

Instant SPARQL-Endpoint deployment.

0 – Launch Datao with one-click JavaWebStart

The screenshot shows the Datao web interface with a sidebar on the left containing two sections: '1: All ontologies' and '2: All concepts'. The '1: All ontologies' section is expanded to show '3: Config' with a tree view of ontologies including 'The SW', 'FacetableQueries', 'Hollow (don't use)', 'Pizzas', 'Stock-aware part replacement', 'Part replacement rules (da...', 'Part replacement rules (mo...', 'Stock numbers (data)', 'Stock (model)', 'Displayable items', 'Part replacement rules (big da...', and 'Life at the airport'. The main area displays a central lightbulb icon with arrows pointing to four data visualizations: 'Part replacement rules (model)' (a 3D wireframe model), 'Part replacement rules (data)' (a collection of mechanical parts), 'Stock numbers (data)' (a collection of small metal parts), and 'Stock (model)' (a warehouse aisle). A red arrow points from the '1: All ontologies' section to the 'Part replacement rules (data)' visualization, labeled '1 - Drag'n drop ontologies'. Another red arrow points from the 'Stock (model)' visualization to the bottom right, labeled '2 - Choose engine (Jena, Sesame, Virtuoso, Kaon2,...)'. A third red arrow points from the 'Part replacement rules (model)' visualization to the top right, labeled '3 - Have a(nother) beer.'.



3 – Have a(nother) beer.

2 – Choose engine (Jena, Sesame, Virtuoso, Kaon2,...)

1 - Drag'n drop ontologies

Instant (Select) Queries authoring.

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Our Concepts

- Concepts:
- ITEM
- Items
- PNRMFR
- PhysicalPart
- RPLBY

1: Our Concepts

2: Their relationships

6 - Which location may not be replaceable because of stockout?

ReplacementManufacturer.

Location.

ReplacableItem.

UnavailableReplacementPart.

ReplacementPartNumber.

Ref: 181-xyz

hasA-MFR

hasA-PNR

hasA-RPLBY

hasA-EIN

stock

Not in Stock but you can order it for delivery!

- Rename
- Delete
- Show details
- Choose icon

Current layout: MyFRLlayout

3 – Generate and run query (SPARQL, SeRQL, Metaviews?).

1 - Drag'n drop concepts and relationships

2 – Right-click for OPTIONAL, FILTER...

Firefox : a RDF browser.

1 – Define RDF datasources

2 – Define RDF query.

3 – Bind variables to HTML or XUL template.

4 – Let Firefox manage the layout.

The screenshot shows a Firefox browser window with a menu bar containing 'My Login', 'My Interests', 'My Semantic Web', 'My Views', 'My Query', 'My Template', and 'My Server'. The address bar shows the URL `https://developer.mozilla.org/samples/xultemp/template-guide-ex22.xul`. The main content area displays three images: a coastal town, a canal, and a monument. A 'View' button is visible below the canal image. A source editor window is open, showing the XUL code for the template. The code includes a `<datasources>` element, a `<queryset>` element with a `<query>` element that defines a triple with subject `?photo` and predicate `http://purl.org/dc/elements/1.1/title` and object `Canal`. It also includes an `<action>` element for a button and another `<queryset>` element with a `<query>` element that defines a triple with subject `?photo` and predicate `http://purl.org/dc/elements/1.1/title` and object `Canal`. The code also includes an `<action>` element for an image.