

R2RML Test cases

August, 26th, 2010

General Test Cases

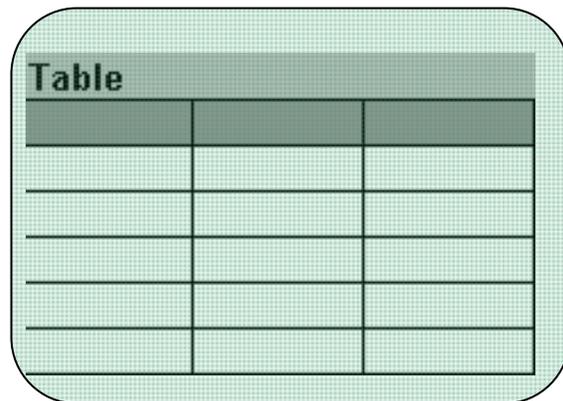
- Direct mapping
- Join/Union
- Projection
- Selection



Direct mapping

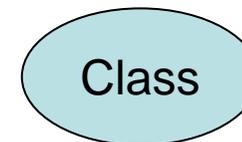
- A DB table directly maps a resource. Every record of the table will correspond to a resource/ontology class.

Database



A diagram of a database table represented as a rounded rectangle with a grid. The top row is shaded and labeled "Table". Below it are four rows of empty cells, each with three columns.

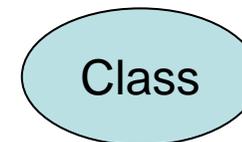
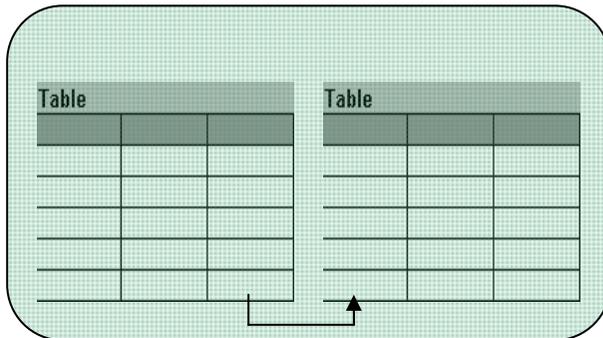
Table		



Join / Union

- A set of DB tables map a resource when they are joined. Every join record of the joined tables correspond to a particular resource/ontology class.

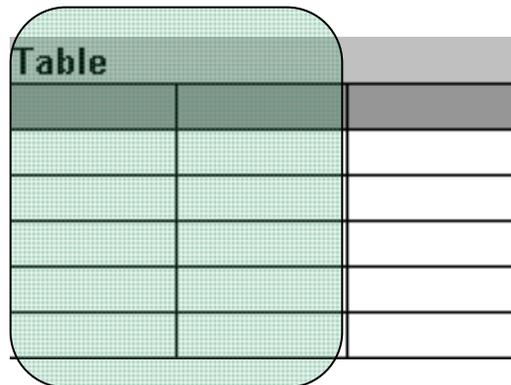
Database



Projection

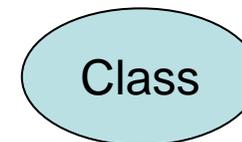
- A subset of the columns of a table is needed to map a resource/class in the ontology.

Database



The diagram shows a table with a header row labeled 'Table'. The table has two columns. The first column is highlighted with a light green background and rounded corners, representing the subset of columns used for projection. The second column is shaded gray. The table has five data rows.

Table	



Selection

- A subset of the rows of a table maps a resource/class.

Database

