

## 20180802-EMPlaces-data-model-multisource.graffl

(resource types)

(resource types)

(resource types)

(resource types)

(one-to-one)

(one-to-many)

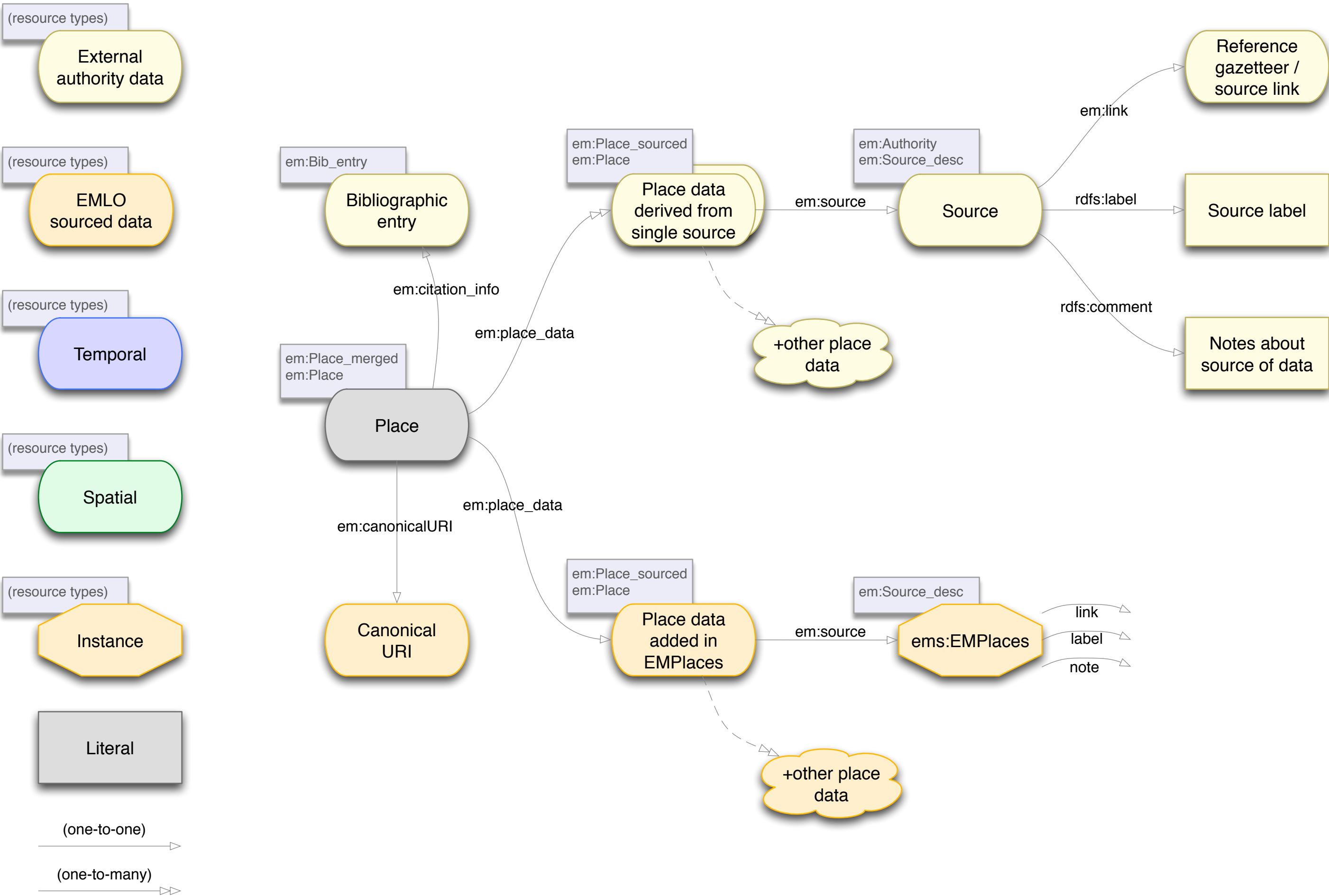
The diagram illustrates a semantic network for place-related data. The central node is **Place** (grey). It is connected to several other nodes:

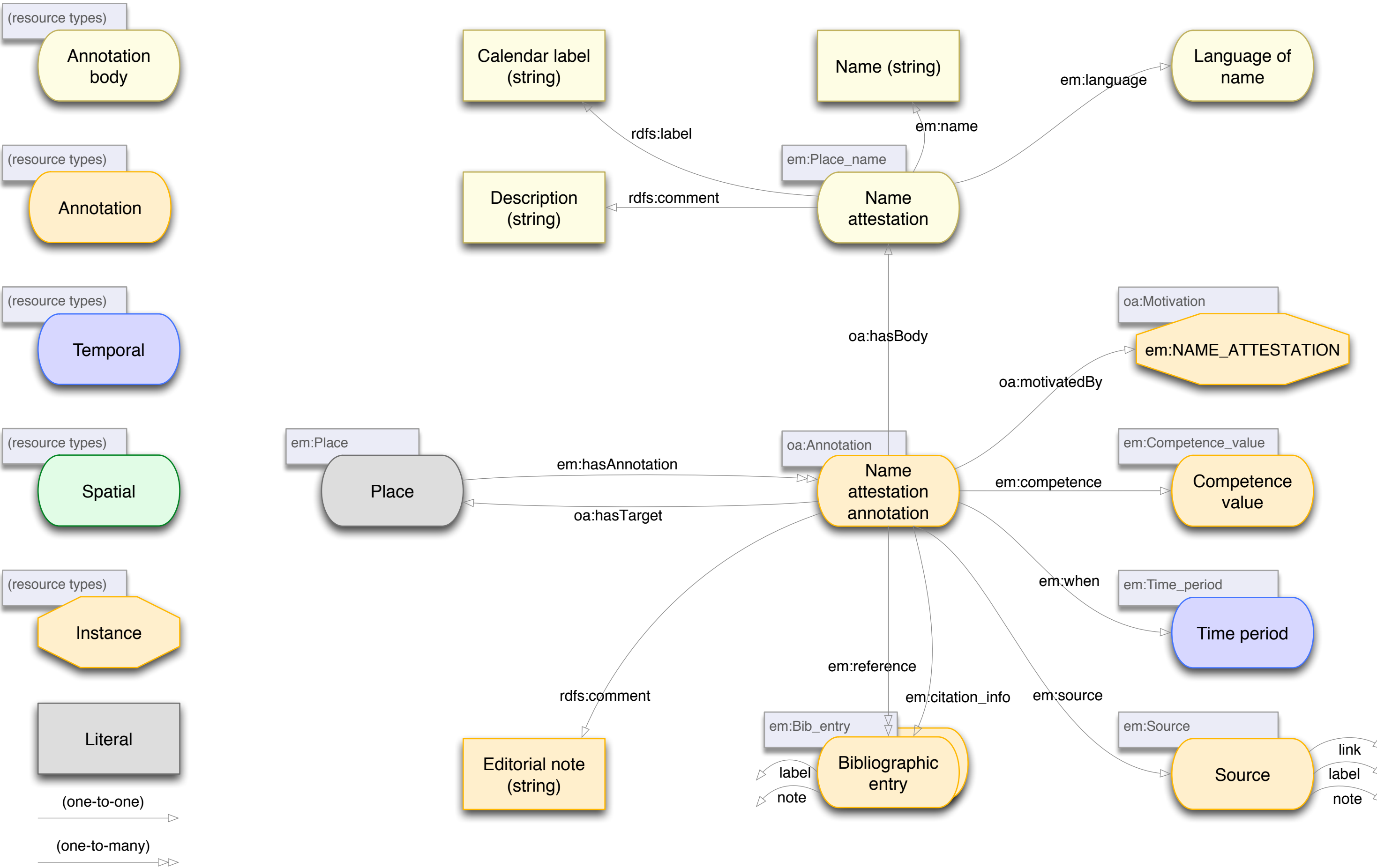
- Place category (e.g. admin)** (yellow): connected via `skos:broader` and `em:placeCategory`.
- Place type** (yellow): connected via `skos:broader` and `em:placeType`.
- Relation type** (orange): connected via `em:fromType` and `em:toType`.
- Qualified relation** (orange): connected via `em:hasRelation` and `em:relationTo`.
- Setting** (yellow): connected via `em:where`.
- Source** (yellow): connected via `em:source`.
- Annotation** (orange): connected via `em:hasAnnotation` and `oa:hasTarget`.
- Annotation body** (orange): connected via `oa:hasBody`.
- Annotation type** (orange): connected via `oa:motivatedBy`.
- Competence (e.g. uncertain, inferred)** (orange): connected via `em:competence`.
- Time period** (blue): connected via `em:when`.
- Location** (green): connected via `em:location`.
- Preferred name (string)** (yellow): connected via `em:preferredName`.
- Alternate name (string and language code)** (yellow): connected via `em:alternateName`.
- Canonical URI** (yellow): connected via `em:canonicalURI`.
- Description (initially derived from gazetteer)** (yellow): connected via `em:editorialNote`.
- Related resource** (yellow): connected via `em:relatedResource`.
- Bibliographic entry** (yellow): connected via `em:citation_info` and `em:reference`.

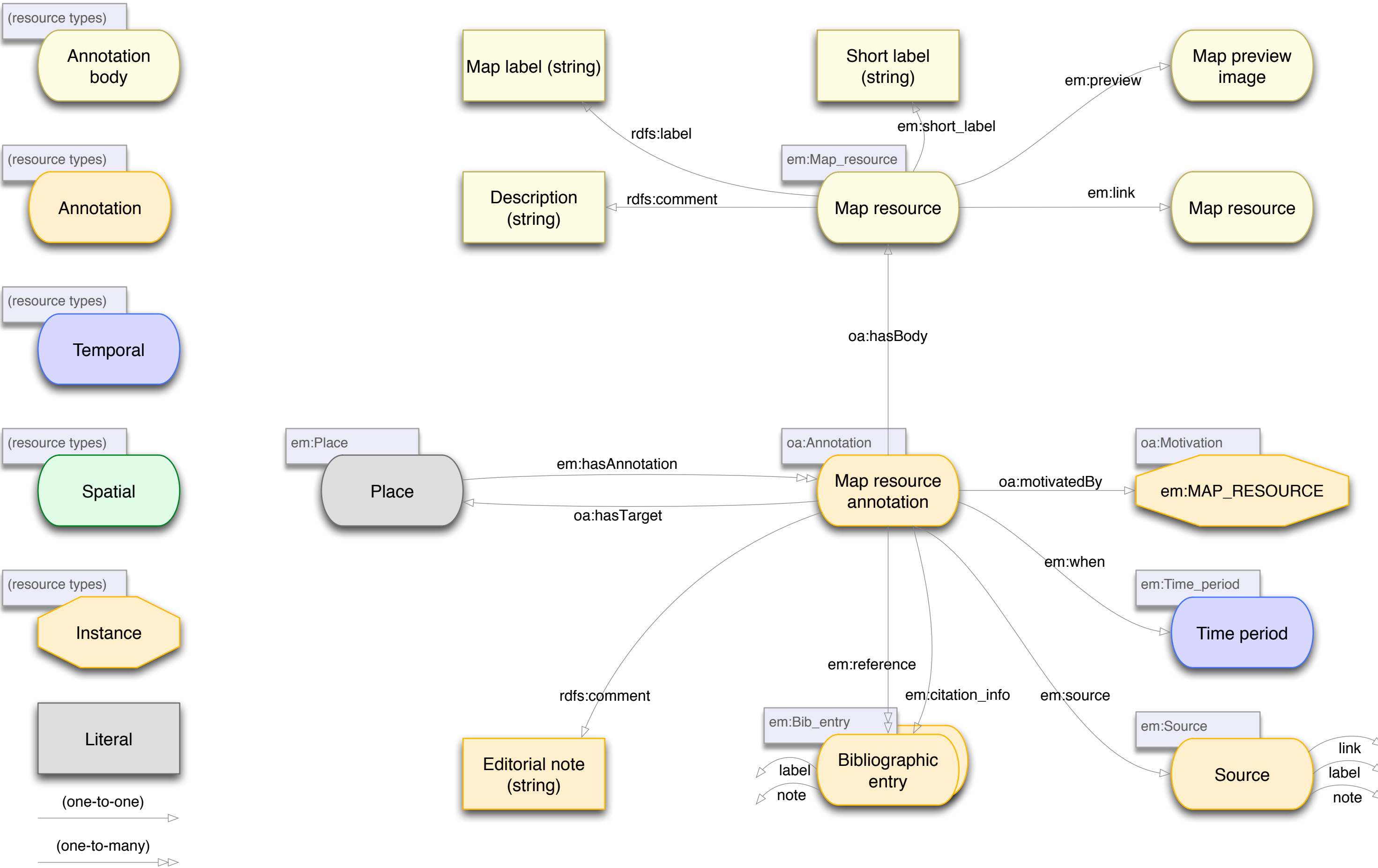
Each node is associated with specific properties (shown in light blue boxes):

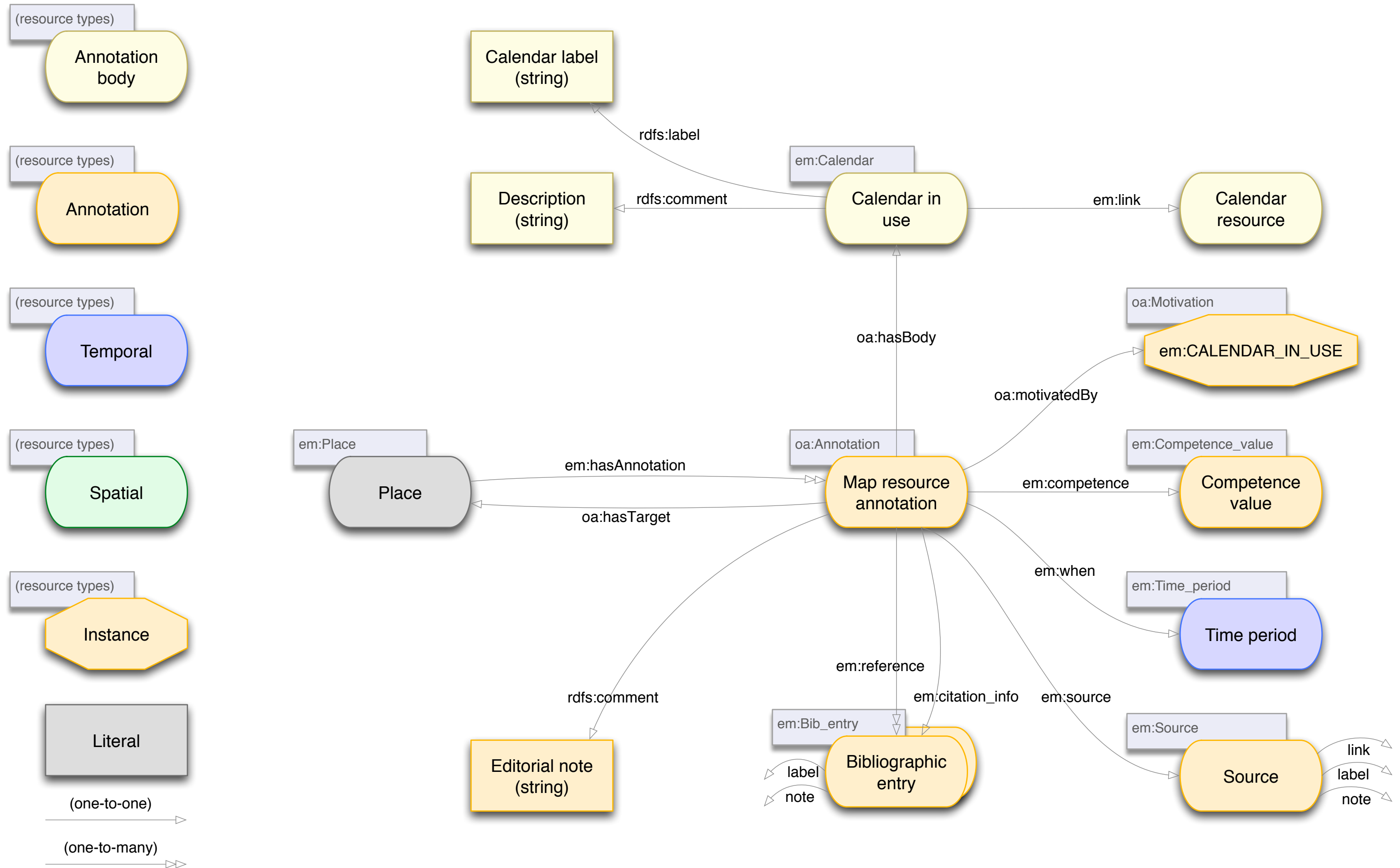
- Place category**: `skos:Concept`, `note`.
- Place type**: `skos:Concept`.
- Relation type**: `em:Relation_type`.
- Qualified relation**: `em:Qualified_relation`.
- Setting**: `em:Setting`.
- Source**: `em:Source_desc`.
- Annotation**: `oa:Annotation`.
- Annotation body**: `em:Bib_entry`, `label`, `note`.
- Annotation type**: `em:Annotation_type`.
- Competence**: `em:Competence`.
- Time period**: `em:Time_period`.
- Location**: `em:Location_value`.
- Preferred name**: `em:Preferred_name`.
- Alternate name**: `em:Alternate_name`.
- Canonical URI**: `em:Canonical_URI`.
- Description**: `em:Description`.
- Related resource**: `link`, `label`, `licence`.
- Bibliographic entry**: `em:Bib_entry`, `label`, `note`.

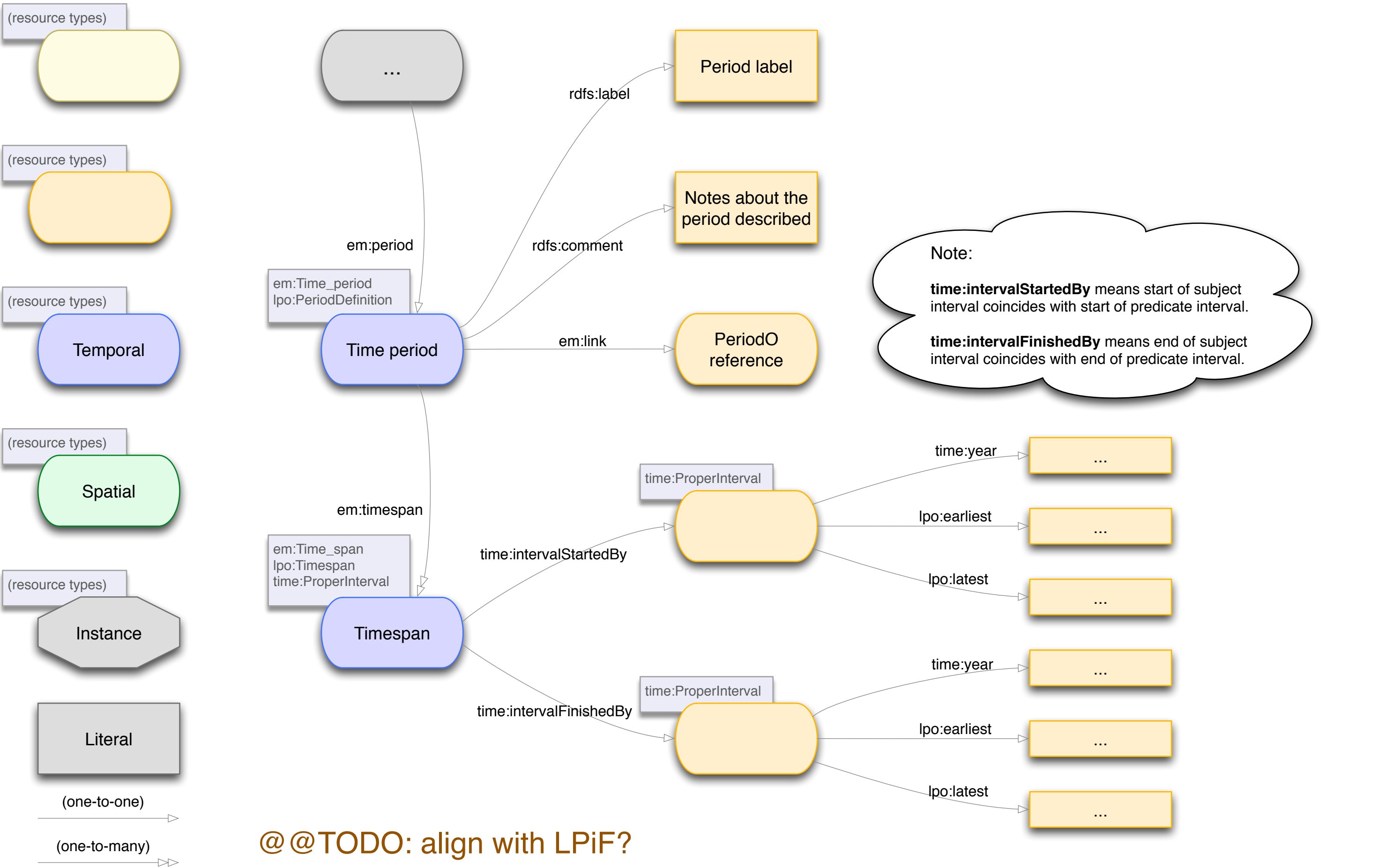
A cloud-shaped note on the right states: "The annotation type may be: - Alternate name attestation - Calendar in use - Map reference - Linkback - etc. The annotation body contains or references specific details."



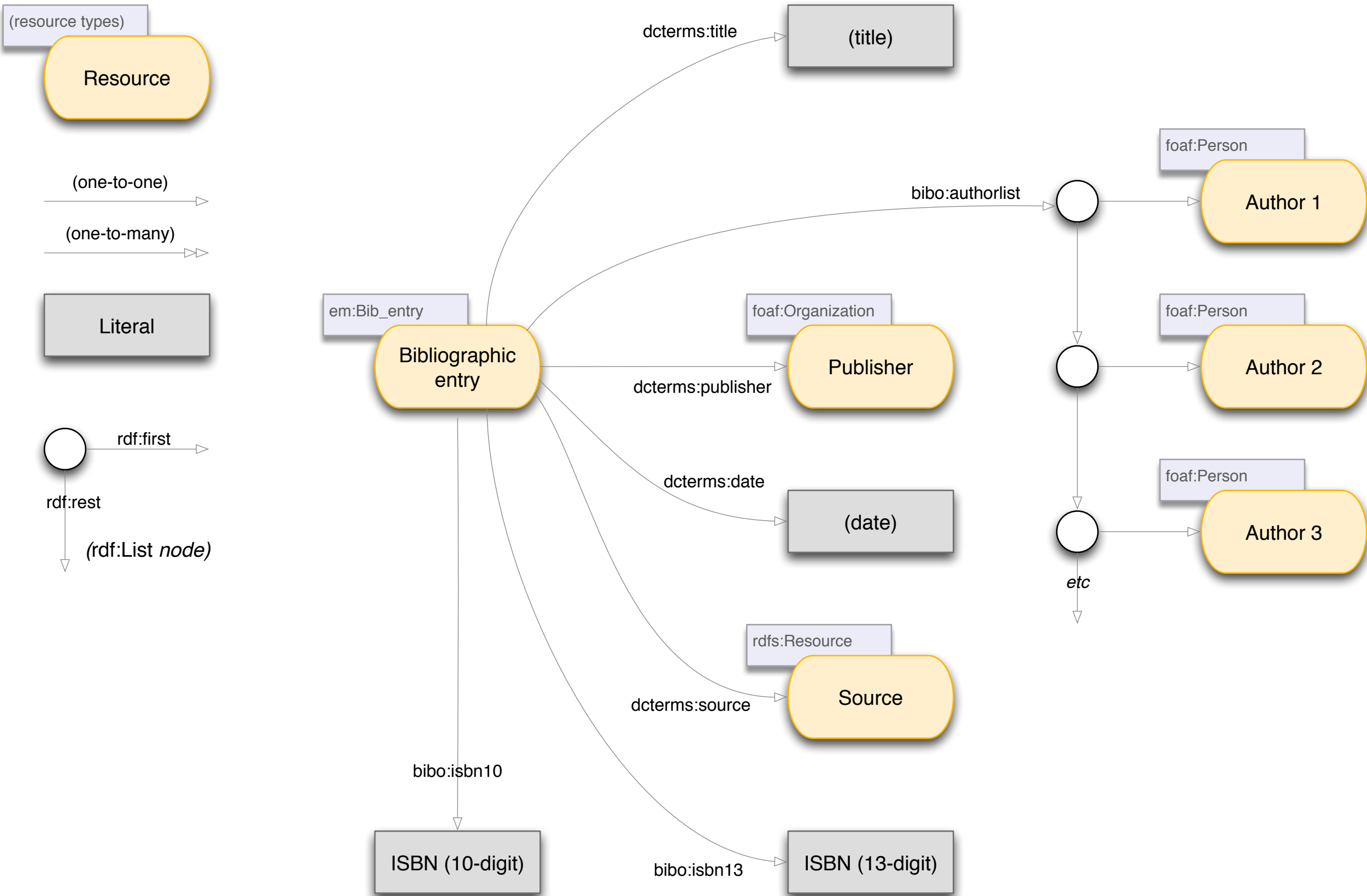


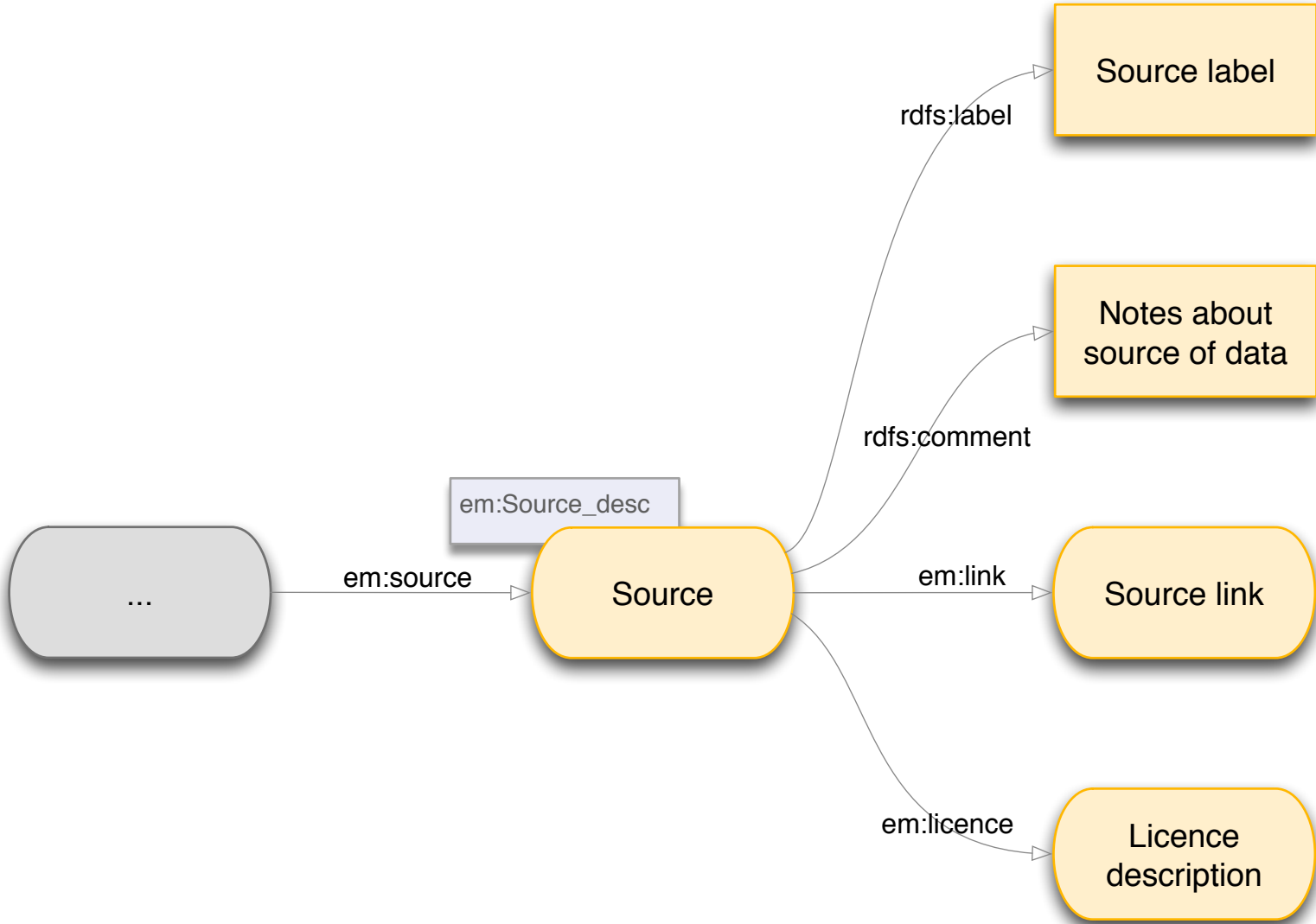
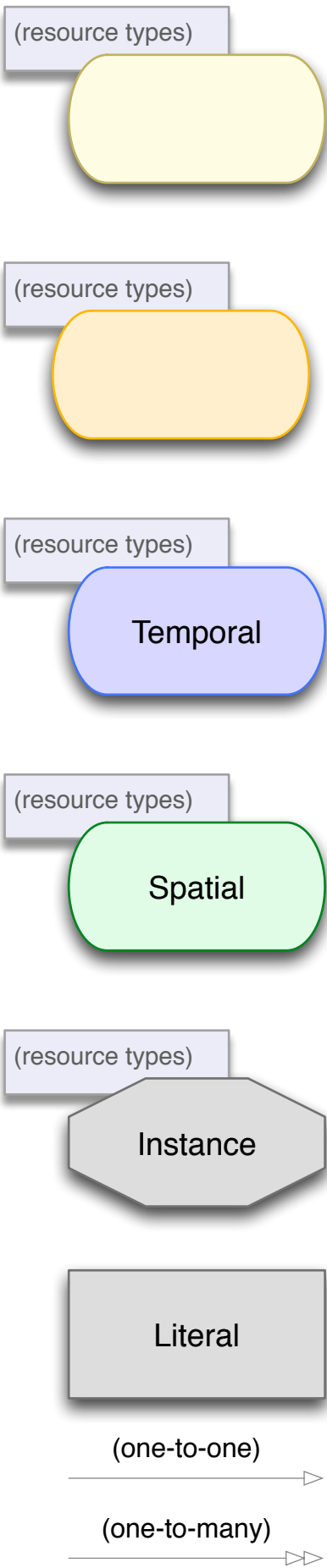












@ @TODO: add contributor provenance, use PROV terms?