

# Use Case 1.2 - Triples Examples

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## Expanding Use Case 1.1

The triples on this page expand the set of triples specified for [Use Case 1.1](#).

## Ontologies

The following is a list of all ontologies used by the Triple Examples.

Name	Prefix	URL	Details	Comments
RDF	rdf	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>	<a href="#">specification</a>	
RDF Schema	rdfs	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>	<a href="#">specification</a>	
Dublin Core	dc	<a href="http://purl.org/dc/elements/1.1/">http://purl.org/dc/elements/1.1/</a>	<a href="#">specification</a>	
Dublin Core Terms	dcterms	<a href="http://purl.org/dc/terms">http://purl.org/dc/terms</a>	<a href="#">specification</a>	Required by OA
Dublin Core Types	dctype	<a href="http://purl.org/dc/dcmitype">http://purl.org/dc/dcmitype</a>	<a href="#">specification</a>	Required by OA
Content	cnt	<a href="http://www.w3.org/2011/content#">http://www.w3.org/2011/content#</a>	<a href="#">specification</a>	Required by OA
ORE	ore	<a href="http://www.openarchives.org/ore/1.0/vocabulary#otherRelationships">http://www.openarchives.org/ore/1.0/vocabulary#otherRelationships</a>	<a href="#">specification</a>	Recommended as an alternative to the Collections ontology by Rob. Represents both ordered and unordered items using the Aggregation class.
Collections	co	<a href="http://purl.org/co">http://purl.org/co</a>	<a href="#">specification</a>	Can represent unordered items using the Bag class and ordered items using the List class.
Open Annotation	oa	<a href="http://www.w3.org/ns/oa">http://www.w3.org/ns/oa</a>	<a href="#">specification</a>	
Friend of a Friend	foaf	<a href="http://xmlns.com/foaf/0.1">http://xmlns.com/foaf/0.1</a>	<a href="#">specification</a>	Also used by OA

## Virtual Collections

### Virtual Collection's owner

| *Same as for Use Case 1.1.*

### Virtual Collection's collaborators

Note: The collaborators are represented by their group as dc:contributor in the Virtual Collection's metadata.

▼ [Expand to see n-triples...](#)

#### n-triples

```
<http://localhost:3000/individual/fg346> <http://www.w3.org/1999/02/22-
rdf-syntax-ns#type> <http://xmlns.com/foaf/0.1/Agent> .
<http://localhost:3000/individual/fg346> <http://www.w3.org/1999/02/22-
rdf-syntax-ns#type> <http://xmlns.com/foaf/0.1/Group> .

<http://vivo.cornell.edu/individual/individual24416> <http://www.w3.org
/1999/02/22-rdf-syntax-ns#type> <http://xmlns.com/foaf/0.1/Person> .
<http://vivo.cornell.edu/individual/individual24416> <http://xmlns.com
/foaf/0.1/member> <http://localhost:3000/individual/fg346> .
<http://vivo.cornell.edu/individual/rjv23> <http://www.w3.org/1999/02
/22-rdf-syntax-ns#type> <http://xmlns.com/foaf/0.1/Person> .
<http://vivo.cornell.edu/individual/rjv23> <http://xmlns.com/foaf/0.1
/member> <http://localhost:3000/individual/fg346> .
<http://vivo.cornell.edu/individual/EleanorRayle> <http://www.w3.org
/1999/02/22-rdf-syntax-ns#type> <http://xmlns.com/foaf/0.1/Person> .
<http://vivo.cornell.edu/individual/EleanorRayle> <http://xmlns.com/foaf
/0.1/member> <http://localhost:3000/individual/fg346> .
```

#### Turtle

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

<http://localhost:3000/individual/fg346> a foaf:Agent, foaf:Group .

<http://vivo.cornell.edu/individual/individual24416> a foaf:Person ;
  foaf:member <http://localhost:3000/individual/fg346> .
<http://vivo.cornell.edu/individual/rjv23> a foaf:Person ;
  foaf:member <http://localhost:3000/individual/fg346> .
<http://vivo.cornell.edu/individual/EleanorRayle> a foaf:Person ;
  foaf:member <http://localhost:3000/individual/fg346> .
```

### Virtual Collection's metadata

| *Same as for Use Case 1.1 plus triples representing collaborators.*

▼ [Expand to see n-triples...](#)

### n-triples

```
<http://localhost:3000/individual/vc155> <http://purl.org/dc/elements/1.1/contributor> <http://localhost:3000/individual/fg346> .
```

### Turtle

```
@prefix dc:      <http://purl.org/dc/elements/1.1/> .

<http://localhost:3000/individual/vc155>
  ...
  dc:contributor      <http://localhost:3000/individual/fg346> .
```

#### QUESTIONS:

- Should dc:contributor be used for collaborators role? Same question asked for dc:creator and ownership in Use Case 1.1. See that Use Case for more information on possible alternatives.
  - ANSWER: NO - per Paolo
  - REASON: Muddy concept. What exactly is the meaning of someone who is a contributor?
  - ALTERNATIVE: Under exploration. Paolo recommends looking at...
    - [PROV ontology](#) - provenance
    - [PAV ontology](#) - provenance, authoring, and versioning