

@prefix rr: <<http://www.w3.org/ns/r2rml#>> .
@prefix rrf: <<http://kdeg.scss.tcd.ie/ns/rrf#>> .
@prefix db: <<http://dbpedia.org/ontology/>> .
@prefix rdfs: <<http://www.w3.org/2000/01/rdf-schema#>> .
@prefix ont: <<http://webprotege.stanford.edu/projectOntology#>> .
@prefix xsd: <<http://www.w3.org/2001/XMLSchema#>> .
@prefix csv: <<http://example.org/csv/>> .

<#TriplesMapTriplesMapsalary>

rr:logicalTable [

rr:tableName "salary";

];

rr:subjectMap [

rr:template "<http://www.example.org/salary/{COUNTY} {YEAR}>";

rr:class ont:Salaries;

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:SalaryValue;

];

rr:objectMap [

rr:column "SALARIES";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant db:Year;

];

rr:objectMap [

rr:column "YEAR";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:CountyName;

];

rr:objectMap [

rr:column "COUNTY";

];

];

.

@prefix db: <<http://dbpedia.org/ontology/>> .
@prefix rdfs: <<http://www.w3.org/2000/01/rdf-schema#>> .
@prefix ont: <<http://webprotege.stanford.edu/projectOntology#>> .
@prefix xsd: <<http://www.w3.org/2001/XMLSchema#>> .
@prefix csv: <<http://example.org/csv/>> .

<#TriplesMapTriplesMapHomeless>

rr:logicalTable [

rr:tableName "homelessness";

];

rr:subjectMap [

rr:template "http://www.example.org/homelessness/{COUNTY}_{YEAR}";

rr:class ont:Homelessness;

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:NumOfHomeless;

];

rr:objectMap [

rr:column "OVERALL";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant db:Year;

];

rr:objectMap [

rr:column "YEAR";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:CountyName;

];

rr:objectMap [

rr:column "COUNTY";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:NumMales;

];

```
rr:objectMap [  
  rr:column "MALE";  
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:NumFemales;  
  ];  
  
  rr:objectMap [  
    rr:column "FEMALE";  
  ];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:18to24;  
  ];  
  
  rr:objectMap [  
    rr:column "EIGHTEENTOTWENTYFOUR";  
  ];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:45to64;  
  ];  
  
  rr:objectMap [  
    rr:column "FOURTYFIVETOSIXTYFOUR";  
  ];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:25to44;  
  ];  
  
  rr:objectMap [  
    rr:column "TWENTYFIVETOFOURTYFOUR";  
  ];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:65plus;  
  ];  
  
  rr:objectMap [  
    rr:column "SIXTYFIVEPLUS";  
  ];
```

];

.

@prefix db: <<http://dbpedia.org/ontology/>> .

@prefix rdfs: <<http://www.w3.org/2000/01/rdf-schema#>> .

@prefix ont: <<http://webprotege.stanford.edu/projectOntology#>> .

@prefix xsd: <<http://www.w3.org/2001/XMLSchema#>> .

@prefix csv: <<http://example.org/csv/>> .

<#TriplesMapTriplesMapHousingPrices>

rr:logicalTable [

rr:tableName "housingPrices";

];

rr:subjectMap [

rr:template "<http://www.example.org/housingPrices/{COUNTY} {YEAR}>";

rr:class ont:HousingPrices;

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:MeanPrice;

];

rr:objectMap [

rr:column "MEANPRICE";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant db:Year;

];

rr:objectMap [

rr:column "YEAR";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:CountyName;

];

rr:objectMap [

rr:column "COUNTY";

];

];

rr:predicateObjectMap [

rr:predicateMap [

```
    rr:constant ont:SalesValue;  
];
```

```
    rr:objectMap [  
      rr:column "SALESVALUE";  
    ];
```

```
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:SalesVolume;  
  ];
```

```
    rr:objectMap [  
      rr:column "SALESVOLUME";  
    ];
```

```
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:HousingPricesType;  
  ];
```

```
    rr:objectMap [  
      rr:column "TYPE";  
    ];
```

```
];  
.
```

```
@prefix rr: <http://www.w3.org/ns/r2rml#> .  
@prefix rrf: <http://kdeg.scss.tcd.ie/ns/rrf#> .  
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .  
@prefix csv: <http://example.org/csv/> .  
@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .  
@prefix db: <http://dbpedia.org/ontology/> .  
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
```

```
<#TriplesMapTriplesMapcombined>
```

```
rr:logicalTable [  
  rr:tableName "combined";  
];
```

```
rr:subjectMap [  
  rr:template "http://www.example.org/weather/{COUNTY}_{YEAR}";  
  rr:class ont:Weather;  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:CountyName;
```

```
];

rr:objectMap [
  rr:column "COUNTY";
];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:NumOfWetDays;
  ];

  rr:objectMap [
    rr:column "WD";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:NumOfRainDays;
  ];

  rr:objectMap [
    rr:column "RD";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:AverageGreatestRainfall;
  ];

  rr:objectMap [
    rr:column "GDF";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:Rainfall;
  ];

  rr:objectMap [
    rr:column "RAIN";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];
];
```

```

    rr:objectMap [
      rr:column "YEAR";
    ];
  ];
.
@prefix rr: <http://www.w3.org/ns/r2rml#> .
@prefix rrf: <http://kdeg.scss.tcd.ie/ns/rrf#> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
@prefix db: <http://dbpedia.org/ontology/> .
@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .

<#TriplesMapTriplesMapCrimeAttemptedMurder>
rr:logicalTable [
  rr:tableName "crime_AttemptedMurder";
];

rr:subjectMap [
  rr:template "http://www.example.org/AttemptedMurder/{COUNTY}{YEAR}";
  rr:class ont:AttemptedMurder;
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];

  rr:objectMap [
    rr:column "COUNT";
  ];
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];

  rr:objectMap [
    rr:column "YEAR";
  ];
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:crime;
  ];
];

```

```

rr:objectMap [
  rr:column "CRIME";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

```

```

rr:objectMap [
  rr:column "COUNTY";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant foaf:test;
  ];

```

```

rr:objectMap [
  rr:template "value";
  rr:termType rr:Literal;
];
.

```

```

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .
@prefix db: <http://dbpedia.org/ontology/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

```

<#TriplesMapTriplesMapCrimeDriving>

```

rr:logicalTable [
  rr:tableName "crime_Driving";
];

```

```

rr:subjectMap [
  rr:template "http://www.example.org/Driving/{COUNTY}{YEAR}";
  rr:class foaf:Driving;
];

```

```

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];

```



```

];

rr:objectMap [
  rr:column "COUNT";
];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];

  rr:objectMap [
    rr:column "YEAR";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:crime;
  ];

  rr:objectMap [
    rr:column "CRIME";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

  rr:objectMap [
    rr:column "COUNTY";
  ];
];
.

```

```

@prefix db: <http://dbpedia.org/ontology/> .
@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

```

```

<#TriplesMapTriplesMapCrimeDrug>
rr:logicalTable [
  rr:tableName "crime_Drugs";
];

```

```
rr:subjectMap [  
  rr:template "http://www.example.org/Drug/{COUNTY}{YEAR}";  
  rr:class ont:Drug;  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:count;  
  ];  
];
```

```
  rr:objectMap [  
    rr:column "COUNT";  
  ];  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant db:Year;  
  ];  
];
```

```
  rr:objectMap [  
    rr:column "YEAR";  
  ];  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:crime;  
  ];  
];
```

```
  rr:objectMap [  
    rr:column "CRIME";  
  ];  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:county;  
  ];  
];
```

```
  rr:objectMap [  
    rr:column "COUNTY";  
  ];  
];
```

.

@prefix db: <http://dbpedia.org/ontology/> .

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .

@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .

```
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
```

```
<#TriplesMapTriplesMapCrimeHarm>
```

```
rr:logicalTable [
  rr:tableName "crime_Harm";
];

rr:subjectMap [
  rr:template "http://www.example.org/Harm/{COUNTY}{YEAR}";
  rr:class ont:Harm;
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];

  rr:objectMap [
    rr:column "COUNT";
  ];
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];

  rr:objectMap [
    rr:column "YEAR";
  ];
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:crime;
  ];

  rr:objectMap [
    rr:column "CRIME";
  ];
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];
```

```
rr:objectMap [  
  rr:column "COUNT";  
];  
];  
.
```

```
@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .  
@prefix db: <http://dbpedia.org/ontology/> .  
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .  
@prefix csv: <http://example.org/csv/> .  
@prefix foaf: <http://xmlns.com/foaf/0.1/> .  
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .  
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
```

```
<#TriplesMapTriplesMapCrimeKidnapping>
```

```
rr:logicalTable [  
  rr:tableName "crime_Kidnapping";  
];
```

```
rr:subjectMap [  
  rr:template "http://www.example.org/Kidnapping/{COUNTY}{YEAR}";  
  rr:class ont:Kidnapping;  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:count;  
  ];
```

```
  rr:objectMap [  
    rr:column "COUNT";  
  ];
```

```
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant db:Year;  
  ];
```

```
  rr:objectMap [  
    rr:column "YEAR";  
  ];
```

```
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:crime;  
  ];
```

```

rr:objectMap [
  rr:column "CRIME";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

```

```

rr:objectMap [
  rr:column "COUNTY";
];
.

```

```

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .
@prefix db: <http://dbpedia.org/ontology/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

```

<#TriplesMapTriplesMapCrimeMurderDeath>

```

rr:logicalTable [
  rr:tableName "crime_MurderDeath";
];

```

```

rr:subjectMap [
  rr:template "http://www.example.org/MurderDeath/{COUNTY}{YEAR}";
  rr:class ont:MurderDeath;
];

```

```

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];

```

```

rr:objectMap [
  rr:column "COUNT";
];

```

```

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];

```

```

rr:objectMap [
  rr:column "YEAR";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:crime;
  ];

  rr:objectMap [
    rr:column "CRIME";
  ];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

  rr:objectMap [
    rr:column "COUNTY";
  ];
];
.

```

```

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .
@prefix db: <http://dbpedia.org/ontology/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

```

<#TriplesMapTriplesMapCrimePropertyDamages>

```

rr:logicalTable [
  rr:tableName "crime_PropertyDamage";
];

rr:subjectMap [
  rr:template "http://www.example.org/PropertyDamages/{COUNTY}{YEAR}";
  rr:class ont:PropertyDamages;
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];
];

```

```

rr:objectMap [
  rr:column "COUNT";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];

```

```

rr:objectMap [
  rr:column "YEAR";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:crime;
  ];

```

```

rr:objectMap [
  rr:column "CRIME";
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

```

```

rr:objectMap [
  rr:column "COUNTY";
];

```

.

```

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .
@prefix db: <http://dbpedia.org/ontology/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

```

<#TriplesMapTriplesMapCrimeSexualOffences>

```

rr:logicalTable [
  rr:tableName "crime_SexualOffences";
];

```

```

rr:subjectMap [

```

```

rr:template "http://www.example.org/SexualOffences/{COUNTY}{YEAR}";
rr:class ont:SexualOffences;
];

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];

  rr:objectMap [
    rr:column "COUNT";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];

  rr:objectMap [
    rr:column "YEAR";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:crime;
  ];

  rr:objectMap [
    rr:column "CRIME";
  ];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

  rr:objectMap [
    rr:column "COUNTY";
  ];
];
.

```

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .

@prefix db: <http://dbpedia.org/ontology/> .

@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .

@prefix csv: <http://example.org/csv/> .

@prefix foaf: <http://xmlns.com/foaf/0.1/> .

@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .

@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

<#TriplesMapTriplesMapCrimeTheft>

rr:logicalTable [

rr:tableName "crime_Theft";

];

rr:subjectMap [

rr:template "http://www.example.org/Theft/{COUNTY}{YEAR}";

rr:class ont:Theft;

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:count;

];

rr:objectMap [

rr:column "COUNT";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant db:Year;

];

rr:objectMap [

rr:column "YEAR";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:crime;

];

rr:objectMap [

rr:column "CRIME";

];

];

rr:predicateObjectMap [

rr:predicateMap [

rr:constant ont:county;

];

rr:objectMap [

rr:column "COUNTY";

```
];  
];  
.
```

```
@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .  
@prefix db: <http://dbpedia.org/ontology/> .  
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .  
@prefix csv: <http://example.org/csv/> .  
@prefix foaf: <http://xmlns.com/foaf/0.1/> .  
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .  
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
```

```
<#TriplesMapTriplesMapCrimeTransport>
```

```
rr:logicalTable [  
  rr:tableName "crime_Transport";  
];
```

```
rr:subjectMap [  
  rr:template "http://www.example.org/Transport/{COUNTY}{YEAR}";  
  rr:class ont:Transport;  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:count;  
  ];
```

```
    rr:objectMap [  
      rr:column "COUNT";  
    ];  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant db:Year;  
  ];
```

```
    rr:objectMap [  
      rr:column "YEAR";  
    ];  
];
```

```
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:crime;  
  ];
```

```
    rr:objectMap [  
      rr:column "CRIME";
```

```

];
];
rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:county;
  ];

  rr:objectMap [
    rr:column "COUNTY";
  ];
];
.

```

```

@prefix ont: <http://webprotege.stanford.edu/projectOntology#> .
@prefix db: <http://dbpedia.org/ontology/> .
@prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
@prefix csv: <http://example.org/csv/> .
@prefix foaf: <http://xmlns.com/foaf/0.1/> .
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

```

```

<#TriplesMapTriplesMapCrimeWeapon>

```

```

rr:logicalTable [
  rr:tableName "crime_Weapon";
];

```

```

rr:subjectMap [
  rr:template "http://www.example.org/Weapon/{COUNTY}{YEAR}";
  rr:class ont:Weapon;
];

```

```

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant ont:count;
  ];
];

```

```

rr:objectMap [
  rr:column "COUNT";
];
];

```

```

rr:predicateObjectMap [
  rr:predicateMap [
    rr:constant db:Year;
  ];
];

```

```

rr:objectMap [
  rr:column "YEAR";
];

```

```
];  
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:crime;  
  ];  
  
  rr:objectMap [  
    rr:column "CRIME";  
  ];  
];  
rr:predicateObjectMap [  
  rr:predicateMap [  
    rr:constant ont:county;  
  ];  
  
  rr:objectMap [  
    rr:column "COUNTY";  
  ];  
];  
.
```