



Text

Description automatically generated

Text

Description automatically generated

Diagram

Description automatically generated

World Wide Web

Graphical user interface, text, application

Description automatically generated

Text

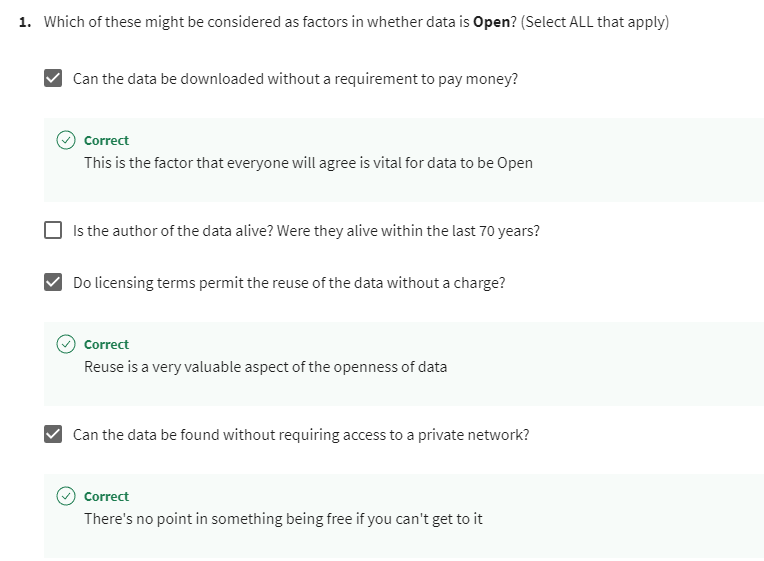
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Graphical user interface, text, application, email

Description automatically generated

## Reading linked data

Resource Description Framework -> Linked data model, It's a framework for describing information, in a way that is simple and allows us to build more complicated structures out of simple structures.

Diagram

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Description automatically generated

Graphical user interface, text, application

Description automatically generated

Diagram

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Diagram

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text, letter

Description automatically generated



A picture containing text

Description automatically generated

Graphical user interface, text

Description automatically generated

Text

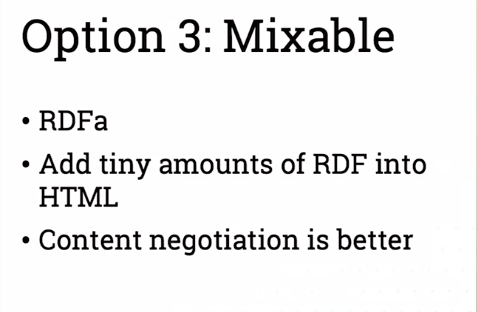
Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated



Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Diagram

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Diagram

Description automatically generated

Text, application

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## Graphs

Diagram

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Diagram

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Diagram

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## web ontologies

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text, letter

Description automatically generated

Text, letter

Description automatically generated

Diagram

Description automatically generated

Chart, timeline

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text, letter

Description automatically generated

Sub property

Text, letter

Description automatically generated

Text

Description automatically generated

A screenshot of a computer

Description automatically generated with low confidence

Text

Description automatically generated

Diagram, text

Description automatically generated

Diagram

Description automatically generated with low confidence

Diagram

Description automatically generated



Text, letter

Description automatically generated

 Declare equivalent properties in equivalent classes so that again, a reasoning system operating over this can choose to use whichever vocabulary gives it information at a given time.

Diagram

Description automatically generated

Text

Description automatically generated

Text, letter

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Diagram

Description automatically generated

## Triplestores and SPARQL

Graphical user interface, text, application

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Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated with medium confidence

Diagram

Description automatically generatedA picture containing text

Description automatically generated

Diagram

Description automatically generated

Anything with a question mark in it is just a named variable.

Diagram

Description automatically generated

Returns the name

Text

Description automatically generated

+ => so foaf knows plus frontier means connect David to this variable by as many chains of knows as you want.

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email, Teams

Description automatically generated

Federated query - create one query that addresses multiple sparkle endpoints so that a query going to Wikidata can also have an element joined with elements from a library, sparkle endpoint, or some other commercial organizations' sparkle endpoint or something local to us

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application, Teams

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email, Teams

Description automatically generated