

Web of Data: P2P Business domain translation of problem spaces. Semantic Business Integration (WIP draft)

© 2017. Sebastian Samaruga (ssamarug@gmail.com)

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Datasource interoperability

Translate any datasource to the following tabular roles:

Tabular roles: (Table, PK, Column, Value);

Statement roles: (Player, Occurrence, Attribute, Value);

Previous: metaclass.

Current: class.

Next: instance.

Aggregation: Same URIs parent / child of previous / next URIs.

Instance: current role URI / previous role aggregated URIs. Final: datatype / primitive. Example: age.

Kinds: current role same URIs / next role aggregated URIs. Example: Person.

Alignment roles: (Datatype / Primitive, Kind / Instance, Kind / Instance, Kind / Instance).

From 2 datasources the final datatype / primitive 'aligns' sources statements (1 and 2 different sources to be merged):

Alignment roles 1: (Human / Giuseppe, Grandparent / Phillip, Parent / Peter, Person / Joseph);

Alignment roles 1: (Human / Giuseppe, Grandparent2 / Phillip2, Parent2 / Peter2, Person2 / Joseph2);

Human / Giuseppe: should be in both sources as the value of the player role of the statement.