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GoodRelations Language Reference

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Latest version: http://purl.org/goodrelations/v1 (http://purl.org/goodrelations/v1) (RDF/XML (http://purl.org/goodrelations/v1.owl), HTML (http://purl.org/goodrelations/v1.html))

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GoodRelations is a standardized vocabulary (also known as "schema", "data dictionary", or "ontology") for product, price, store, and company data that can (1) be embedded into existing static and dynamic Web pages and that (2) can be processed by other computers. This increases the visibility of your products and services in the latest generation of search engines, recommender systems, and other novel applications.

New: GoodRelations is now fully compatible with the HTML5 microdata (http://wiki.goodrelations-vocabulary.org/Microdata) specification and can be used as an e-commerce extension for the schema.org vocabulary. (http://wiki.goodrelations-vocabulary.org/GoodRelations_and_schema.org)

This document is the official specification. For examples, tools, and other developer resources, click on the menu items on top of this page.

1. Conceptual Overview

The goal of GoodRelations is to define a data structure for e-commerce that is

- **industry-neutral,** i.e. suited for consumer electronics, cars, tickets, real estate, labor, services, or any other type of goods,
- **valid across the different stages of the value chain,** i.e. from raw materials through retail to after-sales services, and
- **syntax-neutral,** i.e. it should work in microdata, RDFa, RDF/XML, Turtle, JSON, OData, GData, or any other popular syntax.

This is achieved by using just four entities for representing e-commerce scenarios:

1. An **agent** (e.g. a person or an organization),
2. An **object** (e.g. a camcorder, a house, a car,...) or service (e.g. a haircut),
3. A **promise** (offer) to transfer some rights (ownership, temporary usage, a certain license, ...) on the object or to provide the service for a certain compensation (e.g. an amount of money), made by the agent and related to the object or service, and

4. A **location** from which this offer is available (e.g. a store, a bus stop, a gas station,...).

This **Agent-Promise-Object Principle** can be found across most industries and is the foundation of the generic power of GoodRelations. It allows you to use the same vocabulary for offering a camcorder as for a manicure service or for the disposal of used cars.

The respective classes in GoodRelations are

- gr:BusinessEntity for the agent, i.e. the **company** or individual,
- gr:Offering for an **offer** to sell, repair, lease something, or to express interest in such an offer,
- gr:ProductOrService for the object or service, and
- gr:Location for a **store** or location from which the offer is available (in previous versions: gr:LocationOfSalesOrServiceProvisioning (http://purl.org/goodrelations/v1#LocationOfSalesOrServiceProvisioning)).

For a detailed introduction to the conceptual architecture, please see the GoodRelations User's Guide (http://wiki.goodrelations-vocabulary.org/Documentation)

2. Microdata Usage

Overview

GoodRelations is now a fully-fledged microdata (http://dev.w3.org/html5/md-LC/) vocabulary. For more details, see here (http://wiki.goodrelations-vocabulary.org/Microdata).

The main difference between using GoodRelations in microdata and in RDFa is that you **use just the local part of a property identifier** (e.g. **legalName** for http://purl.org/goodrelations/v1#**legalName** when inside the scope of a GoodRelations class as the type of a node.

When using a GoodRelations property within the scope of an external type (e.g. http://schema.org/Offer (http://schema.org/Offer)) or when using an externally defined property within the scope of a GoodRelations type, you must use the full URI (e.g. http://schema.org/telephone (http://schema.org/telephone)). Microdata does not support "compact" URIs (CURIES) in the form prefix:local_part (e.g gr:legalName (http://purl.org/goodrelations/v1#legalName)).

Example:

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
    Contact Details:
    Tel: <span itemprop="http://schema.org/telephone">+49-89-12345678-0</span>,
</div>
```

Microdata Processing Rules for GoodRelations

1. **itemid:** This vocabulary DOES support global identifiers for items (http://www.whatwg.org/specs/web-apps/current-work/multipage/microdata.html#support-global-identifiers-for-items). Global identifiers are optional on all items. Note that microdata requires that all items with a global identifier must have a type specified.
   Note 1: When GoodRelations is used in microdata syntax, URLs used with the itemid attribute are to be handled according to the WHATWG HTML5 rules (http://www.whatwg.org/specs/web-apps/current-work/multipage/urls.html#urls). If the itemid attribute is missing or if resolving it fails, the respective item will have no global identifier.
   Note 2: When GoodRelations markup is ported from RDFa to microdata syntax, itemid values holding an IRI or containing backslash characters may result in a different identifier than the equivalent resource from RDFa. This is only relevant if the identifier uses non-ASCII characters and if the same entity is referred to from both microdata and RDFa markup.
2. **Identity based on itemid:** Two items with the same itemid represent the same conceptual entity and must be merged by GoodRelations processors. Where two items with the same itemid have values for the same property, these must be merged if the property can take multiple values. If the property cannot take multiple values, the value for that property from the first item within the document must be used.
3. **References to itemid:** An itemprop property having an absolute or relative URL as its value is referring to the conceptual entity whose itemid resolves to this URL, same as if the entity was defined within the scope of this property.
   Example:

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Individual"
     itemid="#product">
  Weight: <div itemprop="weight" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValue">
      <span itemprop="hasValue">50</span> kg
      <meta itemprop="hasUnitOfMeasurement" content="KGM" >
  </div>
</div>
```

is equivalent to

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Individual"
     itemid="#product">
  Weight: <link itemprop="weight" href="#weight">
</div>


<div itemprop="weight" itemscope
     itemtype="http://purl.org/goodrelations/v1#QuantitativeValue" itemid="#weight">
     <span itemprop="hasValue">50</span> kg
     <meta itemprop="hasUnitOfMeasurement" content="KGM" >
</div>
```

4. **Dereferencable elements:** All GoodRelations types, properties, and individuals (e.g. predefined values) can be dereferenced via HTTP.
5. **Supported properties for types:** The rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain) property in this specification defines the GoodRelations types to which they can be applied.
6. **Allowed values for properties:** The rdfs:range (http://www.w3.org/2000/01/rdf-schema#range) property indicates the allowed content for GoodRelations properties in the form of either XSD types, RDF literals, or GoodRelations itemtypes.
7. **Implicit typing:** Where the range of a property is a single GoodRelations type, it is not required to specify this type explicitly as the itemtype within the microdata markup. Processors must treat the item as if the type were explicitly provided. However, it is good practice to provide the type explicitly and necessary if you want to assign a global identifier to the item.
8. **Full URIs for properties:** If the full URI for a GoodRelations property is provided on an item with a GoodRelations type, it is treated as equivalent to a property named with just the local part. If both are provided, the properties are combined and will have multiple values.
9. **Usage of GoodRelations types as secondary type information:** GoodRelations processors must recognize items that have the property http://www.w3.org/1999/02/22-rdf-syntax-ns#type (http://www.w3.org/1999/02/22-rdf-syntax-ns#type) with a value of a GoodRelations type, and treat these in the same way as if the type had been specified through the typeof attribute. However, in this case any GoodRelations properties must be specified using their full URI.
10. **Cardinality:** The cardinality recommendation for a property is defined in the form "propertyName (<min>..<max>)". This indicates the recommended range for the number of occurrences of this property for the same item. The following variants are used:
    (0..1): The property is optional and can be attached at most once to the same item.
    (0..*): The property is optional and can be attached multiple times to the same item.
    (1..1): The property is mandatory and should be attached exactly once to the same item.
    (1..*): The property is mandatory and can be attached multiple times to the same item.
    For more information, see here.
11. **Error handling:**
    - Unsupported properties shall be ignored while parsing, unless they have an absolute URL outside of the GoodRelations namespace, e.g. for using properties from external vocabularies.
    - If the type of the value isn't valid according to the range of the property, that value is ignored.
    - If a property has more values than permitted by its cardinality constraint (e.g. multiple values when it should have at most one value) then all values aside from the first provided must be ignored.
    - If a mandatory property is missing from an item, then the item is invalid and is to be ignored. If that item appears as the value for a property, then it is removed from that set of values.

Note to developers of RDF parsers for microdata:

1. If you parse GoodRelations data from microdata syntax in order to generate a RDF representation, the **URIs for all properties should be built by directly attaching the local part of a property** (e.g. legalName) **to the base URI of the vocabulary** (http://purl.org/goodrelations/v1#). So the URI of the legalName property from the example above should be http://purl.org/goodrelations/v1#legalName (http://purl.org/goodrelations/v1#legalName).
2. All GoodRelations **properties have global identifiers** within the vocabulary, even if they are applicable to multiple

types.
3. Multiple values should be represented by multiple triples with the same subject and predicate in RDF, not using an RDF collection.

3. Conventions

Prefix declarations

All examples assume the following prefix declarations:

Prefix	Base URI
foaf:	http://xmlns.com/foaf/0.1/
gr:	http://purl.org/goodrelations/v1#
s:	http://schema.org/
xsd:	http://www.w3.org/2001/XMLSchema#

Cardinality Recommendations

For properties, cardinality recommendations are given in the form "propertyName (0..*)".
This indicates the recommended range for the number of occurrences of this property for the same subject.

The following variants are used:

- (0..1): The property is optional and can be attached at most once to the same subject.
- (0..*): The property is optional and can be attached multiple times to the same subject.
- (1..1): The property is mandatory and should be attached exactly once to the same subject.
- (1..*): The property is mandatory and can be attached multiple times to the same subject.

Notes:

1. These cardinality recommendations are NOT modeled as OWL cardinality constraints, since the OWL formal semantics does not match the intended semantics.
2. There exist a few handy shortcuts for frequently used more complex GoodRelations patterns, like gr:includes (http://purl.org/goodrelations/v1#includes), gr:hasValueFloat (http://purl.org/goodrelations/v1#hasValueFloat), or gr:hasValueInteger (http://purl.org/goodrelations/v1#hasValueInteger). A GoodRelations-compliant RDF store will expand them to their long forms using the recommended rules (http://wiki.goodrelations-vocabulary.org/Axioms). For those properties, the cardinality recommendations for the long variant are authoritative. Those for the shortcuts will always be (0..1) or (0..*), because using the shortcuts is always optional. In other words, the cardinality constraints are meant to be checked on the basis of the expanded model.
3. For properties that can be applied to more than one class (i.e. such that use a complex class definition as the rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)), the cardinality recommendations are always (0..1) or (0..*), unless the property MUST be applied to instances of ALL possible classes. For example, gr:validThrough (http://purl.org/goodrelations/v1#validThrough) can be attached to gr:Offering (http://purl.org/goodrelations/v1#Offering) and gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification). For offerings, it is only recommended, but for unit prices, at least Google requires it.
4. Text properties, like gr:condition (http://purl.org/goodrelations/v1#condition), gr:description (http://purl.org/goodrelations/v1#description), and gr:legalName (http://purl.org/goodrelations/v1#legalName) can be attached multiple times to the same entity using language tags (e.g. "@en"). For those properties, the cardinality recommendation refers to the same language tag. So even if there may be multiple translations of gr:legalName (http://purl.org/goodrelations/v1#legalName), the cardinality recommendation is 0..1.

4. UML Class Diagram

The following UML class diagram illustrates the interplay between the GoodRelations language elements.
Please note that UML class diagrams are only approximations of OWL ontologies and microdata vocabularies.

(goodrelations-UML.png)

UML Class Diagram for the GoodRelations Ontology for E-Commerce (higher resolution: PNG (goodrelations-UML.png), PDF (goodrelations-UML.pdf))

5. Classes

- gr:Brand
- gr:BusinessEntity
- gr:BusinessEntityType
- gr:BusinessFunction
- gr:DayOfWeek
- gr:DeliveryChargeSpecification
- gr:DeliveryMethod
- gr:DeliveryModeParcelService
- gr:Individual
- gr:License
- gr:Location
- gr:Offering
- gr:OpeningHoursSpecification
- gr:PaymentChargeSpecification
- gr:PaymentMethod
- gr:PaymentMethodCreditCard
- gr:PriceSpecification
- gr:ProductOrService
- gr:ProductOrServiceModel
- gr:QualitativeValue
- gr:QuantitativeValue
- gr:QuantitativeValueFloat
- gr:QuantitativeValueInteger
- gr:SomeItems
- gr:TypeAndQuantityNode
- gr:UnitPriceSpecification
- gr:WarrantyPromise
- gr:WarrantyScope
- gr:ActualProductOrServiceInstance DEPRECATED
- gr:LocationOfSalesOrServiceProvisioning DEPRECATED
- gr:N-Ary-Relations DEPRECATED
- gr:ProductOrServicesSomeInstancesPlaceholder DEPRECATED

gr:Brand (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Brand&text=gr%3ABrand%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

(http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Brand&title=gr%3ABrand%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Brand&title=gr%3ABrand%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Brand&t=gr%3ABrand%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#Brand (http://purl.org/goodrelations/v1#Brand)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Brand

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A brand is the identity of a specific product, service, or business. Use foaf:logo (http://xmlns.com/foaf/0.1/logo) for attaching a brand logo and gr:name (http://purl.org/goodrelations/v1#name) or rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) for attaching the brand name.

(Source: Wikipedia, the free encyclopedia, see http://en.wikipedia.org/wiki/Brand (http://en.wikipedia.org/wiki/Brand))

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasBrand

Examples

```
<!-- on the individual brand description page: -->
<div itemscope itemtype="http://purl.org/goodrelations/v1#Brand" itemid="#brand">
  <h1 itemprop="name">Miller</h1>
  <div itemprop="description">Miller is the leading
brand for foldable TV Sets and canoes.</div>
  <link itemprop="http://xmlns.com/foaf/0.1/page" href="http://www.myshop.com/brands/mil
</div>

<!-- on the product item page: -->
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel"
     itemid="#product_data">
  <div itemprop="name">Foldable Canoe 1234</div>
  Brand: <a itemprop="hasBrand"
            href="http://www.myshop.com/brands/miller/#brand">Miller</a>
</div>
```

```
<!-- on the brand description page: -->
<div typeof="gr:Brand" about="#brand">
  <h1 property="gr:name">Miller</h1>
  <div property="gr:description">Miller is the leading brand for foldable TV Sets
and canoes.</div>
  <div rel="http://xmlns.com/foaf/0.1/page"
       resource="http://www.myshop.com/brands/miller/"></div>
</div>

<!-- on the product item page: -->
<div typeof="gr:ProductOrServiceModel" about="#product_data">
  <div property="gr:name">Foldable Canoe 1234</div>
  Brand: <a rel="gr:hasBrand" href="http://www.myshop.com/brands/miller/#brand">Miller</
</div>
```

```
brands:miller a gr:Brand;
    gr:name "Miller";
    gr:description "Miller is the leading brand for foldable TV Sets and canoes.";
    foaf:logo <http://www.myshop.com/images/miller.png>;
    foaf:page <http://www.myshop.com/brands/miller/> .

foo:product a gr:ProductOrServiceModel;
    gr:name "Foldable Canoe 1234";
    gr:hasBrand brands:miller .
```

gr:BusinessEntity (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessEntity&text=gr%3ABusinessEntity%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessEntity&title=gr%3ABusinessEntity%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessEntity&title=gr%3ABusinessEntity%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23BusinessEntity&t=gr%3ABusinessEntity%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Business entity

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

An instance of this class represents the legal agent making (or seeking) a particular offering. This can be a legal body or a person. A business entity has at least a primary mailing address and contact details. For this, typical address standards (vCard) and location data (geo, WGS84) can be attached. Note that the location of the business entity is not necessarily the location from which the product or service is being available (e.g. the branch or store). Use gr:Location (http://purl.org/goodrelations/v1#Location) for stores and branches.

Example: Siemens Austria AG, Volkswagen Ltd., Peter Miller's Cell phone Shop LLC

Compatibility with schema.org: This class is equivalent to the union of http://schema.org/Person (http://schema.org/Person) and http://schema.org/Organization (http://schema.org/Organization).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:description gr:hasBrand gr:hasDUNS gr:hasGlobalLocationNumber gr:hasISICv4 gr:hasNAICS gr:hasPOS gr:legalName gr:name gr:offers gr:owns gr:seeks gr:taxID gr:vatID
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasManufacturer

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/Postal
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
<!-- The following properties use full URIs because they are attached
     to a **GoodRelations type** but come from schema.org -->
    Tel: <span itemprop="http://schema.org/telephone">+49-89-12345678-0</span>,
    Fax: <span itemprop="http://schema.org/faxNumber">+49-89-12345678-99</span>,
    E-mail: <span itemprop="http://schema.org/email">contact@example.org</span>
    <link itemprop="http://schema.org/url" href="http://www.acme-bagels.com/" />
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">
    Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  Tel:<span property="s:telephone">+49-89-12345678-0</span>,
  Fax:<span property="s:faxNumber">+49-89-12345678-99</span>,
  E-mail: <span property="s:email">contact@example.org</span>
  <div rel="foaf:page" href="http://www.acme-bagels.com/"></div>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    s:telephone "+49-89-12345678-0";
    s:faxNumber "+49-89-12345678-99";
    s:email "contact@example.org".
```

gr:BusinessEntityType (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessEntityType&text=gr%3ABusinessEntityType%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessEntityType&title=gr%3ABusinessEntityType%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessEntityType&title=gr%3ABusinessEntityType%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23BusinessEntityType&t=gr%3ABusinessEntityType%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#BusinessEntityType (http://purl.org/goodrelations/v1#BusinessEntityType)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Business entity type

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A business entity type is a conceptual entity representing the legal form, the size, the main line of business, the position in the value chain, or any combination thereof, of a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity). From the ontological point of view, business entity types are mostly roles that a business entity has in the market. Business entity types are important for specifying eligible customers, since a gr:Offering (http://purl.org/goodrelations/v1#Offering) is often valid only for business entities of a certain size, legal structure, or role in the value chain.

Examples: Consumers, Retailers, Wholesalers, or Public Institutions

Predefined Individuals

- gr:Business
- gr:Enduser
- gr:PublicInstitution
- gr:Reseller

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:eligibleCustomerTypes

Examples

```
<!-- on the about page (or any other static page), we define the target audience types -
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntityType"
    itemprop="http://schema.org/name"
    itemid="http://acme.com/specials/#students">Students</h1>
...
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntityType"
    itemprop="http://schema.org/name"
    itemid="http://acme.com/specials/#military">Military Staff</h1>
...
<!-- on the offer page, indicate the eligible audience type -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Personal SCSI Controller Card</div>
  <div itemprop="description">The Hepp Personal SCSI is a 16-bit
add-on card that allows attaching up to seven SCSI devices to your computer.</div>

  <link itemprop="http://purl.org/goodrelations/v1#eligibleCustomerTypes"
        href="http://acme.com/specials/#students" />
  <link itemprop="http://purl.org/goodrelations/v1#eligibleCustomerTypes"
        href="http://acme.com/specials/#military" />
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the about page (or any other static page), we define the target audience types -
<div typeof="gr:BusinessEntityType" about="http://acme.com/specials/#students">
  <h1 property="rdfs:label">Students</h1>
...
</div>
<div typeof="gr:BusinessEntityType" about="http://acme.com/specials/#military">
  <h1 property="rdfs:label">Military Staff</h1>
...
</div>

<!-- on the offer page, indicate the eligible audience type -->
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">Hepp Personal SCSI Controller Card</div>
  <div property="gr:description">The Hepp Personal SCSI is a 16-bit
add-on card that allows attaching up to seven SCSI devices to your computer.</div>
  <div rel="gr:eligibleCustomerTypes" resource="http://acme.com/specials/#students"></di
  <div rel="gr:eligibleCustomerTypes" resource="http://acme.com/specials/#military"></di
<!-- other offer properties follow here -->
...
</div>
```

```
foo:Students a gr:BusinessEntityType;
    rdfs:label "Students (gr:BusinessEntityType)"@en.

foo:StudentOffer a gr:Offering;
    gr:name "ACME SCSI Controler for students: $ 99"@en;
    gr:description "Our special offer only for students: The ACME SCSI controller at $ 9
    gr:eligibleCustomerTypes foo:Students.
```

gr:BusinessFunction (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessFunction&text=gr%3ABusinessFunction%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessFunction&title=gr%3ABusinessFunction%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23BusinessFunction&title=gr%3ABusinessFunction%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23BusinessFunction&t=gr%3ABusinessFunction%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction)

rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Business function

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The business function specifies the type of activity or access (i.e., the bundle of rights) offered by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) on the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) through the gr:Offering (http://purl.org/goodrelations/v1#Offering). Typical are sell, rental or lease, maintenance or repair, manufacture / produce, recycle / dispose, engineering / construction, or installation.

Licenses and other proprietary specifications of access rights are also instances of this class.

Examples: A particular offering made by Miller Rentals Ltd. says that they (1) sell Volkswagen Golf convertibles, (2) lease out a particular Ford pick-up truck, and (3) dispose car wrecks of any make and model.

Predefined Individuals

- gr:ConstructionInstallation
- gr:Dispose
- gr:LeaseOut
- gr:Maintain
- gr:ProvideService
- gr:Repair
- gr:Sell
- gr:Buy

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasBusinessFunction

Subclasses

- gr:License

Discussions and Links

Examples

```
<!-- on the terms and conditions page, we define the rights offered on the good -->
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#License"
    itemprop="name"
    itemid="http://acme.com/legal/#imagelicense" itemref="licensetext">ACME Image License
<div id="licensetext" itemprop="description">...legal fineprint...</div>

<!-- on the offer page, indicate the scope of rights offered -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">1000 royalty-free images</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://acme.com/legal/#imagelicense" />
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the terms and conditions page, we define the rights offered on the good -->
<div typeof="gr:License" about="http://acme.com/legal/#imagelicense">
<h1 property="gr:name">ACME Image License</h1>
<div property="gr:description">...legal fineprint...</div>
</div>

<!-- on the offer page, indicate the scope of rights offered -->
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">1000 royalty-free images</div>
  <div rel="gr:hasBusinessFunction" href="http://acme.com/legal/#imagelicense" ></div>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:imageLicense a gr:License;
    rdfs:label "ACME Image License (gr:License)"@en .

foo:offer a gr:Offering;
    gr:hasBusinessFunction foo:imageLicense .
```

gr:DayOfWeek (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DayOfWeek&text=gr%3ADayOfWeek%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DayOfWeek&title=gr%3ADayOfWeek%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DayOfWeek&title=gr%3ADayOfWeek%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DayOfWeek&t=gr%3ADayOfWeek%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#DayOfWeek (http://purl.org/goodrelations/v1#DayOfWeek)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Day of week

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The day of the week, used to specify to which day the opening hours of a gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification) refer.

Examples: Monday, Tuesday, Wednesday,...

Predefined Individuals

- gr:Monday
- gr:Tuesday
- gr:Wednesday
- gr:Thursday
- gr:Friday
- gr:Saturday
- gr:Sunday
- gr:PublicHolidays

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:hasNext gr:hasPrevious gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasNext gr:hasOpeningHoursDayOfWeek gr:hasPrevious

Examples

```
Do not define new instances of this class for your application.
For examples of using the predefined individuals, see gr:hasOpeningHoursSpecification.
```

```
Do not define new instances of this class for your application.
For examples of using the predefined individuals, see gr:hasOpeningHoursSpecification.
```

```
# Do not define new instances of this class for your application.
# For examples of using the predefined individuals, see gr:hasOpeningHoursSpecification.
```

gr:DeliveryChargeSpecification (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryChargeSpecification&text=gr%3ADeliveryChargeSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryChargeSpecification&title=gr%3ADeliveryChargeSpecification%20element%20of%20the%20GoodRelations%20Vocabular Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryChargeSpecification&title=gr%3ADeliveryChargeSpecification%20element%20of%20the%20GoodRelations%20Vocabular

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryChargeSpecification&t=gr%3ADeliveryChargeSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%
Commerce)

URI http://purl.org/goodrelations/v1#DeliveryChargeSpecification (http://purl.org/goodrelations/v1#DeliveryChargeSpecification)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:PriceSpecification
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery charge specification

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A delivery charge specification is a conceptual entity that specifies the additional costs asked for the delivery of a given gr:Offering (http://purl.org/goodrelations/v1#Offering) using a particular gr:DeliveryMethod (http://purl.org/goodrelations/v1#DeliveryMethod) by the respective gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity). A delivery charge specification is characterized by (1) a monetary amount per order, specified as a literal value of type float in combination with a currency, (2) the delivery method, (3) the target country or region, and (4) whether this charge includes local sales taxes, namely VAT.
A gr:Offering (http://purl.org/goodrelations/v1#Offering) may be linked to multiple gr:DeliveryChargeSpecification (http://purl.org/goodrelations/v1#DeliveryChargeSpecification) nodes that specify alternative charges for disjoint combinations of target countries or regions, and delivery methods.

Examples: Delivery by direct download is free of charge worldwide, delivery by UPS to Germany is 10 Euros per order, delivery by mail within the US is 5 Euros per order.

The total amount of this charge is specified as a float value of the gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) property. The currency is specified via the gr:hasCurrency (http://purl.org/goodrelations/v1#hasCurrency) datatype property. Whether the price includes VAT or not is indicated by the gr:valueAddedTaxIncluded (http://purl.org/goodrelations/v1#valueAddedTaxIncluded) property. The gr:DeliveryMethod (http://purl.org/goodrelations/v1#DeliveryMethod) to which this charge applies is specified using the gr:appliesToDeliveryMethod (http://purl.org/goodrelations/v1#appliesToDeliveryMethod) object property. The region or regions to which this charge applies is specified using the gr:eligibleRegions (http://purl.org/goodrelations/v1#eligibleRegions) property, which uses ISO 3166-1 and ISO 3166-2 codes.

If the price can only be given as a range, use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) for the upper and lower bounds.

Important: When querying for the price, always use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:appliesToDeliveryMethod gr:description gr:eligibleRegions gr:eligibleTransactionVolume gr:hasCurrency gr:hasCurrencyValue gr:hasEligibleQuantity gr:hasMaxCurrencyValue gr:hasMinCurrencyValue gr:name gr:validFrom gr:validThrough gr:valueAddedTaxIncluded
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:eligibleTransactionVolume gr:hasPriceSpecification

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Personal SCSI Controller Card</div>
  <div itemprop="description">The Hepp Personal SCSI is a 16-bit add-on card that allows
attaching up to seven SCSI devices to your computer.</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
<!-- Unit price -->
  <div itemscope itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification"
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">Price:
    <meta itemprop="hasCurrency" content="EUR">Euro:
    <span itemprop="hasCurrencyValue">99.99</span>
    <time itemprop="validThrough"
          datetime="2012-11-30T23:59:59Z"></time>
  </div>
<!-- Shipment fees -->
  Delivery costs to
  <div itemscope itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification"
       itemtype="http://purl.org/goodrelations/v1#DeliveryChargeSpecification">
    <meta itemprop="eligibleRegions" content="DE">Germany:
    <meta itemprop="hasCurrency" content="EUR">Euro:
    <span itemprop="hasCurrencyValue">10.00</span>
    <link itemprop="appliesToDeliveryMethod"
          href="http://purl.org/goodrelations/v1#UPS" />(via UPS)
  </div>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" itemid="#offer">
  <div property="gr:name">Hepp Personal SCSI Controller Card</div>
  <div property="gr:description">The Hepp Personal SCSI is a 16-bit add-on card that
allows attaching up to seven SCSI devices to your computer.</div>
  <div rel="http://purl.org/goodrelations/v1#hasBusinessFunction"
        resource="http://purl.org/goodrelations/v1#Sell" ></div>
<!-- Unit price -->
  <div rel="http://purl.org/goodrelations/v1#hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">Price:
      <span property="gr:hasCurrency" content="EUR">Euro: </span>
      <span property="gr:hasCurrencyValue" datatype="xsd:float">99.99</span>
      <div property="gr:validThrough" datatype="xsd:dateTime"
           content="2012-11-30T23:59:59Z"></div>
    </div>
  </div>
<!-- Shipment fees -->
  <div rel="http://purl.org/goodrelations/v1#hasPriceSpecification">
    <div typeof="gr:DeliveryChargeSpecification">Delivery costs to
      <span property="gr:eligibleRegions" content="DE">Germany:</span>
      <span property="gr:hasCurrency" content="EUR">Euro: </span>
      <span property="gr:hasCurrencyValue" datatype="xsd:float">10.00</span>
      <div rel="gr:appliesToDeliveryMethod"
           resource="http://purl.org/goodrelations/v1#UPS"></div>
    </div>
  </div>
<!-- other offer properties follow here -->
...
</div>
```

Delivery by UPS to Germany is 10 Euros per order

```
foo:offer a gr:Offering;
    gr:name "Hepp Personal SCSI Controller Card"@en;
    gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                               gr:hasCurrency "EUR"^^xsd:string;
                               gr:hasCurrencyValue "99.99"^^xsd:float;
                               gr:validThrough "2012-11-30T23:59:59Z"^^xsd:dateTime ];
    gr:hasPriceSpecification [ a gr:DeliveryChargeSpecification;
                               gr:appliesToDeliveryMethod gr:UPS;
                               gr:hasCurrency "EUR"^^xsd:string;
                               gr:hasCurrencyValue "10"^^xsd:float;
                               gr:eligibleRegions "DE"^^xsd:string ] .
```

gr:DeliveryMethod (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryMethod&

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

text=gr%3ADeliveryMethod%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryMethod&title=gr%3ADeliveryMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryMethod&title=gr%3ADeliveryMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryMethod&t=gr%3ADeliveryMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#DeliveryMethod (http://purl.org/goodrelations/v1#DeliveryMethod)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery method

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A delivery method is a standardized procedure for transferring the product or service to the destination of fulfilment chosen by the customer. Delivery methods are characterized by the means of transportation used, and by the organization or group that is the contracting party for the sending gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) (this is important, since the contracted party may subcontract the fulfilment to smaller, regional businesses).

Examples: Delivery by mail, delivery by direct download, delivery by UPS

Predefined Individuals

- gr:DeliveryModeDirectDownload
- gr:DeliveryModeFreight
- gr:DeliveryModeMail
- gr:DeliveryModeOwnFleet
- gr:DeliveryModePickUp

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:appliesToDeliveryMethod gr:availableDeliveryMethods

Subclasses

- gr:DeliveryModeParcelService

  Predefined Individuals

  - gr:DHL
  - gr:FederalExpress
  - gr:UPS

Discussions and Links

Examples

```
<!-- on the delivery options (or any other static) page, we define the
     non-standard delivery method -->
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#DeliveryMethod"
    itemprop="http://schema.org/name"
    itemid="http://acme.com/delivery/#rentaltruck">Rent a Van</h1>
...

<!-- on the offer page, indicate this delivery option -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Dining Table</div>
  <div itemprop="description">This large dining table is perfect for up to 12 people.</d
  Delivery:
  <link itemprop="http://purl.org/goodrelations/v1#availableDeliveryMethods"
        href="http://purl.org/goodrelations/v1#DeliveryModePickUp" /> In-store pick-up
- or
  <a itemprop="http://purl.org/goodrelations/v1#availableDeliveryMethods"
        href="http://acme.com/delivery/#rentaltruck">rent one of our vans</a>
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the delivery options (or any other static) page, we define the
     non-standard delivery method -->
<div typeof="gr:DeliveryMethod" about="http://acme.com/delivery/#rentaltruck">
  <h1 property="gr:name">Rent a Van</h1>
</div>
...

<!-- on the offer page, indicate this delivery option -->
<div typeof="gr:Offering" itemid="#offer">
  <div property="gr:name">Hepp Dining Table</div>
  <div property="gr:description">This large dining table is perfect up to 12 people.
  </div>
  Delivery:
  <div rel="http://purl.org/goodrelations/v1#availableDeliveryMethods"
        resource="http://purl.org/goodrelations/v1#DeliveryModePickUp"></div> In-store p
 - or
  <a rel="http://purl.org/goodrelations/v1#availableDeliveryMethods"
        href="http://acme.com/delivery/#rentaltruck">rent one of our vans</a>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:RentalTruck a gr:DeliveryMethod;
    rdfs:label "Rental Truck (gr:DeliveryMethod)"@en;
    rdfs:label "Miettransporter"@de .

foo:offer a gr:Offering;
    gr:availableDeliveryMethods gr:DeliveryModePickUp, foo:RentalTruck .
```

gr:DeliveryModeParcelService (http://twitter.com (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeParcelService&text=gr%3ADeliveryModeParcelService%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeParcelService&title=gr%3ADeliveryModeParcelService%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeParcelService&title=gr%3ADeliveryModeParcelService%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryModeParcelService&t=gr%3ADeliveryModeParcelService%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce)

URI http://purl.org/goodrelations/v1#DeliveryModeParcelService (http://purl.org/goodrelations/v1#DeliveryModeParcelService)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:DeliveryMethod
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery mode parcel service

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A private parcel service as the delivery mode available for a certain offering.

Examples: UPS, DHL

Predefined Individuals

- gr:DHL
- gr:FederalExpress
- gr:UPS

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:appliesToDeliveryMethod gr:availableDeliveryMethods

Examples

```
<!-- on the delivery options (or any other static) page, we define the
     non-standard delivery method -->
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#DeliveryModeParcelService"
    itemprop="http://schema.org/name"
    itemid="http://acme.com/delivery/#hermes">Hermes Delivery</h1>
...

<!-- on the offer page, indicate this delivery option -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Technology Color TV</div>
  <div itemprop="description">This TV set is the ideal multimedia center for
your home</div>
  Delivery:
  <a itemprop="http://purl.org/goodrelations/v1#availableDeliveryMethods"
     href="http://acme.com/delivery/#hermes">Hermes</a>
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the delivery options (or any other static) page, we define the
     non-standard delivery method -->
<div typeof="gr:DeliveryModeParcelService" about="http://acme.com/delivery/#hermes">
  <h1 property="gr:name">Hermes Delivery</h1>
</div>
...

<!-- on the offer page, indicate this delivery option -->
<div typeof="gr:Offering" itemid="#offer">
  <div property="gr:name">Hepp Technology Color TV</div>
  <div property="gr:description">This TV set is the ideal multimedia center for
your home</div>
  Delivery:
  <a rel="http://purl.org/goodrelations/v1#availableDeliveryMethods"
        href="http://acme.com/delivery/#hermes">Hermes</a>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:Hermes a gr:DeliveryModeParcelService;
    rdfs:label "Hermes"@en .

foo:offer a gr:Offering;
    gr:availableDeliveryMethods foo:Hermes .
```

gr:Individual (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Individual&text=gr%3AIndividual%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Individual&title=gr%3AIndividual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

%2Fpurl.org%2Fgoodrelations%2Fv1%23Individual&title=gr%3AIndividual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Individual&t=gr%3AIndividual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#Individual (http://purl.org/goodrelations/v1#Individual)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:ProductOrService http://schema.org/Product (http://schema.org/Product)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Individual

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A gr:Individual (http://purl.org/goodrelations/v1#Individual) is an actual product or service instance, i.e., a single identifiable object or action that creates some increase in utility (in the economic sense) for the individual possessing or using this very object (product) or for the individual in whose favor this very action is being taken (service). Products or services are types of goods in the economic sense. For an overview of goods and commodities in economics, see Milgate (1987).

Examples: MyThinkpad T60, the pint of beer standing in front of me, my Volkswagen Golf, the haircut that I received or will be receiving at a given date and time.

Note 1: In many cases, product or service instances are not explicitly exposed on the Web but only claimed to exist (i.e. existentially quantified). In this case, use gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems).
Note 2: This class is the new, shorter form of the former gr:ActualProductOrServiceInstance (http://purl.org/goodrelations/v1#ActualProductOrServiceInstance).

Compatibility with schema.org: This class is a subclass of http://schema.org/Product (http://schema.org/Product).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:color gr:condition gr:datatypeProductOrServiceProperty gr:depth gr:description gr:hasBrand gr:hasEAN_UCC-13 gr:hasGTIN-14 gr:hasGTIN-8 gr:hasMPN gr:hasMakeAndModel gr:hasManufacturer gr:hasStockKeepingUnit gr:height gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:name gr:qualitativeProductOrServiceProperty gr:quantitativeProductOrServiceProperty gr:serialNumber gr:weight gr:width
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:includes gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:owns gr:typeOfGood

Examples

```
<!--E.g. on a used car listings page -->
<div itemscope itemtype="http://schema.org/Product" itemid="#product_data">
  <link itemprop="http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
        href="http://purl.org/goodrelations/v1#Individual" />
  <link itemprop="http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
        href="http://www.productontology.org/id/Automobile>" />
  <h2 itemprop="name">1973 Volkswagen Beetle</h2>
  <div itemprop="description">This car is simply unique
- it has been owned by Madonna and Bill Gates.</div>
<!-- for car-specific properties, check http://purl.org/vso/ns -->
</div>
```

```
<!--E.g. on a used car listings page -->
<div typeof="gr:Individual pto:Automobile" about="#product_data">
  <h2 property="gr:name">1973 Volkswagen Beetle</h2>
  <div property="gr:description">This car is simply unique
- it has been owned by Madonna and Bill Gates.</div>
<!-- for car-specific properties, check http://purl.org/vso/ns -->
</div>
```

```
foo:myVolkswagenBeetle a <http://www.productontology.org/id/Automobile>, gr:Individual;
    gr:name "1973 Volkswagen Beetle"@en;
    gr:description """This car is simply unique
- it has been owned by Madonna and Bill Gates."""@en .
```

gr:License (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23License&text=gr%3ALicense%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23License&title=gr%3ALicense%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23License&title=gr%3ALicense%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23License&t=gr%3ALicense%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#License (http://purl.org/goodrelations/v1#License)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:BusinessFunction
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) License

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A license is the specification of a bundle of rights that determines the type of activity or access offered by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) on the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) through the gr:Offering (http://purl.org/goodrelations/v1#Offering).

Licenses can be standardized (e.g. LPGL, Creative Commons, ...), vendor-specific, or individually defined for a single offer or product. Whether there is a fee for obtaining the license is specified using the gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification) attached to the gr:Offering (http://purl.org/goodrelations/v1#Offering). Use foaf:page (http://xmlns.com/foaf/0.1/page) for linking to a document containing the license, e.g. in PDF or HTML.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:eligibleDuration gr:eligibleRegions gr:name gr:validFrom gr:validThrough
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasBusinessFunction

Examples

```
<!-- on the terms and conditions page, we define the rights offered on the good -->
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#License"
    itemprop="name"
    itemid="http://acme.com/legal/#imagelicense" itemref="licensetext">ACME Image License
<div id="licensetext" itemprop="description">...legal fineprint...</div>

<!-- on the offer page, indicate the scope of rights offered -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">1000 royalty-free images</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://acme.com/legal/#imagelicense" />
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the terms and conditions page, we define the rights offered on the good -->
<div typeof="gr:License" about="http://acme.com/legal/#imagelicense">
<h1 property="gr:name">ACME Image License</h1>
<div property="gr:description">...legal fineprint...</div>
</div>

<!-- on the offer page, indicate the scope of rights offered -->
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">1000 royalty-free images</div>
  <div rel="gr:hasBusinessFunction" href="http://acme.com/legal/#imagelicense" ></div>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:imageLicense a gr:License;
    rdfs:label "ACME Image License (gr:License)"@en .

foo:offer a gr:Offering;
    gr:hasBusinessFunction foo:imageLicense .
```

gr:Location (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Location&text=gr%3ALocation%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Location&title=gr%3ALocation%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Location&title=gr%3ALocation%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Location&t=gr%3ALocation%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#Location (http://purl.org/goodrelations/v1#Location)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Location

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A location is a point or area of interest from which a particular product or service is available, e.g. a store, a bus stop, a gas station, or a ticket booth. The difference to gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) is that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) is the legal entity (e.g. a person or corporation) making the offer, while gr:Location (http://purl.org/goodrelations/v1#Location) is the store, office, or place. A chain restaurant will e.g. have one legal entity but multiple restaurant locations. Locations are characterized by an address or geographical position and a set of opening hour specifications for various days of the week.

Example: A rental car company may offer the Business Function Lease Out of cars from two locations, one in Fort Myers, Florida, and one in Boston, Massachussetts. Both stations are open 7:00 - 23:00 Mondays through Saturdays.

Note: Typical address standards (vcard) and location data (geo, WGC84) should be attached to a gr:Location (http://purl.org/goodrelations/v1#Location) node. Since there already exist established vocabularies for this, the GoodRelations ontology does not provide respective attributes. Instead, the use of respective vocabularies is recommended. However, the gr:hasGlobalLocationNumber (http://purl.org/goodrelations/v1#hasGlobalLocationNumber) property is provided for linking to public identifiers for business locations.

Compatibility with schema.org: This class is equivalent to http://schema.org/Place (http://schema.org/Place).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:description gr:hasGlobalLocationNumber gr:hasISICv4 gr:hasOpeningHoursSpecification gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:availableAtOrFrom gr:hasPOS

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Location" itemid="#store">
  <span itemprop="name">Hepp's Bagel Restaurant Munich</span>
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/Postal
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
    Tel: <span itemprop="http://schema.org/telephone">+49-89-12345678-0</span>
  <div itemprop="geo" itemscope itemtype="http://schema.org/GeoCoordinates">
    <meta itemprop="http://schema.org/latitude" content="45.75" >
    <meta itemprop="http://schema.org/longitude" content="49.98" >
  </div>
  <!-- add structured opening hours information with gr:hasOpeningHoursSpecification her
</div>
```

```
<div typeof="gr:Location" about="#store">
  <span property="gr:name">Hepp's Bagel Restaurant Munich</span>
  <div rel="s:address">
    <div typeof="s:PostalAddress">
      <span itemprop="s:streetAddress">Bagel Street 1234</span>
      <span itemprop="s:postalCode">12345</span>
      <span itemprop="s:addressLocality">Munich, Germany</span>
     </div>
  </div>
    Tel: <span property="s:telephone">+49-89-12345678-0</span>
  <div rel="geo">
    <div typeof="s:GeoCoordinates">
      <div property="s:latitude" content="45.75" ></div>
      <div property="s:longitude" content="49.98" ></div>
  </div>
  <!-- add structured opening hours information with gr:hasOpeningHoursSpecification her
</div>
```

```
foo:pos a gr:Location;
    gr:name "Hepp's Bagel Restaurant Munich - Bagel Street";
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    s:latitude 45.75;
    s:longitude 49.98;
    s:telephone "+49-89-12345678-0" .
# add structured opening hours information with gr:hasOpeningHoursSpecification here
```

gr:Offering (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Offering&text=gr%3AOffering%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Offering&title=gr%3AOffering%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Offering&title=gr%3AOffering%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Offering&t=gr%3AOffering%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#Offering (http://purl.org/goodrelations/v1#Offering)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Offering

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

An offering represents the public, not necessarily binding, not necessarily exclusive, announcement by a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) to provide (or seek) a certain gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) for a certain gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) to a specified target audience. An offering is specified by the type of product or service or bundle

it refers to, what business function is being offered (sales, rental, ...), and a set of commercial properties. It can either refer to
(1) a clearly specified instance (gr:Individual),
(2) to a set of anonymous instances of a given type (gr:SomeItems),
(3) a product model specification (gr:ProductOrServiceModel), see also section 3.3.3 of the GoodRelations Technical Report.

An offering may be constrained in terms of the eligible type of business partner, countries, quantities, and other commercial properties. The definition of the commercial properties, the type of product offered, and the business function are explained in other parts of this vocabulary in more detail.

Example: Peter Miller offers to repair TV sets made by Siemens, Volkswagen Innsbruck sells a particular instance of a Volkswagen Golf at $10,000.

Compatibility with schema.org: This class is a superclass to http://schema.org/Offer (http://schema.org/Offer), since gr:Offering (http://purl.org/goodrelations/v1#Offering) can also represent demand.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:acceptedPaymentMethods gr:addOn gr:advanceBookingRequirement gr:availabilityEnds gr:availabilityStarts gr:availableAtOrFrom gr:availableDeliveryMethods gr:category gr:condition gr:deliveryLeadTime gr:description gr:eligibleCustomerTypes gr:eligibleDuration gr:eligibleRegions gr:eligibleTransactionVolume gr:hasBusinessFunction gr:hasEAN_UCC-13 gr:hasEligibleQuantity gr:hasGTIN-14 gr:hasGTIN-8 gr:hasInventoryLevel gr:hasMPN gr:hasPriceSpecification gr:hasStockKeepingUnit gr:hasWarrantyPromise gr:includes gr:includesObject gr:name gr:serialNumber gr:validFrom gr:validThrough
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:addOn gr:offers gr:seeks

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Offering" itemid="#offer">
  <div itemprop="name">Hepp Personal SCSI Controller Card</div>
  <div itemprop="description">The Hepp Personal SCSI is a 16-bit
add-on card that allows attaching up to seven SCSI devices to your computer.</div>
  <link itemprop="hasBusinessFunction"
     href="http://purl.org/goodrelations/v1#Sell" />
  <div itemscope itemprop="hasPriceSpecification"
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">Price:
    <meta itemprop="hasCurrency" content="USD">$
    <span itemprop="hasCurrencyValue">99.99</span>
    <time itemprop="validThrough" datetime="2012-11-30T23:59:59Z"></time>
  </div>
  Condition: <div itemprop="condition">used</div>
  EAN/UPC: <span itemprop="hasEAN_UCC-13">1234567890123</span>
  MPN: <span itemprop="hasMPN">PSCSI</span>
  Article No. <span itemprop="hasStockKeepingUnit">123-456</span>
  Availability: <span itemscope itemprop="hasInventoryLevel"
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValue">
    <meta property="hasMinValue" content="1">In-stock
  </span>

  <div itemscope itemprop="http://schema.org/aggregateRating"
       itemtype="http://schema.org/AggregateRating">
   Rated <span itemprop="ratingValue">4.9</span>/5
   based on <span itemprop="reviewCount">99</span> customer reviews
  </div>

  <img itemprop="http://schema.org/image" src="http://example.com/images/pscsi.jpg"
       alt="text" />
  <link itemprop="http://xmlns.com/foaf/0.1/page" href="http://example.com/products/pscs
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">Hepp Personal SCSI Controller Card</div>
  <div property="gr:description">The Hepp Personal SCSI is a 16-bit add-on card that allo
attaching up to seven SCSI devices to your computer.</div>
  <div rel="gr:hasBusinessFunction"
     resource="http://purl.org/goodrelations/v1#Sell"></div>
  <div rel="gr:hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">Price:
     <span property="gr:hasCurrency" content="USD">$</span>
     <span property="gr:hasCurrencyValue" datatype="xsd:float">99.99</span>
     <div property="gr:validThrough" datatype="xsd:dateTime"
          content="2012-11-30T23:59:59Z"></div>
    </div>
  </div>
  Condition: <div property="gr:condition>used</div>
  EAN/UPC: <span property="gr:hasEAN_UCC-13 datatype="xsd:string">1234567890123</span>
  MPN: <span property="gr:hasMPN datatype="xsd:string">PSCSI</span>
  Article No. <span property="gr:hasStockKeepingUnit datatype="xsd:string">123-456</span>
  Availability: <div rel="gr:hasInventoryLevel">
       <div typeof="gr:QuantitativeValue">
         <div property="gr:hasMinValue" content="1" datatype="xsd:float">In-stock</div>
       </div>
  </div>

 <div rel="v:hasReview">
     <span typeof="v:Review-aggregate" about="#review_data">
   Average rating: <span property="v:rating" datatype="xsd:string">4.9</span>,
     based on <span property="v:count" datatype="xsd:string">99</span> reviews
     </span>
  </div>

  <div rel="foaf:depiction">
    <img src="http://example.com/images/pscsi.jpg" alt="text" />
  </div>
  <div rel="foaf:page" resource="http://example.com/products/pscsi"></div>
<!-- mind the rev (not rel) property in the following -->
    <div rev="gr:offers" resource="http://example.com/#company"></div>
</div>
```

```
foo:offer a gr:Offering;
     gr:name "Hepp Personal SCSI Controller Card";
     gr:description """The Hepp Personal SCSI is a 16-bit add-on card that allows
attaching up to seven SCSI devices to your computer.""";

     gr:hasBusinessFunction gr:Sell;
     gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                                gr:hasCurrency "USD"^^xsd:string;
                                gr:hasCurrencyValue "99.99"^^xsd:float;
                                gr:validThrough "2012-11-30T23:59:59"^^xsd:dateTime ];
     gr:condition "used";

     gr:hasEAN_UCC-13 "1234567890123"^^xsd:string;
     gr:hasMPN "PSCSI"^^xsd:string;
     gr:hasStockKeepingUnit "123-456"^^xsd:string;
     gr:hasInventoryLevel [ a gr:QuantitativeValue;
                            gr:hasMinValue "1"^^xsd:float ];

     s:aggregateRating [ a s:AggregateRating;
                         s:ratingValue "4.9"^^xsd:float;
                         s:reviewCount 99 ];

     foaf:depiction <http://example.com/images/pscsi.jpg>;
     foaf:page <http://example.com/products/pscsi> .
```

gr:OpeningHoursSpecification (http://twitter.com (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23OpeningHoursSpecification&text=gr%3AOpeningHoursSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23OpeningHoursSpecification&title=gr%3AOpeningHoursSpecification%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1%23OpeningHoursSpecification&title=gr%3AOpeningHoursSpecification%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23OpeningHoursSpecification&t=gr%3AOpeningHoursSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce)

URI http://purl.org/goodrelations/v1#OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Opening hours specification

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This is a conceptual entity that holds together all information about the opening hours on a given day (gr:DayOfWeek).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:closes gr:description gr:hasOpeningHoursDayOfWeek gr:name gr:opens gr:validFrom gr:validThrough
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasOpeningHoursSpecification

Examples

```
<div itemscope itemtype="http://schema.org/Place" itemid="#store">
  <link itemprop="http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
        href="http://purl.org/goodrelations/v1#Location" />
  <span itemprop="name">Hepp's Happy Burger Restaurant</span>
  <div itemprop="http://purl.org/goodrelations/v1#hasOpeningHoursSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#OpeningHoursSpecification">
Opening hours: Mo-Fri,
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Monday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Tuesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Wednesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Thursday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Friday" />
     <meta itemprop="opens" content="08:00:00">8:00 a.m. -
     <meta itemprop="closes" content="20:00:00">8:00 p.m.
  </div>
</div>
```

```
<div typeof="gr:Location" about="#store">
  <span property="gr:name">Hepp's Happy Burger Restaurant</span>
  <div rel="gr:hasOpeningHoursSpecification">
    <div typeof="gr:OpeningHoursSpecification"> Opening hours: Mo-Fri,
     <div rel="gr:hasOpeningHoursDayOfWeek"
          resource="http://purl.org/goodrelations/v1#Monday"></div>
     <div rel="gr:hasOpeningHoursDayOfWeek"
          resource="http://purl.org/goodrelations/v1#Tuesday"></div>
     <div rel="gr:hasOpeningHoursDayOfWeek"
          resource="http://purl.org/goodrelations/v1#Wednesday"></div>
     <div rel="gr:hasOpeningHoursDayOfWeek"
          resource="http://purl.org/goodrelations/v1#Thursday"></div>
     <div rel="gr:hasOpeningHoursDayOfWeek"
          resource="http://purl.org/goodrelations/v1#Friday"></div>
     <div property="gr:opens" content="08:00:00" datatype="xsd:time">8:00 a.m. - </div>
     <div property="gr:closes" content="20:00:00" datatype="xsd:time">8:00 p.m.</div>
    </div>
  </div>
</div>
```

```
foo:restaurant a gr:Location;
    gr:name "Hepp's Happy Burger Restaurant";
    gr:hasOpeningHoursSpecification
         [ a gr:OpeningHoursSpecification;
           gr:opens "08:00:00"^^xsd:time;
           gr:closes "20:00:00"^^xsd:time;
           gr:hasOpeningHoursDayOfWeek gr:Monday, gr:Tuesday, gr:Wednesday,
                                       gr:Thursday, gr:Friday ].
```

gr:PaymentChargeSpecification (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentChargeSpecification&text=gr%3APaymentChargeSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentChargeSpecification&title=gr%3APaymentChargeSpecification%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentChargeSpecification&title=gr%3APaymentChargeSpecification%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PaymentChargeSpecification&t=gr%3APaymentChargeSpecification%20element%20of%20the%20GoodRelations%20Vocabulary% Commerce)

URI http://purl.org/goodrelations/v1#PaymentChargeSpecification (http://purl.org/goodrelations/v1#PaymentChargeSpecification)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:PriceSpecification
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Payment charge specification

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A payment charge specification is a conceptual entity that specifies the additional costs asked for settling the payment after accepting a given gr:Offering (http://purl.org/goodrelations/v1#Offering) using a particular gr:PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod). A payment charge specification is characterized by (1) a monetary amount per order specified as a literal value of type float in combination with a Currency, (2) the payment method, and (3) a whether this charge includes local sales taxes, namely VAT.
A gr:Offering (http://purl.org/goodrelations/v1#Offering) may be linked to multiple payment charge specifications that specify alternative charges for various payment methods.

Examples: Payment by VISA or Mastercard costs a fee of 3 Euros including VAT, payment by bank transfer in advance is free of charge.

The total amount of this surcharge is specified as a float value of the gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) property. The currency is specified via the gr:hasCurrency (http://purl.org/goodrelations/v1#hasCurrency) datatype property. Whether the price includes VAT or not is indicated by the gr:valueAddedTaxIncluded (http://purl.org/goodrelations/v1#valueAddedTaxIncluded) datatype property. The gr:PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod) to which this charge applies is specified using the gr:appliesToPaymentMethod (http://purl.org/goodrelations/v1#appliesToPaymentMethod) object property.

If the price can only be given as a range, use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) for the upper and lower bounds.

Important: When querying for the price, always use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:appliesToPaymentMethod gr:description gr:eligibleTransactionVolume gr:hasCurrency gr:hasCurrencyValue gr:hasEligibleQuantity gr:hasMaxCurrencyValue gr:hasMinCurrencyValue gr:name gr:validFrom gr:validThrough

gr:valueAddedTaxIncluded
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:eligibleTransactionVolume gr:hasPriceSpecification

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Personal SCSI Controller Card</div>
  <div itemprop="description">The Hepp Personal SCSI is a 16-bit add-on card that
allows attaching up to seven SCSI devices to your computer.</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
<!-- Unit price -->
  <div itemscope itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification"
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">Price:
    <meta itemprop="hasCurrency" content="EUR">Euro:
    <span itemprop="hasCurrencyValue">99.99</span>
    <time itemprop="validThrough"
          datetime="2012-11-30T23:59:59Z"></time>
  </div>
<!-- Payment fees -->
  <div itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#PaymentChargeSpecification">Payment by
    <link itemprop="appliesToPaymentMethod"
          href="http://purl.org/goodrelations/v1#VISA" />VISA or
    <link itemprop="appliesToPaymentMethod"
          href="http://purl.org/goodrelations/v1#MasterCard" />MasterCard costs
    <span itemprop="hasCurrencyValue">3.00</span>
    <meta itemprop="hasCurrency" content="EUR">Euro.
  </div>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" itemid="#offer">
  <div property="gr:name">Hepp Personal SCSI Controller Card</div>
  <div property="gr:description">The Hepp Personal SCSI is a 16-bit add-on card that
allows attaching up to seven SCSI devices to your computer.</div>
  <div rel="http://purl.org/goodrelations/v1#hasBusinessFunction"
        resource="http://purl.org/goodrelations/v1#Sell" ></div>
<!-- Unit price -->
  <div rel="http://purl.org/goodrelations/v1#hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">Price:
      <span property="gr:hasCurrency" content="EUR">Euro: </span>
      <span property="gr:hasCurrencyValue" datatype="xsd:float">99.99</span>
      <div property="gr:validThrough" datatype="xsd:dateTime"
           content="2012-11-30T23:59:59Z"></div>
    </div>
  </div>
<!-- Payment fees -->
  <div rel="http://purl.org/goodrelations/v1#hasPriceSpecification">
    <div typeof="gr:PaymentChargeSpecification">Payment by
      <div rel="gr:appliesToPaymentMethod"
           resource="http://purl.org/goodrelations/v1#VISA">VISA or</div>
      <div rel="gr:appliesToPaymentMethod"
           resource="http://purl.org/goodrelations/v1#MasterCard">MasterCard costs</div>
      <span property="gr:hasCurrencyValue" datatype="xsd:float">3.00</span>
      <span property="gr:hasCurrency" content="EUR">Euro.</span>
    </div>
  </div>
<!-- other offer properties follow here -->
...
</div>
```

Payment by VISA or Mastercard costs a fee of 3 Euros

```
foo:offer a gr:Offering;
    gr:name "Hepp Personal SCSI Controller Card"@en;
    gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                               gr:hasCurrency "EUR"^^xsd:string;
                               gr:hasCurrencyValue "99.99"^^xsd:float;
                               gr:validThrough "2012-11-30T23:59:59Z"^^xsd:time ];
    gr:hasPriceSpecification [ a gr:PaymentChargeSpecification;
                               gr:hasCurrency "EUR"^^xsd:string;
                               gr:hasCurrencyValue "3"^^xsd:float;
                               gr:appliesToPaymentMethod gr:VISA, gr:MasterCard ] .
```

gr:PaymentMethod (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentMethod&text=gr%3APaymentMethod%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentMethod&title=gr%3APaymentMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentMethod&title=gr%3APaymentMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PaymentMethod&t=gr%3APaymentMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Payment method

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A payment method is a standardized procedure for transferring the monetary amount for a purchase. Payment methods are characterized by the legal and technical structures used, and by the organization or group carrying out the transaction. This element is mostly used for specifying the types of payment accepted by a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).

Examples: VISA, MasterCard, Diners, cash, or bank transfer in advance.

Predefined Individuals

- gr:ByBankTransferInAdvance
- gr:ByInvoice
- gr:Cash
- gr:CheckInAdvance
- gr:COD
- gr:DirectDebit
- gr:GoogleCheckout
- gr:PayPal
- gr:PaySwarm

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:acceptedPaymentMethods gr:appliesToPaymentMethod

Subclasses

- gr:PaymentMethodCreditCard

  Predefined Individuals

  - gr:AmericanExpress
  - gr:DinersClub
  - gr:Discover
  - gr:JCB

- gr:MasterCard
- gr:VISA

Discussions and Links

Examples

```
<!-- on the payment info (or any other static) page, we define the
     non-standard payment method -->
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#PaymentMethod"
    itemprop="http://schema.org/name"
    itemid="http://acme.com/payment/#giftcard">ACME Gift Card</h1>
...

<!-- on the offer page, indicate this payment option -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Technology Color TV</div>
  <div itemprop="description">This TV set is the ideal multimedia center
for your home</div>
  Payment:
  <a itemprop="http://purl.org/goodrelations/v1#acceptedPaymentMethods"
     href="http://acme.com/payment/#giftcard">ACME Gift Cards</a> or
  <link itemprop="http://purl.org/goodrelations/v1#acceptedPaymentMethods"
     href="http://purl.org/goodrelations/v1#Cash" />cash
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the payment info (or any other static) page, we define the
     non-standard payment method -->
<div typeof="gr:PaymentMethod" about="http://acme.com/payment/#giftcard">
  <h1 property="gr:name">ACME Gift Card</h1>
</div>
...

<!-- on the offer page, indicate this payment option -->
<div typeof="gr:Offering" itemid="#offer">
  <div property="gr:name">Hepp Technology Color TV</div>
  <div property="gr:description">This TV set is the ideal multimedia center
for your home</div>
  Delivery:
  <a rel="http://purl.org/goodrelations/v1#acceptedPaymentMethods"
        href="http://acme.com/payment/#giftcard">ACME Gift Cards</a> or
  <div rel="gr:acceptedPaymentMethods"
     resource="http://purl.org/goodrelations/v1#Cash">cash</div>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:GiftCard a gr:PaymentMethod;
    rdfs:label "ACME Gift Card (gr:PaymentMethod);"@en .

foo:offer a gr:Offering;
   gr:acceptedPaymentMethods foo:GiftCard, gr:VISA .
   # other offer properties go in here
```

gr:PaymentMethodCreditCard (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentMethodCreditCard&text=gr%3APaymentMethodCreditCard%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentMethodCreditCard&title=gr%3APaymentMethodCreditCard%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaymentMethodCreditCard&title=gr%3APaymentMethodCreditCard%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PaymentMethodCreditCard&t=gr%3APaymentMethodCreditCard%20element%20of%20the%20GoodRelations%20Vocabulary%2(

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

Commerce)

URI http://purl.org/goodrelations/v1#PaymentMethodCreditCard (http://purl.org/goodrelations/v1#PaymentMethodCreditCard)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:PaymentMethod
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Payment method credit card

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The subclass of gr:PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod) represents all variants and brands of credit or debit cards as a standardized procedure for transferring the monetary amount for a purchase. It is mostly used for specifying the types of payment accepted by a gr:Business (http://purl.org/goodrelations/v1#Business) Entity.

Examples: VISA, MasterCard, or American Express.

Predefined Individuals

- gr:AmericanExpress
- gr:DinersClub
- gr:Discover
- gr:JCB
- gr:MasterCard
- gr:VISA

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:acceptedPaymentMethods gr:appliesToPaymentMethod

Examples

```
<!-- on the payment info (or any other static) page, we define the
     non-standard credit card -->
<h1 itemscope itemtype="http://purl.org/goodrelations/v1#PaymentMethodCreditCard"
    itemprop="http://schema.org/name"
    itemid="http://acme.com/payment/#acmecard">ACME Group Credit Card</h1>
...

<!-- on the offer page, indicate this payment option -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Technology Color TV</div>
  <div itemprop="description">This TV set is the ideal multimedia center
for your home</div>
  Payment:
  <a itemprop="http://purl.org/goodrelations/v1#acceptedPaymentMethods"
     href="http://acme.com/payment/#acmecard">ACME Group Credit Card</a> or
  <link itemprop="http://purl.org/goodrelations/v1#acceptedPaymentMethods"
     href="http://purl.org/goodrelations/v1#VISA" />VISA
<!-- other offer properties follow here -->
...
</div>
```

```
<!-- on the payment info (or any other static) page, we define the
     non-standard credit card -->
<div typeof="gr:PaymentMethodCreditCard" about="http://acme.com/payment/#acmecard">
  <h1 property="gr:name">ACME Group Credit Card<</h1>
</div>
...

<!-- on the offer page, indicate this payment option -->
<div typeof="gr:Offering" itemid="#offer">
  <div property="gr:name">Hepp Technology Color TV</div>
  <div property="gr:description">This TV set is the ideal multimedia center
for your home</div>
  Delivery:
  <a rel="http://purl.org/goodrelations/v1#acceptedPaymentMethods"
        href="http://acme.com/payment/#acmecard">ACME Group Credit Card<</a> or
  <div rel="gr:acceptedPaymentMethods"
     resource="http://purl.org/goodrelations/v1#VISA">VISA</div>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:ACMECreditCard a gr:PaymentMethodCreditCard;
    rdfs:label "ACME Group Credit Card"@en.

foo:offer a gr:Offering;
   gr:acceptedPaymentMethods foo:ACMECreditCard, gr:VISA .
   # other offer properties go in here
```

gr:PriceSpecification (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PriceSpecification&text=gr%3APriceSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PriceSpecification&title=gr%3APriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20for%... Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PriceSpecification&title=gr%3APriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20for%... Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PriceSpecification&t=gr%3APriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E... Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Price specification

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The superclass of all price specifications.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:eligibleTransactionVolume gr:hasCurrency gr:hasCurrencyValue gr:hasEligibleQuantity gr:hasMaxCurrencyValue gr:hasMinCurrencyValue gr:name gr:validFrom gr:validThrough gr:valueAddedTaxIncluded
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:eligibleTransactionVolume gr:hasPriceSpecification

Subclasses

- gr:DeliveryChargeSpecification
- gr:PaymentChargeSpecification
- gr:UnitPriceSpecification

Discussions and Links

Examples

```
Do not use this abstract class directly; instead, use its subclasses:
* gr:DeliveryChargeSpecification
* gr:PaymentChargeSpecification
* gr:UnitPriceSpecification
```


```
Do not use this abstract class directly; instead, use its subclasses:
* gr:DeliveryChargeSpecification
* gr:PaymentChargeSpecification
* gr:UnitPriceSpecification
```


```
# Do not use this abstract class directly; instead, use its subclasses:
# * gr:DeliveryChargeSpecification
# * gr:PaymentChargeSpecification
# * gr:UnitPriceSpecification
```

gr:ProductOrService (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrService&text=gr%3AProductOrService%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrService&title=gr%3AProductOrService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrService&title=gr%3AProductOrService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ProductOrService&t=gr%3AProductOrService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#ProductOrService (http://purl.org/goodrelations/v1#ProductOrService)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Product or service

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The superclass of all classes describing products or services types, either by nature or purpose. Examples for such subclasses are "TV set", "vacuum cleaner", etc. An instance of this class can be either an actual product or service (gr:Individual), a placeholder instance for unknown instances of a mass-produced commodity (gr:SomeItems), or a model / prototype specification (gr:ProductOrServiceModel). When in doubt, use gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems).

Examples:
a) MyCellphone123, i.e. my personal, tangible cell phone (gr:Individual)
b) Siemens1234, i.e. the Siemens cell phone make and model 1234 (gr:ProductOrServiceModel)
c) dummyCellPhone123 as a placeholder for actual instances of a certain kind of cell phones (gr:SomeItems)

Note: Your first choice for specializations of gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) should be http://www.productontology.org (http://www.productontology.org).

Compatibility with schema.org: This class is (approximately) equivalent to http://schema.org/Product (http://schema.org/Product).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:color gr:condition gr:datatypeProductOrServiceProperty gr:depth gr:description gr:hasBrand gr:hasEAN_UCC-13 gr:hasGTIN-14 gr:hasGTIN-8 gr:hasMPN gr:hasManufacturer gr:hasStockKeepingUnit gr:height gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:name gr:qualitativeProductOrServiceProperty gr:quantitativeProductOrServiceProperty gr:weight gr:width
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:includes gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo

Subclasses

- gr:Individual
- gr:ProductOrServiceModel

- gr:SomeItems

Discussions and Links

Examples

```
<!-- on the product categories page of a shop, we define our types of products -->
<div itemscope itemtype="http://www.w3.org/2002/07/owl#Class"
     itemprop="http://www.w3.org/2000/01/rdf-schema#label"
     itemid="http://acme.com/categories/#tshirt">T-Shirts
  <link itemprop="http://www.w3.org/2000/01/rdf-schema#subClassOf"
        href="http://purl.org/goodrelations/v1#ProductOrService" />
</div>
... repeat this for each category

<!-- when describing the product, we add this as additional type information -->
<div itemscope itemtype="http://schema.org/Product" itemid="#product_data">
  <link itemprop="http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
        href="http://acme.com/categories/#tshirt" />
  <div itemprop="name">Blue Party T-Shirt</div>
  Color: <div itemprop="http://purl.org/goodrelations/v1#color">blue</div>
...
</div>
```

```
<!-- on the product categories page of a shop, we define our types of products -->
<div typeof="owl:Class" about="http://acme.com/categories/#tshirt">
   <div property="gr:name">T-Shirts</div>
   <div rel="rdfs:subClassOf" resource="http://purl.org/goodrelations/v1#ProductOrservic
</div>
... repeat this for each category

<!-- when describing the product, we add this as additional type information -->
<div typeof="gr:SomeItems" itemid="#product_data">
  <div rel="rdf:type" resource="http://acme.com/categories/#tshirt"></div>
  <div property="gr:name">Blue Party T-Shirt</div>
  Color: <div property="gr:color">blue</div>
...
</div>
```

This class is used only for defining new *types* of products or services for a particular domain

```
foo:TShirt a owl:Class;
    rdfs:subClassOf gr:ProductOrService;
    rdfs:label "T-Shirt (Category)"@en .

foo:myTShirt a foo:TShirt, gr:SomeItems;
    gr:name "Blue Party T-Shirt"@en;
    gr:color "blue"@en.
```

gr:ProductOrServiceModel (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrServiceModel&text=gr%3AProductOrServiceModel%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrServiceModel&title=gr%3AProductOrServiceModel%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrServiceModel&title=gr%3AProductOrServiceModel%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ProductOrServiceModel&t=gr%3AProductOrServiceModel%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:ProductOrService http://schema.org/Product (http://schema.org/Product)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Product or service model

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A product or service model is a intangible entity that specifies some characteristics of a group of similar, usually mass-produced products, in the sense of a prototype. In case of mass-produced products, there exists a relation gr:hasMakeAndModel (http://purl.org/goodrelations/v1#hasMakeAndModel) between the actual product or service (gr:Individual or gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems)) and the prototype (gr:ProductOrServiceModel). GoodRelations treats product or service models as "prototypes" instead of a completely separate kind of entities, because this allows using the same domain-specific properties (e.g. gr:weight (http://purl.org/goodrelations/v1#weight)) for describing makes and models and for describing actual products.

Examples: Ford T, Volkswagen Golf, Sony Ericsson W123 cell phone

Note: An actual product or service (gr:Individual) by default shares the features of its model (e.g. the weight). However, this requires non-standard reasoning. See http://wiki.goodrelations-vocabulary.org/Axioms (http://wiki.goodrelations-vocabulary.org/Axioms) for respective rule sets.

Compatibility with schema.org: This class is (approximately) a subclass of http://schema.org/Product (http://schema.org/Product).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:color gr:condition gr:datatypeProductOrServiceProperty gr:depth gr:description gr:hasBrand gr:hasEAN_UCC-13 gr:hasGTIN-14 gr:hasGTIN-8 gr:hasMPN gr:hasMakeAndModel gr:hasManufacturer gr:hasStockKeepingUnit gr:height gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:isVariantOf gr:name gr:predecessorOf gr:qualitativeProductOrServiceProperty gr:quantitativeProductOrServiceProperty gr:serialNumber gr:successorOf gr:weight gr:width
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasMakeAndModel gr:includes gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:isVariantOf gr:predecessorOf gr:successorOf

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel" itemid=
  <span itemprop="name">ACME Colorvision 123</span>
  <span itemprop="description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  EAN/UPC: <span itemprop="hasEAN_UCC-13">1234567890123</span>

  Width: <div itemprop="width" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValue">
      <span itemprop="hasValueFloat">102</span> cm
      <meta itemprop="hasUnitOfMeasurement" content="CMT" >
  </div>
  Height: <div itemprop="height" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValue">
      <span itemprop="hasValueFloat">60</span> cm
      <meta itemprop="hasUnitOfMeasurement" content="CMT" >
  </div>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Colorvision 123</span>
  <span property="gr:description">The ACME Colorvision 123 is the leading-edge color TV 
our company.</span>
  EAN/UPC: <span property="gr:hasEAN_UCC-13" datatype="xsd:string">1234567890123</span>

  Width: <div rel="gr:width">
    <div typeof="gr:QuantitativeValue">
      <span property="gr:hasValueFloat" datatype="xsd:float">102</span> cm
      <div property="gr:hasUnitOfMeasurement" content="CMT" ></div>
    </div>
  </div>
  Height: <div rel="gr:height">
    <div typeof="gr:QuantitativeValue">
      <span property="gr:hasValueFloat" datatype="xsd:float">60</span> cm
      <div property="gr:hasUnitOfMeasurement" content="CMT" ></div>
    </div>
  </div>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Colorvision 123"@en;
    gr:description "The ACME Colorvision 123 is the leading-edge color TV from our compa
    gr:hasEAN_UCC-13 "1234567890123"^^xsd:string;
    gr:width [ a gr:QuantitativeValue;
               gr:hasValueFloat "102.0"^^xsd:float;
               gr:hasUnitOfMeasurement "CMT"^^xsd:string ];
    gr:height [ a gr:QuantitativeValue;
               gr:hasValueFloat "60.0"^^xsd:float;
               gr:hasUnitOfMeasurement "CMT"^^xsd:string ].
```

gr:QualitativeValue (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QualitativeValue&text=gr%3AQualitativeValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QualitativeValue&title=gr%3AQualitativeValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QualitativeValue&title=gr%3AQualitativeValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23QualitativeValue&t=gr%3AQualitativeValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Qualitative value

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A qualitative value is a predefined value for a product characteristic.

Examples: the color "green" or the power cord plug type "US"; the garment sizes "S", "M", "L", and "XL".

Note: Value sets are supported by creating subclasses of this class. Ordinal relations between values (gr:greater, gr:lesser (http://purl.org/goodrelations/v1#lesser), ...) are provided directly by GoodRelations.

Compatibility with schema.org: This class is equivalent to http://schema.org/Enumeration (http://schema.org/Enumeration).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:equal gr:greater gr:greaterOrEqual gr:lesser gr:lesserOrEqual gr:name gr:nonEqual gr:valueReference
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:equal gr:greater gr:greaterOrEqual gr:lesser gr:lesserOrEqual gr:nonEqual gr:qualitativeProductOrServiceProperty

gr:valueReference

Examples

```
<!-- on the size chart page, define the value class ... -->
<div itemscope itemtype="http://www.w3.org/2002/07/owl#Class"
     itemprop="http://www.w3.org/2000/01/rdf-schema#label"
     itemid="#garment_sizes">Garment sizes
  <link itemprop="http://www.w3.org/2000/01/rdf-schema#subClassOf"
        href="http://purl.org/goodrelations/v1#QualitativeValue" />
</div>
<!-- ... and the individuals -->
<div itemscope itemtype="http://acme.org/sizechart/#garment_sizes"
     itemprop="http://www.w3.org/2000/01/rdf-schema#label" itemid="#M">M (Medium)
  <link itemprop="http://purl.org/goodrelations/v1#lesser" href="#L" />
</div>
<div itemscope itemtype="http://acme.org/sizechart/#garment_sizes"
     itemprop="http://www.w3.org/2000/01/rdf-schema#label" itemid="#L">L (Large)
  <link itemprop="http://purl.org/goodrelations/v1#greater" href="#M" />
</div>

<!-- on the product item page, use those values to describe the product -->
<div itemscope itemtype="http://schema.org/Product" itemid="#product_data">
  <span itemprop="name">Blue T-Shirt (Size M)</span>
  <span itemprop="description">As blue as can be</span>
  Size: <link itemprop="http://acme.org/vocabulary/#size"
             href="http://acme.org/sizechart/#M" />M
</div>
```

```
<!-- on the size chart page, define the value class ... -->
<div typeof="owl:Class" about="#garment_sizes">
  <div property="rdfs:label">Garment sizes</div>
  <div rel="rdfs:subClassOf"
       resource="http://purl.org/goodrelations/v1#QualitativeValue"></div>
</div>
<!-- ... and the individuals -->
<div typeof="http://acme.org/sizechart/#garment_sizes" about="#M">
  <div property="rdfs:label">M (Medium)</div>
  <div rel="gr:lesser" resource="#L"></div>
</div>
<div typeof="http://acme.org/sizechart/#garment_sizes" about="#L">
  <div property="rdfs:label">L (Large)</div>
  <div rel="gr:greater" resource="#M"></div>
</div>

<!-- on the product item page, use those values to describe the product -->
<div typeof="http://schema.org/Product" about="#product_data">
  <span property="gr:name">Blue T-Shirt (Size M)</span>
  <span itemprop="gr:description">As blue as can be</span>
  Size: <div rel="http://acme.org/vocabulary/#size"
            resource="http://acme.org/sizechart/#M">M</div>
</div>
```

```
foo:GarmentSize a owl:Class;
    rdfs:subClassOf gr:QualitativeValue;
    rdfs:label "Garment sizes (value class)".

foo:M a foo:GarmentSize;
    rdfs:label "M - Medium."@en;
    gr:lesser foo:L.

foo:L a foo:GarmentSize;
    rdfs:label "L - Large."@en;
    gr:greater foo:M.

foo:size a owl:ObjectProperty ;
   rdfs:subProperty of gr:qualitativeProductOrServiceProperty ;
   rdfs:range foo:GarmentSize ;
   rdfs:label "size (0..1)"@en .

foo:tshirt a gr:SomeItems;
    gr:name "Blue T-Shirt (Size M)"@en;
    gr:color "blue"@en;
    foo:size foo:M.
```

gr:QuantitativeValue (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValue&text=gr%3AQuantitativeValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValue&title=gr%3AQuantitativeValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValue&title=gr%3AQuantitativeValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23QuantitativeValue&t=gr%3AQuantitativeValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20ECommerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Quantitative value

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A quantitative value is a numerical interval that represents the range of a certain gr:quantitativeProductOrServiceProperty (http://purl.org/goodrelations/v1#quantitativeProductOrServiceProperty) in terms of the lower and upper bounds for a particular gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). It is to be interpreted in combination with the respective unit of measurement. Most quantitative values are intervals even if they are in practice often treated as a single point value.

Example: a weight between 10 and 25 kilogramms, a length between 10 and 15 milimeters.

Compatibility with schema.org: This class is equivalent to http://schema.org/Quantity (http://schema.org/Quantity).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:hasMaxValue gr:hasMinValue gr:hasUnitOfMeasurement gr:hasValue gr:name gr:valueReference
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:depth gr:eligibleDuration gr:hasEligibleQuantity gr:height gr:quantitativeProductOrServiceProperty gr:valueReference gr:weight gr:width

Subclasses

- gr:QuantitativeValueFloat
- gr:QuantitativeValueInteger

Discussions and Links

Examples

```
<div itemscope itemtype="http://schema.org/Product" itemid="#model">
  <span itemprop="name">ACME Electric Anvil</span>
...
  Weight: <div itemprop="http://purl.org/goodrelations/v1#weight" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValue">
      <span itemprop="hasValue">50</span> kg
      <meta itemprop="hasUnitOfMeasurement" content="KGM" >
  </div>
  Operating Voltage: <div itemprop="http://acme.org/vocab/#voltage" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValue">
      <span itemprop="hasMinValue">100</span>-
      <span itemprop="hasMaxValue">220</span> V
      <meta itemprop="hasUnitOfMeasurement" content="VLT" >
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Electric Anvil</span>
...
  Weight: <div rel="http://purl.org/goodrelations/v1#weight">
    <div typeof="gr:QuantitativeValue">
      <span property="gr:hasValue" datatype="xsd:float">50</span> kg
      <div property="gr:hasUnitOfMeasurement" content="KGM"></div>
    </div>
  </div>
 Operating Voltage: <div rel="http://acme.org/vocab/#voltage">
    <div typeof="gr:QuantitativeValue">
      <span property="gr:hasMinValue" datatype="xsd:int">100</span>-
      <span property="gr:hasMinValue" datatype="xsd:int">220</span> V
      <div property="gr:hasUnitOfMeasurement" content="VLT"></div>
    </div>
  </div>
</div>
```

This anvil weighs 50 kg and operates at between 100 and 220 volts

```
foo:product a gr:ProductOrServiceModel;
    gr:name "ACME Electric Anvil"@en;
    gr:weight [ a gr:QuantitativeValue;
                gr:hasUnitOfMeasurement "KGM"^^xsd:string;
                gr:hasValue "50"^^xsd:float ];
    foo:voltage [ a gr:QuantitativeValue;
                gr:hasUnitOfMeasurement "VLT"^^xsd:string;
                gr:hasMinValue "100"^^xsd:int;
                gr:hasMaxValue "220"^^xsd:int ].
```

gr:QuantitativeValueFloat (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValueFloat&text=gr%3AQuantitativeValueFloat%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValueFloat&title=gr%3AQuantitativeValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValueFloat&title=gr%3AQuantitativeValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23QuantitativeValueFloat&t=gr%3AQuantitativeValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#QuantitativeValueFloat (http://purl.org/goodrelations/v1#QuantitativeValueFloat)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:QuantitativeValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Quantitative value float

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

An instance of this class is an actual float value for a quantitative property of a product. This instance is usually characterized by a minimal value, a maximal value, and a unit of measurement.

Examples: The intervals "between 10.0 and 25.4 kilogramms" or "10.2 and 15.5 milimeters".

Compatibility with schema.org: This class is a subclass of http://schema.org/Quantity (http://schema.org/Quantity).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:hasMaxValue gr:hasMaxValueFloat gr:hasMinValue gr:hasMinValueFloat gr:hasUnitOfMeasurement gr:hasValue gr:hasValueFloat gr:name gr:valueReference
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:depth gr:eligibleDuration gr:hasEligibleQuantity gr:hasInventoryLevel gr:height gr:quantitativeProductOrServiceProperty gr:valueReference gr:weight gr:width

Examples

The ACME Electric Anvil is 0.15 m high

```
<div itemscope itemtype="http://schema.org/Product" itemid="#model">
  <span itemprop="name">ACME Electric Anvil</span>
...
  Height: <div itemprop="http://purl.org/goodrelations/v1#height" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValueFloat">
      <span itemprop="hasValue">0.15</span> m
      <meta itemprop="hasUnitOfMeasurement" content="MTR" >
  </div>
</div>
```

The ACME Electric Anvil is 0.15 m high

```
<div typeof=gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Electric Anvil</span>
...
  Height: <div rel="http://purl.org/goodrelations/v1#height">
    <div typeof="gr:QuantitativeValueFloat">
      <span property="gr:hasValue" datatype="xsd:float">0.15</span> m
      <div property="gr:hasUnitOfMeasurement" content="MTR"></div>
    </div>
  </div>
</div>
```

The ACME Electric Anvil is 0.15 m high

```
foo:product a gr:ProductOrServiceModel;
    gr:name "ACME Electric Anvil"@en;
    gr:height [ a gr:QuantitativeValueFloat;
                gr:hasUnitOfMeasurement "MTR"^^xsd:string;
                gr:hasValue "0.15"^^xsd:float ].
```

gr:QuantitativeValueInteger (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValueInteger&text=gr%3AQuantitativeValueInteger%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValueInteger&title=gr%3AQuantitativeValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23QuantitativeValueInteger&title=gr%3AQuantitativeValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23QuantitativeValueInteger&t=gr%3AQuantitativeValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20fCommerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:QuantitativeValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Quantitative value integer

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

An instance of this class is an actual integer value for a quantitative property of a product. This instance is usually characterized by a minimal value, a maximal value, and a unit of measurement.

Example: A seating capacity between 1 and 8 persons.

Note: Users must keep in mind that ranges in here mean that ALL possible values in this interval are covered. (Sometimes, the actual commitment may be less than that: "We sell cars from 2 - 12 seats" does often not really mean that they have cars with 2,3,4,...12 seats.). Someone renting out two types of rowing boats, one that fits for 1 or 2 people, and another that must be operated by 4 people cannot claim to rent boats with a seating capacity between 1 and 4 people. He or she is offering two boat types for 1-2 and 4 persons.

Compatibility with schema.org: This class is a subclass of http://schema.org/Quantity (http://schema.org/Quantity).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:hasMaxValue gr:hasMaxValueInteger gr:hasMinValue gr:hasMinValueInteger gr:hasUnitOfMeasurement gr:hasValue gr:hasValueInteger gr:name gr:valueReference
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:advanceBookingRequirement gr:deliveryLeadTime gr:depth gr:eligibleDuration gr:hasEligibleQuantity gr:height gr:quantitativeProductOrServiceProperty gr:valueReference gr:weight gr:width

Examples

This car has five doors

```
<div itemscope itemtype="http://schema.org/Product" itemid="#model">
  <link itemprop="http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
        href="http://purl.org/vso/ns#Automobile" />
  <span itemprop="name">ACME Electromobile</span>
...
  No. of doors: <div itemprop="http://purl.org/vso/ns#doors" itemscope
       itemtype="http://purl.org/goodrelations/v1#QuantitativeValueInteger">
      <span itemprop="hasValue">5</span>
      <meta itemprop="hasUnitOfMeasurement" content="C62" >
  </div>
</div>
```

This car has five doors

```
<div typeof=gr:ProductOrServiceModel vso:Automobile" about="#model">
  <span property="gr:name">ACME Electromobile</span>
...
  No. of doors: <div rel="http://purl.org/vso/ns#doors">
    <div typeof="gr:QuantitativeValueInteger">
      <span property="gr:hasValue" datatype="xsd:int">5</span>
      <div property="gr:hasUnitOfMeasurement" content="C62"></div>
    </div>
  </div>
</div>
```

This car has five doors

```
foo:product a vso:Automobile, gr:Individual;
    gr:name "ACME Electromobile"@en;
    vso:doors [ a gr:QuantitativeValueInteger;
                gr:hasUnitOfMeasurement "C62"^^xsd:string;
                gr:hasValue "5"^^xsd:int ].
```

gr:SomeItems (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23SomeItems&text=gr%3ASomeItems%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23SomeItems&title=gr%3ASomeItems%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23SomeItems&title=gr%3ASomeItems%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23SomeItems&t=gr%3ASomeItems%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#SomeItems (http://purl.org/goodrelations/v1#SomeItems)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:ProductOrService http://schema.org/Product (http://schema.org/Product)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Some items

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A placeholder instance for unknown instances of a mass-produced commodity. This is used as a computationally cheap work-around for such instances that are not individually exposed on the Web but just stated to exist (i.e., which are existentially quantified).

Example: An instance of this class can represent an anonymous set of green Siemens1234 phones. It is different from the gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel) Siemens1234, since this refers to the make and model, and it is different from a particular instance of this make and model (e.g. my individual phone) since the latter can be sold only once.

Note: This class is the new, shorter form of the former gr:ProductOrServicesSomeInstancesPlaceholder (http://purl.org/goodrelations/v1#ProductOrServicesSomeInstancesPlaceholder).

Compatibility with schema.org: This class is (approximately) a subclass of http://schema.org/Product (http://schema.org/Product).

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:color gr:condition gr:datatypeProductOrServiceProperty gr:depth gr:description gr:hasBrand gr:hasEAN_UCC-13 gr:hasGTIN-14 gr:hasGTIN-8 gr:hasInventoryLevel gr:hasMPN gr:hasMakeAndModel gr:hasManufacturer gr:hasStockKeepingUnit gr:height gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:name gr:qualitativeProductOrServiceProperty gr:quantitativeProductOrServiceProperty gr:serialNumber gr:weight gr:width
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:includes gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:typeOfGood

Examples

```
<div itemscope itemtype="http://schema.org/Product" itemid="#product>
  <link itemprop="http://www.w3.org/1999/02/22-rdf-syntax-ns#type"
        href="http://purl.org/goodrelations/v1#SomeItems" />
  <div itemprop="name">Canon Rebel T2i (EOS 550D)</div>
  <div itemprop="description">The Rebel T2i EOS 550D is Canon's latest digital SLR camera
  EAN: <span itemprop="http://purl.org/goodrelations/v1#hasEAN_UCC-13">9781906672799</spa
  <img itemprop="image" src="canon_rebel_t2i.jpg" alt="product image" />
  <link itemprop="http://xmlns.com/foaf/0.1/page" href="http://www.myshop.com/Canon_EOS"
</div>
```

```
<div typeof="gr:SomeItems" itemid="#product>
  <div property="gr:name">Canon Rebel T2i (EOS 550D)</div>
  <div property="gr:description">The Rebel T2i EOS 550D is Canon's latest digital SLR
camera.</div>
  EAN: <span property="gr:hasEAN_UCC-13">9781906672799</span>
  <div rel="foaf:depiction">
    <img src="canon_rebel_t2i.jpg" alt="product image" />
  </div>
  <div rel="foaf:page" href="http://www.myshop.com/Canon_EOS"></div>
</div>
```

Placerholder for multiple, new products

```
foo:offer a gr:Offering;
    gr:includes foo:product .

foo:product a gr:SomeItems;
    gr:name "Canon Rebel T2i (EOS 550D)"@en;
    gr:description "The Rebel T2i EOS 550D is Canon's latest digital SLR camera."@en;
    gr:hasEAN_UCC-13 "9781906672799"^^xsd:string;
    foaf:depiction <http://www.example.com/canon_rebel_t2i.jpg>;
    foaf:page <http://www.example.com/canon_rebel_t2i.html> .
```

gr:TypeAndQuantityNode (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23TypeAndQuantityNode&text=gr%3ATypeAndQuantityNode%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23TypeAndQuantityNode&

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

title=gr%3ATypeAndQuantityNode%20element%20of%20the%20GoodRelations%20Vocabulary%20f
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23TypeAndQuantityNode&
title=gr%3ATypeAndQuantityNode%20element%20of%20the%20GoodRelations%20Vocabulary%20f
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1.html%23TypeAndQuantityNode&
t=gr%3ATypeAndQuantityNode%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce)

URI http://purl.org/goodrelations/v1#TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Type and quantity node

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This class collates all the information about a gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) included in a bundle. If a gr:Offering (http://purl.org/goodrelations/v1#Offering) contains just one item, you can directly link from the gr:Offering (http://purl.org/goodrelations/v1#Offering) to the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) using gr:includes (http://purl.org/goodrelations/v1#includes). If the offering contains multiple items, use an instance of this class for each component to indicate the quantity, unit of measurement, and type of product, and link from the gr:Offering (http://purl.org/goodrelations/v1#Offering) via gr:includesObject (http://purl.org/goodrelations/v1#includesObject).

Example: An offering may include of 100g of Butter and 1 kg of potatoes, or 1 cell phone and 2 headsets.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:amountOfThisGood gr:description gr:hasBusinessFunction gr:hasUnitOfMeasurement gr:name gr:typeOfGood
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:includesObject

Examples

A bundle of a cell phone and two travel chargers

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer" >
  <span itemprop="name">Special offer: 1 cellphone + 2 travel chargers</span>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  <div itemprop="http://purl.org/goodrelations/v1#includesObject" itemref="p1"></div
  <div itemprop="http://purl.org/goodrelations/v1#includesObject" itemref="p2"></div
<div>

<div id="p1" itemscope itemtype="http://purl.org/goodrelations/v1#TypeAndQuantityNode">
  <meta itemprop="amountOfThisGood" content="1">
  <meta itemprop="hasUnitOfMeasurement" content="C62">
  <div itemprop="typeOfGood"
       itemscope itemtype="http://schema.org/Product" itemid="#cellphone">
    <span itemprop="name">ACME Cellphone BulkyTalky</span>
    EAN: <span itemprop="http://purl.org/goodrelations/v1#hasEAN_UCC-13">1234567890123</
  </div>
</div
<div id="p2" itemscope itemtype="http://purl.org/goodrelations/v1#TypeAndQuantityNode">
  <meta itemprop="amountOfThisGood" content="2">
  <meta itemprop="hasUnitOfMeasurement" content="C62">
  <div itemprop="typeOfGood"
       itemscope itemtype="http://schema.org/Product" itemid="#charger">
    <span itemprop="name">ACME Travelcharger</span>
    EAN: <span itemprop="http://purl.org/goodrelations/v1#hasEAN_UCC-13">2345678901234</
  </div>
</div>
```

```
<div typeof="gr:Offering" itemid="#offer" >
  <span property="gr:name">Special offer: 1 cellphone + 2 travel chargers</span>
  <div rel="gr:hasBusinessFunction" resource="http://purl.org/goodrelations/v1#Sell"></d:
  <div rel="gr:includesObject" resource="#p1"></div
  <div rel="gr:includesObject" resource="#p2"></div
<div>

<div typeof="gr:TypeAndQuantityNode" about="#p1">
  <div property="gr:amountOfThisGood" content="1" datatype="xsd:float"></div>
  <div property="gr:hasUnitOfMeasurement" content="C62" datatype="xsd:string"></div>
  <div rel="gr:typeOfGood">
    <div typeof="gr:SomeItems" about="#cellphone">
      <span property="gr:name">ACME Cellphone BulkyTalky</span>
      EAN: <span property=gr:hasEAN_UCC-13">1234567890123</span>
    </div>
  </div>
</div
<div typeof="gr:TypeAndQuantityNode" about="#p2">
  <div property="gr:amountOfThisGood" content="2" datatype="xsd:float"></div>
  <div property="gr:hasUnitOfMeasurement" content="C62" datatype="xsd:string"></div>
  <div rel="gr:typeOfGood">
    <div typeof="gr:SomeItems" about="#charger">
      <span property="gr:name">ACME Travelcharger</span>
      EAN: <span property=gr:hasEAN_UCC-13">2345678901234</span>
    </div>
  </div>
</div
```

A bundle of a cell phone and two travel chargers

```
foo:offer a gr:Offering;
    gr:hasBusinessFunction gr:Sell;
# ... other offer properties omitted for readability
    gr:includesObject [ a gr:TypeAndQuantityNode;
                        gr:amountOfThisGood "1"^^xsd:float;
                        gr:hasUnitOfMeasurement "C62"^^xsd:string;
                        gr:typeOfGood foo:cellphone ];
    gr:includesObject [ a gr:TypeAndQuantityNode;
                        gr:amountOfThisGood "2"^^xsd:float;
                        gr:hasUnitOfMeasurement "C62"^^xsd:string;
                        gr:typeOfGood foo:charger ] .

foo:cellphone a gr:SomeItems;
    gr:name "ACME Cellphone BulkyTalky"@en;
    gr:hasEAN_UCC-13 "1234567890123"^^xsd:string .

foo:charger a gr:SomeItems;
    gr:name "ACME Travelcharger"@en;
    gr:hasEAN_UCC-13 "2345678901234"^^xsd:string .
```

gr:UnitPriceSpecification (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23UnitPriceSpecification&text=gr%3AUnitPriceSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23UnitPriceSpecification&title=gr%3AUnitPriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20f Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23UnitPriceSpecification&title=gr%3AUnitPriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20f Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23UnitPriceSpecification&t=gr%3AUnitPriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20for% Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:PriceSpecification
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Unit price specification

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A unit price specification is a conceptual entity that specifies the price asked for a given gr:Offering (http://purl.org/goodrelations/v1#Offering) by the respective gr:Business (http://purl.org/goodrelations/v1#Business) Entity. An offering may be linked to multiple unit price specifications that specify alternative prices for non-overlapping sets of conditions (e.g. quantities or sales regions) or with differing validity periods.

A unit price specification is characterized by (1) the lower and upper limits and the unit of measurement of the eligible quantity, (2) by a monetary amount per unit of the product or service, and (3) whether this prices includes local sales taxes, namely VAT.

Example: The price, including VAT, for 1 kg of a given material is 5 Euros per kg for 0 - 5 kg and 4 Euros for quantities above 5 kg.

The eligible quantity interval for a given price is specified using the object property gr:hasEligibleQuantity (http://purl.org/goodrelations/v1#hasEligibleQuantity), which points to an instance of gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue). The currency is specified using the gr:hasCurrency (http://purl.org/goodrelations/v1#hasCurrency) property, which points to an ISO 4217 currency code. The unit of measurement for the eligible quantity is specified using the gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement) datatype property, which points to an UN/CEFACT Common Code (3 characters).

In most cases, the appropriate unit of measurement is the UN/CEFACT Common Code "C62" for "Unit or piece", since a gr:Offering (http://purl.org/goodrelations/v1#Offering) is defined by the quantity and unit of measurement of all items included (e.g. "1 kg of bananas plus a 2 kg of apples"). As long at the offering consists of only one item, it is also possible to use an unit of measurement of choice for specifying the price per unit. For bundles, however, only "C62" for "Unit or piece" is a valid unit of measurement.

You can assume that the price is given per unit or piece if there is no gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement) property attached to the price.

Whether VAT and sales taxes are included in this price is specified using the property gr:valueAddedTaxIncluded (http://purl.org/goodrelations/v1#valueAddedTaxIncluded) (xsd:boolean).

The price per unit of measurement is specified as a float value of the gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) property. The currency is specified via the gr:hasCurrency (http://purl.org/goodrelations/v1#hasCurrency) datatype property. Whether the price includes VAT or not is indicated by the gr:valueAddedTaxIncluded (http://purl.org/goodrelations/v1#valueAddedTaxIncluded) datatype property.

The property priceType can be used to indicate that the price is a retail price recommendation only (i.e. a list price).

If the price can only be given as a range, use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) for the upper and lower bounds.

Important: When querying for the price, always use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue).

Note 1: Due to the complexity of pricing scenarios in various industries, it may be necessary to create extensions of this fundamental model of price specifications. Such can be done easily by importing and refining the GoodRelations ontology.

Note 2: For Google, attaching a gr:validThrough (http://purl.org/goodrelations/v1#validThrough) statement to a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification) is mandatory.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:billingIncrement gr:description gr:eligibleTransactionVolume gr:hasCurrency gr:hasCurrencyValue gr:hasEligibleQuantity gr:hasMaxCurrencyValue gr:hasMinCurrencyValue gr:hasUnitOfMeasurement gr:name gr:priceType gr:validFrom gr:validThrough gr:valueAddedTaxIncluded

This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for:
gr:eligibleTransactionVolume gr:hasPriceSpecification

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer_data">
  <span property="http://purl.org/goodrelations/v1#name">ACME Colorvision 123</span>
  Price: <div itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">$
    <span itemprop="hasCurrencyValue">9.90</span>
    <meta itemprop="hasCurrency" content="USD">
    <time itemprop="validThrough" datetime="2012-12-31T23:59:59Z"></time>
  </div>
</div>
```

```
<div typeof="gr:Offering" about="#offer_data">
  <span property="gr:name">ACME Colorvision 123</span>
  Price: <div rel="gr:hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">$
      <span property="gr:hasCurrencyValue" datatype="xsd:float">9.90</span>
      <div property="gr:hasCurrency" content="USD"></div>
      <div property="gr:validThrough" datatype="xsd:dateTime"
           content="2012-12-31T23:59:59Z"></div>
  </div>
</div>
```

```
foo:offer a gr:Offering;
    gr:hasPriceSpecification foo:price.

foo:price a gr:UnitPriceSpecification;
    gr:hasCurrency "USD"^^xsd:string;
    gr:hasCurrencyValue "9.90"^^xsd:float;
    gr:validThrough "2012-12-31T23:59:59Z"^^xsd:dateTime;
    gr:hasUnitOfMeasurement "C62"^^xsd:string .
```

gr:WarrantyPromise (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23WarrantyPromise&text=gr%3AWarrantyPromise%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23WarrantyPromise&title=gr%3AWarrantyPromise%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23WarrantyPromise&title=gr%3AWarrantyPromise%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23WarrantyPromise&t=gr%3AWarrantyPromise%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Warranty promise

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This is a conceptual entity that holds together all aspects of the n-ary relation gr:hasWarrantyPromise (http://purl.org/goodrelations/v1#hasWarrantyPromise).

A Warranty promise is an entity representing the duration and scope of services that will be provided to a customer free of charge in case of a defect or malfunction of the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). A warranty promise is characterized by its temporal duration (usually starting with the date of purchase) and its gr:WarrantyScope (http://purl.org/goodrelations/v1#WarrantyScope). The warranty scope represents the types of services provided (e.g. labor and parts, just parts) of the warranty included in an gr:Offering (http://purl.org/goodrelations/v1#Offering). The actual services may be provided by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) making the offering, by the manufacturer of the product, or by a third party. There may be multiple warranty promises associated with a particular offering, which differ in duration and scope (e.g. pick-up service during

the first 12 months, just parts and labor for 36 months).

Examples: 12 months parts and labor, 36 months parts

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:durationOfWarrantyInMonths gr:hasWarrantyScope gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasWarrantyPromise

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer" >
  <span itemprop="name">Hepp Personal SCSI Controller Card</span>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  <div itemprop="http://purl.org/goodrelations/v1#hasWarrantyPromise"
       itemscope itemtype="http://purl.org/goodrelations/v1#WarrantyPromise" itemid="#wa
    <span itemprop="description">For this item, we grants a 12-month warranty on
all parts and labor, including pick-up at your home</span>
    <meta itemprop="durationOfWarrantyInMonths" content="12">
    <link itemprop="hasWarrantyScope"
          href="http://purl.org/goodrelations/v1#PartsAndLabor-PickUp" />
  </div
<div>
```

```
<div typeof="gr:Offering" about="#offer" >
  <span property="gr:name">Hepp Personal SCSI Controller Card</span>
  <div rel="gr:hasBusinessFunction" resource="http://purl.org/goodrelations/v1#Sell"></d
  <div rel="gr:hasWarrantyPromise">
    <div typeof="gr:WarrantyPromise" about="#warranty">
        <span property="rdfs:comment">For this item, we grants a 12-month warranty on
all parts and labor, including pick-up at your home</span>
        <div property="gr:durationOfWarrantyInMonths" content="12" datatype="xsd:int"></
        <div rel="gr:hasWarrantyScope"
             resource="http://purl.org/goodrelations/v1#PartsAndLabor-PickUp"></div>
    </div>
  </div
<div>
```

```
foo:offer a gr:Offering;
  gr:name "Hepp Personal SCSI Controller Card";
  gr:description "The Hepp Personal SCSI is a 16-bit add-on card ...";
  gr:hasBusinessFunction gr:Sell;
  gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                             gr:hasCurrency "USD"^^xsd:string;
                             gr:hasCurrencyValue "99.99"^^xsd:float;
                             gr:validThrough "2012-11-30T23:59:59"^^xsd:dateTime ];
  gr:hasWarrantyPromise [ a gr:WarrantyPromise;
                          rdfs:comment """For this item, we grants a 12-month
warranty on all parts and labor, including pick-up at your home."""@en;
                             gr:durationOfWarrantyInMonths "12"^^xsd:int;
                             gr:hasWarrantyScope gr:PartsAndLabor-PickUp ] .
```

gr:WarrantyScope (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23WarrantyScope&text=gr%3AWarrantyScope%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23WarrantyScope&title=gr%3AWarrantyScope%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23WarrantyScope&title=gr%3AWarrantyScope%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23WarrantyScope&t=gr%3AWarrantyScope%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

URI http://purl.org/goodrelations/v1#WarrantyScope (http://purl.org/goodrelations/v1#WarrantyScope)

rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Warranty scope

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The warranty scope represents types of services that will be provided free of charge by the vendor or manufacturer in the case of a defect (e.g. labor and parts, just parts), as part of the warranty included in an gr:Offering (http://purl.org/goodrelations/v1#Offering). The actual services may be provided by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) making the offering, by the manufacturer of the product, or by a third party.

Examples: Parts and Labor, Parts

Predefined Individuals

- gr:Labor-BringIn
- gr:PartsAndLabor-BringIn
- gr:PartsAndLabor-PickUp

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:description gr:name
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:hasWarrantyScope

Examples

```
<!-- On your warranty information page, define the scope of services ... -->
<div itemscope itemtype="http://purl.org/goodrelations/v1#WarrantyScope"
     itemid="http://acme.org/warranty/#SuperWarranty">
  <span itemprop="name">ACME Super Car Warranty: Parts, Labor, Pick-up,
and Free Rental Car</span>
  <span itemprop="description">Should your ACME car ever break, we will offer the most
comprehensive warranty package on the market: We will pick-up your car at your current po
cover for all parts and labor to fix it, and provide a free rental car for the duration
of the repair.</span>
</div>

<!-- Then use this scope definition on all the individual items / offer pages
     for which that warranty applies -->
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer" >
  <span itemprop="name">Used Volkswagen Golf V, ACME inspected</span>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  <div itemprop="http://purl.org/goodrelations/v1#hasWarrantyPromise"
       itemscope itemtype="http://purl.org/goodrelations/v1#WarrantyPromise" itemid="#wa
    <span itemprop="description">Includes our ACME Super Car Warranty for 30 months</spa
    <meta itemprop="durationOfWarrantyInMonths" content="30">
    <link itemprop="hasWarrantyScope" href="http://acme.org/warranty/#SuperWarranty" />
  </div
<div>
```

```
<!-- On your warranty information page, define the scope of services ... -->
<div typeof="gr:WarrantyScope"
     about="http://acme.org/warranty/#SuperWarranty">
  <span property="gr:name">ACME Super Car Warranty: Parts, Labor, Pick-up,
and Free Rental Car</span>
  <span property="gr:description">Should your ACME car ever break, we will offer the most
comprehensive warranty package on the market: We will pick-up your car at your current po
cover for all parts and labor to fix it, and provide a free rental car for the duration
of the repair.</span>
</div>

<!-- Then use this scope definition on all the individual items / offer pages
     for which that applies -->
<div typeof="gr:Offering" about="#offer" >
  <span property="gr:name">Used Volkswagen Golf V, ACME inspected</span>
  <div rel="gr:hasBusinessFunction"
        resource="http://purl.org/goodrelations/v1#Sell" ></div>
  <div rel="gr:hasWarrantyPromise">
    <div typeof="gr:WarrantyPromise" about="#warranty">
        <span property="rdfs:comment">Includes our ACME Super Car Warranty for 30 months
        <div property="gr:durationOfWarrantyInMonths" content="30"></div>
        <div rel="gr:hasWarrantyScope" resource="http://acme.org/warranty/#SuperWarranty
    </div>
  </div
<div>
```

```
foo:SuperWarranty a gr:WarrantyScope ;
  rdfs:label "ACME Super Car Warranty: Parts, Labor, Pick-up, and Free Rental Car"@en;
  rdfs:comment """Should your ACME car ever break, we will offer the most comprehensive
warranty package on the market: We will pick-up your car at your current position,
cover for all parts and labor to fix it, and provide a free rental car for the duration
of the repair."""@en.

# Then use this scope definition in all offers (gr:Offering) that apply:
foo:offer a gr:Offering;
  gr:name "Used Volkswagen Golf V, ACME inspected";
  gr:hasBusinessFunction gr:Sell;
  gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                             gr:hasCurrency "USD"^^xsd:string;
                             gr:hasCurrencyValue "1200"^^xsd:float;
                             gr:validThrough "2012-11-30T23:59:59"^^xsd:dateTime ];
  gr:hasWarrantyPromise [ a gr:WarrantyPromise;
                          rdfs:comment "Includes our ACME Super Car Warranty for 30 montl
                          gr:durationOfWarrantyInMonths "30"^^xsd:int;
                          gr:hasWarrantyScope foo:SuperWarranty ] .
```

gr:ActualProductOrServiceInstance DEPRECATED (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ActualProductOrServiceInstance&text=gr%3AActualProductOrServiceInstance%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ActualProductOrServiceInstance&title=gr%3AActualProductOrServiceInstance%20element%20of%20the%20GoodRelations%20Vocab Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ActualProductOrServiceInstance&title=gr%3AActualProductOrServiceInstance%20element%20of%20the%20GoodRelations%20Vocab Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ActualProductOrServiceInstance&t=gr%3AActualProductOrServiceInstance%20element%20of%20the%20GoodRelations%20Vocabula Commerce)

URI http://purl.org/goodrelations/v1#ActualProductOrServiceInstance (http://purl.org/goodrelations/v1#ActualProductOrServiceInstance)
rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:ProductOrService
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Actual product or service instance (DEPRECATED)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

DEPRECATED - This class is superseded by gr:Individual (http://purl.org/goodrelations/v1#Individual). Replace all occurrences of gr:ActualProductOrServiceInstance (http://purl.org/goodrelations/v1#ActualProductOrServiceInstance) by gr:Individual (http://purl.org/goodrelations/v1#Individual), if possible.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:color gr:condition gr:datatypeProductOrServiceProperty gr:depth gr:description gr:hasBrand gr:hasEAN_UCC-13 gr:hasGTIN-14 gr:hasGTIN-8 gr:hasMPN gr:hasManufacturer gr:hasStockKeepingUnit gr:height gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:name gr:qualitativeProductOrServiceProperty gr:quantitativeProductOrServiceProperty gr:weight gr:width
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:includes gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

gr:LocationOfSalesOrServiceProvisioning (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class))

DEPRECATED (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23LocationOfSalesOrServiceProvisioning&text=gr%3ALocationOfSalesOrServiceProvisioning%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23LocationOfSalesOrServiceProvisioning&title=gr%3ALocationOfSalesOrServiceProvisioning%20element%20of%20the%20GoodRelations%20 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23LocationOfSalesOrServiceProvisioning&title=gr%3ALocationOfSalesOrServiceProvisioning%20element%20of%20the%20GoodRelations%20 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23LocationOfSalesOrServiceProvisioning&t=gr%3ALocationOfSalesOrServiceProvisioning%20element%20of%20the%20GoodRelations%20Voc Commerce)

URI http://purl.org/goodrelations/v1#LocationOfSalesOrServiceProvisioning (http://purl.org/goodrelations/v1#LocationOfSalesOrServiceProvisioning)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Location of sales or service provisioning (DEPRECATED)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

DEPRECATED - This class is superseded by gr:Location (http://purl.org/goodrelations/v1#Location). Replace all occurrences of gr:LocationOfSalesOrServiceProvisioning (http://purl.org/goodrelations/v1#LocationOfSalesOrServiceProvisioning) by gr:Location (http://purl.org/goodrelations/v1#Location), if possible.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

gr:N-Ary-Relations DEPRECATED (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23N-Ary-Relations&text=gr%3AN-Ary-Relations%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23N-Ary-Relations&title=gr%3AN-Ary-Relations%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23N-Ary-Relations&title=gr%3AN-Ary-Relations%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23N-Ary-Relations&t=gr%3AN-Ary-Relations%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#N-Ary-Relations (http://purl.org/goodrelations/v1#N-Ary-Relations)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) N-ary relations (DEPRECATED)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This is the superclass for all classes that are placeholders for n-ary relations, which OWL cannot represent. DEPRECATED. Do not use this class in data or queries.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

gr:ProductOrServicesSomeInstancesPlaceholder (rdf:type owl:Class (http://www.w3.org/2002/07/owl#Class)) DEPRECATED (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrServicesSomeInstancesPlaceholder&text=gr%3AProductOrServicesSomeInstancesPlaceholder%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrServicesSomeInstancesPlaceholder&title=gr%3AProductOrServicesSomeInstancesPlaceholder%20element%20of%20the%20GoodRelatic Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProductOrServicesSomeInstancesPlaceholder&title=gr%3AProductOrServicesSomeInstancesPlaceholder%20element%20of%20the%20GoodRelatic Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ProductOrServicesSomeInstancesPlaceholder&t=gr%3AProductOrServicesSomeInstancesPlaceholder%20element%20of%20the%20GoodRelations' Commerce)

URI http://purl.org/goodrelations/v1#ProductOrServicesSomeInstancesPlaceholder (http://purl.org/goodrelations/v1#ProductOrServicesSomeInstancesPlaceholder)

rdfs:subClassOf (http://www.w3.org/2000/01/rdf-schema#subClassOf) gr:ProductOrService
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Product or services some instances placeholder (DEPRECATED)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

DEPRECATED - This class is superseded by gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems). Replace all occurrences of gr:ProductOrServicesSomeInstancesPlaceholder (http://purl.org/goodrelations/v1#ProductOrServicesSomeInstancesPlaceholder) by gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems), if possible.

Properties (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)) : gr:category gr:color gr:condition gr:datatypeProductOrServiceProperty gr:depth gr:description gr:hasBrand gr:hasEAN_UCC-13 gr:hasGTIN-14 gr:hasGTIN-8 gr:hasMPN gr:hasManufacturer gr:hasStockKeepingUnit gr:height gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo gr:name gr:qualitativeProductOrServiceProperty gr:quantitativeProductOrServiceProperty gr:weight gr:width
This class is a valid range (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)) for: gr:includes gr:isAccessoryOrSparePartFor gr:isConsumableFor gr:isSimilarTo

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

6. Datatype Properties

- gr:amountOfThisGood
- gr:availabilityEnds
- gr:availabilityStarts
- gr:billingIncrement
- gr:category
- gr:closes
- gr:color
- gr:condition
- gr:datatypeProductOrServiceProperty
- gr:description
- gr:durationOfWarrantyInMonths
- gr:eligibleRegions
- gr:hasCurrency
- gr:hasCurrencyValue
- gr:hasDUNS
- gr:hasEAN_UCC-13
- gr:hasGlobalLocationNumber
- gr:hasGTIN-14
- gr:hasGTIN-8
- gr:hasISICv4
- gr:hasMaxCurrencyValue
- gr:hasMaxValue
- gr:hasMaxValueFloat
- gr:hasMaxValueInteger
- gr:hasMinCurrencyValue
- gr:hasMinValue
- gr:hasMinValueFloat
- gr:hasMinValueInteger

- gr:hasMPN
- gr:hasNAICS
- gr:hasStockKeepingUnit
- gr:hasUnitOfMeasurement
- gr:hasValue
- gr:hasValueFloat
- gr:hasValueInteger
- gr:legalName
- gr:name
- gr:opens
- gr:priceType
- gr:serialNumber
- gr:taxID
- gr:validFrom
- gr:validThrough
- gr:valueAddedTaxIncluded
- gr:vatID
- gr:isListPrice DEPRECATED

gr:amountOfThisGood (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23amountOfThisGood&text=gr%3AamountOfThisGood%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23amountOfThisGood&title=gr%3AamountOfThisGood%20element%20of%20the%20GoodRelations%20Vocabulary%20for' Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23amountOfThisGood&title=gr%3AamountOfThisGood%20element%20of%20the%20GoodRelations%20Vocabulary%20for' Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23amountOfThisGood&t=gr%3AamountOfThisGood%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce)

URI http://purl.org/goodrelations/v1#amountOfThisGood (http://purl.org/goodrelations/v1#amountOfThisGood)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) amount of this good (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the quantity of the goods included in the gr:Offering (http://purl.org/goodrelations/v1#Offering) via this gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode). The quantity is given in the unit of measurement attached to the gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:TypeAndQuantityNode
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

gr:availabilityEnds (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availabilityEnds&text=gr%3AavailabilityEnds%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availabilityEnds&title=gr%3AavailabilityEnds%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availabilityEnds&title=gr%3AavailabilityEnds%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23availabilityEnds&t=gr%3AavailabilityEnds%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#availabilityEnds (http://purl.org/goodrelations/v1#availabilityEnds)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) availability ends (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the end of the availability of the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) included in the gr:Offering (http://purl.org/goodrelations/v1#Offering).
The difference to the properties gr:validFrom (http://purl.org/goodrelations/v1#validFrom) and gr:validThrough (http://purl.org/goodrelations/v1#validThrough) is that those specify the period of time during which the offer is valid and can be accepted.

Example: I offer to lease my boat for the period of August 1 - August 31, 2010, but you must accept by offer no later than July 15.

A time-zone should be specified. For a time in GMT/UTC, simply add a "Z" following the time:

2008-05-30T09:30:10Z.

Alternatively, you can specify an offset from the UTC time by adding a positive or negative time following the time:

2008-05-30T09:30:10-09:00

or

2008-05-30T09:30:10+09:00.

Note: There is another property gr:availableAtOrFrom (http://purl.org/goodrelations/v1#availableAtOrFrom), which is used to indicate the gr:Location (http://purl.org/goodrelations/v1#Location) (e.g. store or shop) from which the goods would be available.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#dateTime (http://www.w3.org/2001/XMLSchema#dateTime)

Examples

The apartment is available for rent in August and September 2012

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Seaside Apartment, 2 bedrooms</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#LeaseOut" />
    <time itemprop="availabilityStarts" datetime="2012-08-01T00:00:00Z">August 1</time>-
    <time itemprop="availabilityEnds" datetime="2012-09-30T23:59:59Z">September 30</time>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">Seaside Apartment, 2 bedrooms</div>
  <div rel="gr:hasBusinessFunction"
       resource="http://purl.org/goodrelations/v1#LeaseOut" ></div>
    <span property="gr:availabilityStarts" datatype="xsd:dateTime"
          content="2012-08-01T00:00:00Z">August 1</span>-
    <span propery="gr:availabilityEnds" datatype="xsd:dateTime"
          content="2012-09-30T23:59:59Z">September 30</span>, 2012
<!-- other offer properties follow here -->
...
</div>
```

The apartment is available for rent in August and September 2012

```
# Note that this does not say anything about the duration of the booking; see also gr:el
foo:offer a gr:Offering;
        gr:name "Seaside Apartment, 2 bedrooms"@en;
        gr:hasBusinessFunction gr:LeaseOut;
    gr:availabilityStarts "2012-08-01T00:00:00Z"^^xsd:dateTime ;
        gr:availabilityEnds "2012-09-30T23:59:59Z"^^xsd:dateTime .
```

gr:availabilityStarts (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availabilityStarts&text=gr%3AavailabilityStarts%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availabilityStarts&title=gr%3AavailabilityStarts%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availabilityStarts&title=gr%3AavailabilityStarts%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23availabilityStarts&t=gr%3AavailabilityStarts%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#availabilityStarts (http://purl.org/goodrelations/v1#availabilityStarts)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) availability starts (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the beginning of the availability of the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) included in the gr:Offering (http://purl.org/goodrelations/v1#Offering).
The difference to the properties gr:validFrom (http://purl.org/goodrelations/v1#validFrom) and gr:validThrough (http://purl.org/goodrelations/v1#validThrough) is that those specify the period of time during which the offer is valid and can be accepted.

Example: I offer to lease my boat for the period of August 1 - August 31, 2010, but you must accept by offer no later than July 15.

A time-zone should be specified. For a time in GMT/UTC, simply add a "Z" following the time:

2008-05-30T09:30:10Z.

Alternatively, you can specify an offset from the UTC time by adding a positive or negative time following the time:

2008-05-30T09:30:10-09:00

or

2008-05-30T09:30:10+09:00.

Note: There is another property gr:availableAtOrFrom (http://purl.org/goodrelations/v1#availableAtOrFrom), which is used to indicate the gr:Location (http://purl.org/goodrelations/v1#Location) (e.g. store or shop) from which the goods would be available.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#dateTime (http://www.w3.org/2001/XMLSchema#dateTime)

Examples

The apartment is available for rent in August and September 2012

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Seaside Apartment, 2 bedrooms</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#LeaseOut" />
    <time itemprop="availabilityStarts" datetime="2012-08-01T00:00:00Z">August 1</time>-
    <time itemprop="availabilityEnds" datetime="2012-09-30T23:59:59Z">September 30</time>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">Seaside Apartment, 2 bedrooms</div>
  <div rel="gr:hasBusinessFunction"
       resource="http://purl.org/goodrelations/v1#LeaseOut" ></div>
    <span property="gr:availabilityStarts" datatype="xsd:dateTime"
          content="2012-08-01T00:00:00Z">August 1</span>-
    <span propery="gr:availabilityEnds" datatype="xsd:dateTime"
          content="2012-09-30T23:59:59Z">September 30</span>, 2012
<!-- other offer properties follow here -->
...
</div>
```

The apartment is available for rent in August and September 2012

```
# Note that this does not say anything about the duration of the booking; see also gr:el
foo:offer a gr:Offering;
        gr:name "Seaside Apartment, 2 bedrooms"@en;
        gr:hasBusinessFunction gr:LeaseOut;
    gr:availabilityStarts "2012-08-01T00:00:00Z"^^xsd:dateTime ;
        gr:availabilityEnds "2012-09-30T23:59:59Z"^^xsd:dateTime .
```

gr:billingIncrement (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23billingIncrement&text=gr%3AbillingIncrement%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23billingIncrement&title=gr%3AbillingIncrement%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23billingIncrement&title=gr%3AbillingIncrement%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23billingIncrement&t=gr%3AbillingIncrement%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#billingIncrement (http://purl.org/goodrelations/v1#billingIncrement)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) billing increment (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the minimal quantity and rounding increment that will be the basis for the billing.
The unit of measurement is specified by the UN/CEFACT code attached to the gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification) via the gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement) property.

Examples:
- The price for gasoline is 4 USD per gallon at the pump, but you will be charged in units of 0.1 gallons.
- The price for legal consulting is 100 USD per hour, but you will be charged in units of 15 minutes.

This property makes sense only for instances of gr:Offering (http://purl.org/goodrelations/v1#Offering) that include not more than one type of good or service.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Fine table salt</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  Price: <div itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">
        <meta itemprop="hasCurrency" content="USD">$
    <span itemprop="hasCurrencyValue">4</span>
    <meta itemprop="hasUnitOfMeasurement" content="KGM"> per kg
    <meta itemprop="billingIncrement" content="0.1"> in units of 100 g
  </div>
</div>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <span property="gr:name">Fine table salt</span>
  <div rel="gr:hasBusinessFunction"
       resource="http://purl.org/goodrelations/v1#Sell"></div>
     Price: <div rel="gr:hasPriceSpecification">
       <div typeof="gr:UnitPriceSpecification">
              <span property="gr:hasCurrency" content="USD">$</span>
          <span property="gr:hasCurrencyValue" datatype="xsd:float">4</span>
          <span property="gr:hasUnitOfMeasurement" content="KGM"> per kg</span>
          <span property="gr:billingIncrement" datatype="xsd:float" content="0.1"> in uni
       </div>
  </div>
</div>
<!-- other offer properties follow here -->
...
</div>
```

4 USD per kilogram, charged in units of 0.1 kilograms

```
foo:offer a gr:Offering;
        gr:name "Fine table salt - 4 US / kg in units of 100 g"@en;
        gr:hasBusinessFunction gr:Sell;
        gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                                   gr:hasCurrency "USD"^^xsd:string;
                                   gr:hasCurrencyValue "4.0"^^xsd:float;
                                   gr:hasUnitOfMeasurement "KGM"^^xsd:string;
                                   gr:billingIncrement "0.1"^^xsd:float ].
```

gr:category (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23category&text=gr%3Acategory%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23category&title=gr%3Acategory%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23category&title=gr%3Acategory%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23category&t=gr%3Acategory%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#category (http://purl.org/goodrelations/v1#category)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) category (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The name of a category to which this gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService), gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity), or gr:Location (http://purl.org/goodrelations/v1#Location) belongs.

Note 1: For products, it is better to add an rdf:type statement referring to a GoodRelations-compliant ontology for vertical industries instead, but if you just have a short text label, gr:category (http://purl.org/goodrelations/v1#category) is simpler.
Note 2: You can use greater signs or slashes to informally indicate a category hierarchy, e.g. "restaurants/asian_restaurants" or "cables > usb_cables"

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity gr:Individual gr:Location gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person) http://schema.org/Place (http://schema.org/Place) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

```
<div itemscope itemtype="http://schema.org/Product" itemid="#product">
  <span itemprop="name">ACME Foldable Canoe</span>
  <meta itemprop="http://purl.org/goodrelations/v1#category" content="Outdoors/Boats/Can
</div>
```

```
<div typeof="gr:SomeItems vso:Canoe" about="#product">
  <span property="g:name">ACME Foldable Canoe</span>
  <div property="gr:category" content="Outdoors/Boats/Canoes"></div>
</div>
```

```
foo:product a gr:SomeItems, <http://purl.org/vso/ns#Canoe>;
        gr:name "ACME Foldable Canoe"@en;
    gr:category "Outdoors/Boats/Canoes"^^xsd:string .
```

gr:closes (http://twitter.com (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23closes&text=gr%3Acloses%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23closes&title=gr%3Acloses%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23closes&title=gr%3Acloses%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-

Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23closes&t=gr%3Acloses%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#closes (http://purl.org/goodrelations/v1#closes)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) closes (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The closing hour of the gr:Location (http://purl.org/goodrelations/v1#Location) on the given gr:DayOfWeek (http://purl.org/goodrelations/v1#DayOfWeek).
If no time-zone suffix is included, the time is given in the local time valid at the gr:Location (http://purl.org/goodrelations/v1#Location).

For a time in GMT/UTC, simply add a "Z" following the time:

09:30:10Z.

Alternatively, you can specify an offset from the UTC time by adding a positive or negative time following the time:

09:30:10-09:00

09:30:10+09:00.

Note 1: Use 00:00:00 for the first second of the respective day and 23:59:59 for the last second of that day.
Note 2: If a store opens at 17:00 on Saturdays and closes at 03:00:00 a.m. next morning, use two instances of this class, one with 17:00:00 - 23:59:59 for Saturday and another one with 00:00:00 - 03:00:00 for Sunday.
Note 3: If the shop re-opens on the same day of the week or set of days of the week, you must create a second instance of gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:OpeningHoursSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#time (http://www.w3.org/2001/XMLSchema#time)

Examples

```
<div itemscope itemtype="http://schema.org/Place" itemid="#store">
  <span itemprop="name">ACME Store Munich</span>
...
  <div itemprop="http://purl.org/goodrelations/v1#hasOpeningHoursSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#OpeningHoursSpecification">
Opening hours: Mon-Sun,
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Monday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Tuesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Wednesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Thursday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Friday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Saturday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Sunday" />
     <meta itemprop="opens" content="08:00:00">8:00 a.m. -
     <meta itemprop="closes" content="20:00:00">8:00 p.m.
  </div>
</div>
```

```
<div typeof="gr:Location" about="#store">
  <span property="gr:name">ACME Store Munich</span>
...
  <div rel="gr:hasOpeningHoursSpecification">
     <div typeof="gr:OpeningHoursSpecification">
Opening hours: Mon-Sun,
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Monday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Tuesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Wednesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Thursday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Friday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Saturday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Sunday"></div>
       <span itemprop="opens" content="08:00:00">8:00 a.m. -</span>
       <span itemprop="closes" content="20:00:00">8:00 p.m.</span>
     </div>
  </div>
</div>
```

```
foo:store a gr:Location;
    gr:name "ACME Store Munich"@en;
    s:address [ a s:PostalAddress;
                s:streetAddress "ACME Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasOpeningHoursSpecification [ a gr:OpeningHoursSpecification;
                                      gr:opens "08:00:00"^^xsd:time;
                                      gr:closes "20:00:00"^^xsd:time;
                                      gr:hasOpeningHoursDayOfWeek gr:Monday,
                                           gr:Tuesday, gr:Wednesday, gr:Thursday,
                                           gr:Friday, gr:Saturday, gr:Sunday ].
```

gr:color (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23color&text=gr%3Acolor%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23color&title=gr%3Acolor%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23color&title=gr%3Acolor%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23color&t=gr%3Acolor%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

URI http://purl.org/goodrelations/v1#color (http://purl.org/goodrelations/v1#color)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:datatypeProductOrServiceProperty
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) color (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The color of the product.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

```
<div itemscope itemtype="http://schema.org/Product" itemid="#product>
  <div itemprop="name">Canon Rebel T2i (EOS 550D)</div>
  Color: <div itemprop="http://purl.org/goodrelations/v1#color">black</div>
</div>
```

```
<div typeof="gr:SomeItems" itemid="#product>
  <div property="gr:name">Canon Rebel T2i (EOS 550D)</div>
  Color: <div property="gr:color">black</div>
</div>
```

```
foo:product a gr:SomeItems;
    gr:name "Canon Rebel T2i (EOS 550D)"@en;
        gr:color "black"@en.
```

gr:condition (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23condition&text=gr%3Acondition%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23condition&title=gr%3Acondition%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23condition&title=gr%3Acondition%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23condition&t=gr%3Acondition%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#condition (http://purl.org/goodrelations/v1#condition)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) condition (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A textual description of the condition of the product or service, or the products or services included in the offer (when attached to a gr:Offering (http://purl.org/goodrelations/v1#Offering))

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

```
<div itemscope itemtype="http://schema.org/Product" itemid="#product>
  <div itemprop="name">Canon Rebel T2i (EOS 550D)</div>
  Condition: <div itemprop="http://purl.org/goodrelations/v1#condition">refurbished</div>
</div>
```

```
<div typeof="gr:SomeItems" itemid="#product>
  <div property="gr:name">Canon Rebel T2i (EOS 550D)</div>
  Condition: <div property="gr:condition">refurbished</div>
</div>
```

```
foo:product a gr:SomeItems;
    gr:name "Canon Rebel T2i (EOS 550D)"@en;
        gr:condition "refurbished"@en.
```

gr:datatypeProductOrServiceProperty (http://twitter.com/share?url=http%3A%2F (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) %2Fpurl.org%2Fgoodrelations%2Fv1%23datatypeProductOrServiceProperty&text=gr%3AdatatypeProductOrServiceProperty%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1%23datatypeProductOrServiceProperty&
title=gr%3AdatatypeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20Voc
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23datatypeProductOrServiceProperty&
title=gr%3AdatatypeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20Voc
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1.html%23datatypeProductOrServiceProperty&
t=gr%3AdatatypeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20Vocabu
Commerce)

URI http://purl.org/goodrelations/v1#datatypeProductOrServiceProperty (http://purl.org/goodrelations/v1#datatypeProductOrServiceProperty)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) datatype product or service property (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property is the super property for all pure datatype properties that can be used to describe a gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).

In products and services ontologies, only such properties that are no quantitative properties and that have no predefined gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) instances are subproperties of this property. In practice, this refers to a few integer properties for which the integer value represents qualitative aspects, for string datatypes (as long as no predefined values exist), for boolean datatype properties, and for dates and times.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Subproperties

- gr:color

Discussions and Links

Examples

```
<!-- Define a new product property; this should be on a central page -->
<div itemscope itemtype="http://www.w3.org/2002/07/owl#DatatypeProperty"
     itemid="http://acme.com/vocabulary/hasWifi">
  <link itemprop="http://www.w3.org/2000/01/rdf-schema#subPropertyOf"
        href="http://purl.org/goodrelations/v1#datatypeProductOrServiceProperty" />
  <span itemprop="http://www.w3.org/2000/01/rdf-schema#label">hasWifi</span>
  <link itemprop="http://www.w3.org/2000/01/rdf-schema#domain"
        href="http://purl.org/goodrelations/v1#ProductOrService" />
  <link itemprop="http://www.w3.org/2000/01/rdf-schema#range"
        href="http://www.w3.org/2001/XMLSchema#boolean" />
</div>

<!-- Attach it to a product datasheet -->
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel"
     itemid="#product">
  <span itemprop="name">ACME Anvil with Wifi</span>
<!-- You must use a full property URI in the following: -->
  Wifi:
  <meta itemprop="http://acme.com/vocabulary/hasWifi" content="true">yes
</div>
```

```
<!-- Define a new product property; this should be on a central page -->
<div typeof="owl:DatatypeProperty"
     about="http://acme.com/vocabulary/hasWifi">
  <div rel="rdfs:subPropertyOf"
       resource="http://purl.org/goodrelations/v1#datatypeProductOrServiceProperty"></di
  <span property="rdfs:label">hasWifi</span>
  <div rel="rdfs:domain"
        resource="http://purl.org/goodrelations/v1#ProductOrService"></div>
  <div rel="rdfs:range"
       resource="http://www.w3.org/2001/XMLSchema#boolean"></div>
</div>

<!-- Attach it to a product datasheet -->
<div typeof="gr:ProductOrServiceModel" about="#product">
  <span property="gr:name">ACME Anvil with Wifi</span>
  Wifi:
  <div property="http://acme.com/vocabulary/hasWifi" content="true" datatype="xsd:boolea
</div>
```

```
# Define a new product property
foo:hasWifi a owl:DatatypeProperty;
    rdfs:subPropertyOf gr:datatypeProductOrServiceProperty;
        rdfs:label "has Wifi"@en;
    rdfs:domain gr:ProductOrService;
    rdfs:range xsd:boolean.

#Attach it to a product datasheet
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Anvil with Wifi"@en;
    foo:hasWifi true.
```

gr:description (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23description&text=gr%3Adescription%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23description&title=gr%3Adescription%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23description&title=gr%3Adescription%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23description&t=gr%3Adescription%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#description (http://purl.org/goodrelations/v1#description)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) description (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A short textual description of the resource.

This property is semantically equivalent to rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment) and just meant as a handy shortcut for marking up data.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Brand gr:BusinessEntity gr:BusinessEntityType gr:BusinessFunction gr:DayOfWeek gr:DeliveryChargeSpecification gr:DeliveryMethod gr:DeliveryModeParcelService gr:Individual gr:License gr:Location gr:Offering gr:OpeningHoursSpecification gr:PaymentChargeSpecification gr:PaymentMethod gr:PaymentMethodCreditCard gr:PriceSpecification gr:ProductOrService gr:ProductOrServiceModel gr:QualitativeValue gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger gr:SomeItems gr:TypeAndQuantityNode gr:UnitPriceSpecification gr:WarrantyPromise gr:WarrantyScope http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person) http://www.w3.org/2002/07/owl#Thing (http://www.w3.org/2002/07/owl#Thing)

Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel"
     itemid="#product">
  <span itemprop="name">ACME Anvil with Wifi</span>
  <span itemprop="description">This is the world&apos;s first anvil with Wifi connectivi
Useless, yet cool.</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" itemid="#product">
  <span property="gr:name">ACME Anvil with Wifi</span>
  <span property="gr:description">This is the world&apos;s first anvil with Wifi connect
Useless, yet cool.</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Anvil with Wifi"@en;
    gr:description "This is the world's first anvil with Wifi connectivity. Useless, yet
```

gr:durationOfWarrantyInMonths (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23durationOfWarrantyInMonths&text=gr%3AdurationOfWarrantyInMonths%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23durationOfWarrantyInMonths&title=gr%3AdurationOfWarrantyInMonths%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23durationOfWarrantyInMonths&title=gr%3AdurationOfWarrantyInMonths%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23durationOfWarrantyInMonths&t=gr%3AdurationOfWarrantyInMonths%20element%20of%20the%20GoodRelations%20Vocabulary% Commerce)

(rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

URI http://purl.org/goodrelations/v1#durationOfWarrantyInMonths (http://purl.org/goodrelations/v1#durationOfWarrantyInMonths)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) duration of warranty in months (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the duration of the gr:WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise) in months.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:WarrantyPromise
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#int (http://www.w3.org/2001/XMLSchema#int)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

gr:eligibleRegions (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleRegions&text=gr%3AeligibleRegions%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleRegions&title=gr%3AeligibleRegions%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleRegions&title=gr%3AeligibleRegions%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23eligibleRegions&t=gr%3AeligibleRegions%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#eligibleRegions (http://purl.org/goodrelations/v1#eligibleRegions)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) eligible regions (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the geo-political region or regions for which the gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:License (http://purl.org/goodrelations/v1#License), or gr:DeliveryChargeSpecification (http://purl.org/goodrelations/v1#DeliveryChargeSpecification) is valid using the two-character version of ISO 3166-1 (ISO 3166-1 alpha-2) for regions or ISO 3166-2 , which breaks down the countries from ISO 3166-1 into administrative subdivisions.

Important: Do NOT use 3-letter ISO 3166-1 codes!

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:License gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">Hepp Personal SCSI Controller Card</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  <time itemprop="http://purl.org/goodrelations/v1#validThrough" datetime="2012-11-30T23
  This item will only be delivered to
  <meta itemprop="http://purl.org/goodrelations/v1#eligibleRegions" content="DE">Germany
  <meta itemprop="http://purl.org/goodrelations/v1#eligibleRegions" content="US-CA">Cali
USA.
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">Hepp Personal SCSI Controller Card</div>
  <div rel="gr:hasBusinessFunction"
       resource="http://purl.org/goodrelations/v1#Sell"></div>
  <div property="gr:validThrough" datatype="xsd:dateTime"
       content="2012-11-30T23:59:59Z"></div>
  This item will only be delivered to
  <span property="gr:eligibleRegions" content="DE">Germany</span> and
  <span property="gr:eligibleRegions" content="US-CA">California, USA.</span>
<!-- other offer properties follow here -->
...
</div>
```

```
# This offer will be delivered to Germany and California only
foo:offer a gr:Offering;
    gr:name "Hepp Personal SCSI Controller Card"@en;
        gr:hasBusinessFunction gr:Sell;
        gr:validThrough "2012-11-30T23:59:59Z"^^xsd:time;
        gr:eligibleRegions "DE"^^xsd:string,
                           "US-CA"^^xsd:string.
```

gr:hasCurrency (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasCurrency&text=gr%3AhasCurrency%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasCurrency&title=gr%3AhasCurrency%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasCurrency&title=gr%3AhasCurrency%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasCurrency&t=gr%3AhasCurrency%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasCurrency (http://purl.org/goodrelations/v1#hasCurrency)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has currency (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The currency for all prices in the gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) given using the ISO 4217 standard (3 characters).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">ACME Anvil</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  Price: <div itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">
        <meta itemprop="hasCurrency" content="USD">$
    <span itemprop="hasCurrencyValue">4</span>
  </div>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">ACME Anvil</div>
  <div rel="gr:hasBusinessFunction"
       resource="http://purl.org/goodrelations/v1#Sell"></div>
  Price: <div rel="gr:hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">
          <span property="gr:hasCurrency" content="USD">$</span>
      <span property="gr:hasCurrencyValue" datatype="xsd:float">4</span>
    </div>
  </div>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:offer a gr:Offering;
        gr:name "ACME Anvil"@en;
        gr:hasBusinessFunction gr:Sell;
        gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                                   gr:hasCurrency "USD"^^xsd:string;
                                   gr:hasCurrencyValue "4.0"^^xsd:float ].
```

gr:hasCurrencyValue (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1%23hasCurrencyValue&text=gr%3AhasCurrencyValue%20of
%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en)
(http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23hasCurrencyValue&
title=gr%3AhasCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23hasCurrencyValue&
title=gr%3AhasCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasCurrencyValue&
t=gr%3AhasCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E
Commerce)

URI http://purl.org/goodrelations/v1#hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMaxCurrencyValue gr:hasMinCurrencyValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has currency value (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the amount of money for a price per unit, shipping charges, or payment charges. The currency and other relevant details are attached to the respective gr:PriceSpecification (http://purl.org/goodrelations /v1#PriceSpecification) etc.

For a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification), this is the price for one unit or bundle (as specified in the unit of measurement of the unit price specification) of the respective gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). For a gr:DeliveryChargeSpecification (http://purl.org/goodrelations /v1#DeliveryChargeSpecification) or a gr:PaymentChargeSpecification (http://purl.org/goodrelations /v1#PaymentChargeSpecification), it is the price per delivery or payment.

GoodRelations also supports giving price information as intervals only. If this is needed, use gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) for the upper bound and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) for the lower bound.

Using gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) sets the upper and lower bounds to the same given value, i.e., x gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) y implies x gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) y, x gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) y.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org /2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Examples

```
<div itemscope itemtype="http://schema.org/Offer" itemid="#offer">
  <div itemprop="name">ACME Anvil</div>
  <link itemprop="http://purl.org/goodrelations/v1#hasBusinessFunction"
        href="http://purl.org/goodrelations/v1#Sell" />
  Price: <div itemprop="http://purl.org/goodrelations/v1#hasPriceSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">
        <meta itemprop="hasCurrency" content="USD">$
    <span itemprop="hasCurrencyValue">4</span>
  </div>
<!-- other offer properties follow here -->
...
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">ACME Anvil</div>
  <div rel="gr:hasBusinessFunction"
       resource="http://purl.org/goodrelations/v1#Sell"></div>
  Price: <div rel="gr:hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">
          <span property="gr:hasCurrency" content="USD">$</span>
      <span property="gr:hasCurrencyValue" datatype="xsd:float">4</span>
    </div>
  </div>
<!-- other offer properties follow here -->
...
</div>
```

```
foo:offer a gr:Offering;
        gr:name "ACME Anvil"@en;
        gr:hasBusinessFunction gr:Sell;
        gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                                   gr:hasCurrency "USD"^^xsd:string;
                                   gr:hasCurrencyValue "4.0"^^xsd:float ].
```

gr:hasDUNS (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasDUNS&text=gr%3AhasDUNS%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasDUNS&title=gr%3AhasDUNS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasDUNS&title=gr%3AhasDUNS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasDUNS&t=gr%3AhasDUNS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasDUNS (http://purl.org/goodrelations/v1#hasDUNS)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has DUNS (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Dun & Bradstreet DUNS number for identifying a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity). The Dun & Bradstreet DUNS is a nine-digit number used to identify legal entities (but usually not branches or locations of logistical importance only).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/Postal
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
  DUNS: <span itemprop="hasDUNS">123456789</span>
  GLN: <span itemprop="hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span itemprop="hasISICv4">621</span>
  NAICS: <span itemprop="hasNAICS">336612</span>
  Our Tax ID: <span itemprop="taxID">77123/12345</span>
  Our VAT ID: <span itemprop="vatID">DE268 123 456</span>
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  DUNS: <span property="gr:hasDUNS">123456789</span>
  GLN: <span property="gr:hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span property="gr:hasISICv4">621</span>
  NAICS: <span property="gr:hasNAICS">336612</span>
  Our Tax ID: <span property="gr:taxID">77123/12345</span>
  Our VAT ID: <span property="gr:vatID">DE268 123 456</span>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasDUNS "123456789"^^xsd:string;
        gr:hasGlobalLocationNumber "1234567890123"^^xsd:string;
        gr:hasISICv4 "621"^^xsd:string;
        gr:hasNAICS "336612"^^xsd:string;
        gr:taxID "77123/12345"^^xsd:string;
        gr:vatID "DE268 123 456"^^xsd:string .
```

gr:hasEAN_UCC-13 (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasEAN_UCC-13&text=gr%3AhasEAN_UCC-13%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasEAN_UCC-13&title=gr%3AhasEAN_UCC-13%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasEAN_UCC-13&title=gr%3AhasEAN_UCC-13%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasEAN_UCC-13&t=gr%3AhasEAN_UCC-13%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasEAN_UCC-13 (http://purl.org/goodrelations/v1#hasEAN_UCC-13)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) http://schema.org/productID (http://schema.org/productID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has EAN/UCC-13 (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The EAN·UCC-13 code of the given gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) or gr:Offering (http://purl.org/goodrelations/v1#Offering). This code is now officially called GTIN-13 (Global Trade Identifier Number) or EAN·UCC-13. Former 12-digit UPC codes can be converted into EAN·UCC-13 code by simply adding a preceeding zero.

Note 1: When using this property for searching by 12-digit UPC codes, you must add a preceeding zero digit.
Note 2: As of January 1, 2007, the former ISBN numbers for books etc. have been integrated into the EAN·UCC-13 code. For each old ISBN-10 code, there exists a proper translation into EAN·UCC-13 by adding "978" or "979" as prefix. Since the old ISBN-10 is now deprecated, GoodRelations does not provide a property for ISBNs.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel" itemid=
  <span itemprop="name">ACME Colorvision 123</span>
  <span itemprop="description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  EAN/UPC: <span itemprop="hasEAN_UCC-13">1234567890123</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Colorvision 123</span>
  <span property="gr:description">The ACME Colorvision 123 is the leading-edge color TV
our company.</span>
  EAN/UPC: <span property="gr:hasEAN_UCC-13" datatype="xsd:string">1234567890123</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Colorvision 123"@en;
    gr:description "The ACME Colorvision 123 is the leading-edge color TV from our compa
    gr:hasEAN_UCC-13 "1234567890123"^^xsd:string.
```

gr:hasGlobalLocationNumber (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGlobalLocationNumber&text=gr%3AhasGlobalLocationNumber%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGlobalLocationNumber&title=gr%3AhasGlobalLocationNumber%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGlobalLocationNumber&title=gr%3AhasGlobalLocationNumber%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasGlobalLocationNumber&t=gr%3AhasGlobalLocationNumber%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce)

URI http://purl.org/goodrelations/v1#hasGlobalLocationNumber (http://purl.org/goodrelations/v1#hasGlobalLocationNumber)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has Global Location Number (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Global Location Number (GLN, sometimes also referred to as International Location Number or ILN) of the respective gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) or gr:Location (http://purl.org/goodrelations

/v1#Location).
The Global Location Number is a thirteen-digit number used to identify parties and physical locations.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity gr:Location http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person) http://schema.org/Place (http://schema.org/Place)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/Postal
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
  DUNS: <span itemprop="hasDUNS">123456789</span>
  GLN: <span itemprop="hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span itemprop="hasISICv4">621</span>
  NAICS: <span itemprop="hasNAICS">336612</span>
  Our Tax ID: <span itemprop="taxID">77123/12345</span>
  Our VAT ID: <span itemprop="vatID">DE268 123 456</span>
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  DUNS: <span property="gr:hasDUNS">123456789</span>
  GLN: <span property="gr:hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span property="gr:hasISICv4">621</span>
  NAICS: <span property="gr:hasNAICS">336612</span>
  Our Tax ID: <span property="gr:taxID">77123/12345</span>
  Our VAT ID: <span property="gr:vatID">DE268 123 456</span>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasDUNS "123456789"^^xsd:string;
        gr:hasGlobalLocationNumber "1234567890123"^^xsd:string;
        gr:hasISICv4 "621"^^xsd:string;
        gr:hasNAICS "336612"^^xsd:string;
        gr:taxID "77123/12345"^^xsd:string;
        gr:vatID "DE268 123 456"^^xsd:string .
```

gr:hasGTIN-14 (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGTIN-14&text=gr%3AhasGTIN-14%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGTIN-14&title=gr%3AhasGTIN-14%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGTIN-14&title=gr%3AhasGTIN-14%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasGTIN-14&t=gr%3AhasGTIN-14%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasGTIN-14 (http://purl.org/goodrelations/v1#hasGTIN-14)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) http://schema.org/productID (http://schema.org/productID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has GTIN-14 (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Global Trade Item Number (GTIN-14) of the given gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) or gr:Offering (http://purl.org/goodrelations/v1#Offering).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel" itemid="
  <span itemprop="name">ACME Colorvision 123</span>
  <span itemprop="description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  GTIN14: <span itemprop="hasGTIN-14">12345678901234</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Colorvision 123</span>
  <span property="gr:description">The ACME Colorvision 123 is the leading-edge color TV
our company.</span>
  GTIN14: <span property="gr:hasGTIN-14" datatype="xsd:string">12345678901234</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Colorvision 123"@en;
    gr:description "The ACME Colorvision 123 is the leading-edge color TV from our compa
    gr:hasGTIN-14 "12345678901234"^^xsd:string.
```

gr:hasGTIN-8 (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGTIN-8&text=gr%3AhasGTIN-8%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGTIN-8&title=gr%3AhasGTIN-8%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasGTIN-8&title=gr%3AhasGTIN-8%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasGTIN-8&t=gr%3AhasGTIN-8%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasGTIN-8 (http://purl.org/goodrelations/v1#hasGTIN-8)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) http://schema.org/productID (http://schema.org/productID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has GTIN-8 (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The 8-digit Global Trade Item Number (GTIN-8) of the given gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) or gr:Offering (http://purl.org/goodrelations/v1#Offering), also known as EAN/UCC-8 (8-digit EAN).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel" itemid="
  <span itemprop="name">ACME Colorvision 123</span>
  <span itemprop="description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  GTIN8: <span itemprop="hasGTIN-8">12345678</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Colorvision 123</span>
  <span property="gr:description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  GTIN8: <span property="gr:hasGTIN-8">12345678</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Colorvision 123"@en;
    gr:description "The ACME Colorvision 123 is the leading-edge color TV from our compa
    gr:hasGTIN-8 "12345678"^^xsd:string.
```

gr:hasISICv4 (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasISICv4&text=gr%3AhasISICv4%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasISICv4&title=gr%3AhasISICv4%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasISICv4&title=gr%3AhasISICv4%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasISICv4&t=gr%3AhasISICv4%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasISICv4 (http://purl.org/goodrelations/v1#hasISICv4)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has ISIC v4 (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The International Standard of Industrial Classification of All Economic Activities (ISIC), Revision 4 code for a particular gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) or gr:Location (http://purl.org/goodrelations/v1#Location). See http://unstats.un.org/unsd/cr/registry/isic-4.asp (http://unstats.un.org/unsd/cr/registry/isic-4.asp) for more information.

Note: While ISIC codes are sometimes misused for classifying products or services, they are designed and suited only for classifying business establishments.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity gr:Location http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person) http://schema.org/Place (http://schema.org/Place)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#int (http://www.w3.org/2001/XMLSchema#int)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/Postal
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
  DUNS: <span itemprop="hasDUNS">123456789</span>
  GLN: <span itemprop="hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span itemprop="hasISICv4">621</span>
  NAICS: <span itemprop="hasNAICS">336612</span>
  Our Tax ID: <span itemprop="taxID">77123/12345</span>
  Our VAT ID: <span itemprop="vatID">DE268 123 456</span>
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  DUNS: <span property="gr:hasDUNS">123456789</span>
  GLN: <span property="gr:hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span property="gr:hasISICv4">621</span>
  NAICS: <span property="gr:hasNAICS">336612</span>
  Our Tax ID: <span property="gr:taxID">77123/12345</span>
  Our VAT ID: <span property="gr:vatID">DE268 123 456</span>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasDUNS "123456789"^^xsd:string;
        gr:hasGlobalLocationNumber "1234567890123"^^xsd:string;
        gr:hasISICv4 "621"^^xsd:string;
        gr:hasNAICS "336612"^^xsd:string;
        gr:taxID "77123/12345"^^xsd:string;
        gr:vatID "DE268 123 456"^^xsd:string .
```

gr:hasMaxCurrencyValue (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxCurrencyValue&text=gr%3AhasMaxCurrencyValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxCurrencyValue&title=gr%3AhasMaxCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20f Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxCurrencyValue&title=gr%3AhasMaxCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20f Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMaxCurrencyValue&t=gr%3AhasMaxCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for% Commerce)

URI http://purl.org/goodrelations/v1#hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has max currency value (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the UPPER BOUND of the amount of money for a price RANGE per unit, shipping charges, or payment charges. The currency and other relevant details are attached to the respective gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) etc.
For a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification), this is the UPPER BOUND for the price for one unit or bundle (as specified in the unit of measurement of the unit price specification) of the respective gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). For a gr:DeliveryChargeSpecification (http://purl.org/goodrelations/v1#DeliveryChargeSpecification) or a gr:PaymentChargeSpecification (http://purl.org/goodrelations/v1#PaymentChargeSpecification), it is the UPPER BOUND of the price per delivery or payment.

Using gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) sets the upper and lower bounds to the same given value, i.e., x gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) y implies x gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) y, x gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) y.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Subproperties

- gr:hasCurrencyValue

Discussions and Links

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Offering" itemid="#offer">
  <div itemprop="name">GoodRelations T-Shirt - Various Designs</div>
  <link itemprop="hasBusinessFunction"
     href="http://purl.org/goodrelations/v1#Sell" />
  <div itemscope itemprop="hasPriceSpecification"
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">Price:
    <meta itemprop="hasCurrency" content="USD">$
    <span itemprop="hasMinCurrencyValue">10.00</span> to $
    <span itemprop="hasMaxCurrencyValue">99.99</span>
    <time itemprop="validThrough" datetime="2012-11-30T23:59:59Z"></time>
  </div>
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">GoodRelations T-Shirt - Various Designs</div>
  <div rel="gr:hasBusinessFunction"
     resource="http://purl.org/goodrelations/v1#Sell"></div>
  <div rel="gr:hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">Price:
    <div property="gr:hasCurrency" content="USD">$</div>
    <span property="gr:hasMinCurrencyValue">10.00</span> to $
    <span property="gr:hasMaxCurrencyValue">99.99</span>
    <div property="gr:validThrough" datatype="xsd:dateTime" content="2012-11-30T23:59:59
  </div>
</div>
```

```
foo:offer a gr:Offering;
     gr:name "GoodRelations T-Shirt - Various Designs";
     gr:hasBusinessFunction gr:Sell;
     gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                                gr:hasCurrency "USD"^^xsd:string;
                                gr:hasMinCurrencyValue "10.00"^^xsd:float;
                                gr:hasMaxCurrencyValue "99.99"^^xsd:float;
                                gr:validThrough "2012-11-30T23:59:59"^^xsd:dateTime ].
```

gr:hasMaxValue (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValue&text=gr%3AhasMaxValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValue&title=gr%3AhasMaxValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValue&title=gr%3AhasMaxValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMaxValue&t=gr%3AhasMaxValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasMaxValue (http://purl.org/goodrelations/v1#hasMaxValue)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has max value (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property captures the upper limit of a gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue) instance.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Subproperties

- gr:hasMaxValueFloat
- gr:hasMaxValueInteger
- gr:hasValue

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValue;
    gr:hasMaxValue "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "MMT"^^xsd:string .
# MMT: UN/CEFACT Common Code for "milimetre"
```

gr:hasMaxValueFloat (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValueFloat&text=gr%3AhasMaxValueFloat%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValueFloat&title=gr%3AhasMaxValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValueFloat&title=gr%3AhasMaxValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMaxValueFloat&t=gr%3AhasMaxValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20I
Commerce)

URI http://purl.org/goodrelations/v1#hasMaxValueFloat (http://purl.org/goodrelations/v1#hasMaxValueFloat)

rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMaxValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has max value float (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property captures the upper limit of a gr:QuantitativeValueFloat (http://purl.org/goodrelations/v1#QuantitativeValueFloat) instance.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValueFloat
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Subproperties

- gr:hasValueFloat

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValueFloat;
    gr:hasMaxValueFloat "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "MMT"^^xsd:string .
# MMT: UN/CEFACT Common Code for "milimetre"
```

gr:hasMaxValueInteger (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValueInteger&text=gr%3AhasMaxValueInteger%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValueInteger&title=gr%3AhasMaxValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMaxValueInteger&title=gr%3AhasMaxValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMaxValueInteger&t=gr%3AhasMaxValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce)

URI http://purl.org/goodrelations/v1#hasMaxValueInteger (http://purl.org/goodrelations/v1#hasMaxValueInteger)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMaxValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has max value integer (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property captures the upper limit of a gr:QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger) instance.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#int (http://www.w3.org/2001/XMLSchema#int)

Subproperties

- gr:hasValueInteger

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValueInteger;
    gr:hasMaxValueInteger "10"^^xsd:int;
    gr:hasUnitOfMeasurement "LTR"^^xsd:string .
# LTR: UN/CEFACT Common Code for "litre"
```

gr:hasMinCurrencyValue (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinCurrencyValue&text=gr%3AhasMinCurrencyValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinCurrencyValue&title=gr%3AhasMinCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20f Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinCurrencyValue&title=gr%3AhasMinCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20f Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMinCurrencyValue&t=gr%3AhasMinCurrencyValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for% Commerce)

URI http://purl.org/goodrelations/v1#hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has min currency value (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the LOWER BOUND of the amount of money for a price RANGE per unit, shipping charges, or payment charges. The currency and other relevant details are attached to the respective gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) etc.
For a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification), this is the LOWER BOUND for the price for one unit or bundle (as specified in the unit of measurement of the unit price specification) of the respective gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). For a gr:DeliveryChargeSpecification (http://purl.org/goodrelations/v1#DeliveryChargeSpecification) or a gr:PaymentChargeSpecification (http://purl.org/goodrelations/v1#PaymentChargeSpecification), it is the LOWER BOUND of the price per delivery or payment.

Using gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) sets the upper and lower bounds to the same given value, i.e., x gr:hasCurrencyValue (http://purl.org/goodrelations/v1#hasCurrencyValue) y implies x gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) y, x gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) y.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Subproperties

- gr:hasCurrencyValue

Discussions and Links

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Offering" itemid="#offer">
  <div itemprop="name">GoodRelations T-Shirt - Various Designs</div>
  <link itemprop="hasBusinessFunction"
     href="http://purl.org/goodrelations/v1#Sell" />
  <div itemscope itemprop="hasPriceSpecification"
       itemtype="http://purl.org/goodrelations/v1#UnitPriceSpecification">Price:
    <meta itemprop="hasCurrency" content="USD">$
    <span itemprop="hasMinCurrencyValue">10.00</span> to $
    <span itemprop="hasMaxCurrencyValue">99.99</span>
    <time itemprop="validThrough" datetime="2012-11-30T23:59:59Z"></time>
  </div>
</div>
```

```
<div typeof="gr:Offering" about="#offer">
  <div property="gr:name">GoodRelations T-Shirt - Various Designs</div>
  <div rel="gr:hasBusinessFunction"
     resource="http://purl.org/goodrelations/v1#Sell"></div>
  <div rel="gr:hasPriceSpecification">
    <div typeof="gr:UnitPriceSpecification">Price:
    <div property="gr:hasCurrency" content="USD">$</div>
    <span property="gr:hasMinCurrencyValue">10.00</span> to $
    <span property="gr:hasMaxCurrencyValue">99.99</span>
    <div property="gr:validThrough" datatype="xsd:dateTime" content="2012-11-30T23:59:59
  </div>
</div>
```

```
foo:offer a gr:Offering;
     gr:name "GoodRelations T-Shirt - Various Designs";
     gr:hasBusinessFunction gr:Sell;
     gr:hasPriceSpecification [ a gr:UnitPriceSpecification;
                                gr:hasCurrency "USD"^^xsd:string;
                                gr:hasMinCurrencyValue "10.00"^^xsd:float;
                                gr:hasMaxCurrencyValue "99.99"^^xsd:float;
                                gr:validThrough "2012-11-30T23:59:59"^^xsd:dateTime ].
```

gr:hasMinValue (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValue&text=gr%3AhasMinValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValue&title=gr%3AhasMinValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValue&title=gr%3AhasMinValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMinValue&t=gr%3AhasMinValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasMinValue (http://purl.org/goodrelations/v1#hasMinValue)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has min value (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property captures the lower limit of a gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue) instance.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Subproperties

- gr:hasMinValueFloat

- gr:hasMinValueInteger
- gr:hasValue

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValue;
    gr:hasMinValue "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "MMT"^^xsd:string .
# MMT: UN/CEFACT Common Code for "milimetre"
```

gr:hasMinValueFloat (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValueFloat&text=gr%3AhasMinValueFloat%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValueFloat&title=gr%3AhasMinValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValueFloat&title=gr%3AhasMinValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMinValueFloat&t=gr%3AhasMinValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce)

URI http://purl.org/goodrelations/v1#hasMinValueFloat (http://purl.org/goodrelations/v1#hasMinValueFloat)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMinValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has min value float (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property captures the lower limit of a gr:QuantitativeValueFloat (http://purl.org/goodrelations/v1#QuantitativeValueFloat) instance.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValueFloat
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Subproperties

- gr:hasValueFloat

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValueFloat;
    gr:hasMinValueFloat "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "MMT"^^xsd:string .
# MMT: UN/CEFACT Common Code for "milimetre"
```

gr:hasMinValueInteger (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValueInteger&text=gr%3AhasMinValueInteger%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValueInteger&title=gr%3AhasMinValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMinValueInteger&title=gr%3AhasMinValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMinValueInteger&t=gr%3AhasMinValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce)

URI http://purl.org/goodrelations/v1#hasMinValueInteger (http://purl.org/goodrelations/v1#hasMinValueInteger)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMinValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has min value integer (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property captures the lower limit of a gr:QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger) instance.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#int (http://www.w3.org/2001/XMLSchema#int)

Subproperties

- gr:hasValueInteger

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValueInteger;
    gr:hasMinValueInteger "10"^^xsd:int;
    gr:hasUnitOfMeasurement "LTR"^^xsd:string .
# LTR: UN/CEFACT Common Code for "litre"
```

gr:hasMPN (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMPN&text=gr%3AhasMPN%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMPN&title=gr%3AhasMPN%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMPN&title=gr%3AhasMPN%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-

Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMPN&t=gr%3AhasMPN%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasMPN (http://purl.org/goodrelations/v1#hasMPN)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) http://schema.org/productID (http://schema.org/productID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has MPN (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Manufacturer Part Number or MPN is a unique identifier for a product, service, or bundle from the perspective of a particular manufacturer. MPNs can be assigned to products or product datasheets, or bundles. Accordingly, the domain of this property is the union of gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) (the common superclass of goods and datasheets), and gr:Offering (http://purl.org/goodrelations/v1#Offering).

Important: Be careful when assuming two products or services instances or offering instances to be identical based on the MPN. Since MPNs are unique only for the same gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity), this holds only when the two MPN values refer to the same gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity). Such can be done by taking into account the provenance of the data.

Usually, the properties gr:hasEAN_UCC-13 (http://purl.org/goodrelations/v1#hasEAN_UCC-13) and gr:hasGTIN-14 (http://purl.org/goodrelations/v1#hasGTIN-14) are much more reliable identifiers, because they are globally unique.

See also http://en.wikipedia.org/wiki/Part_number (http://en.wikipedia.org/wiki/Part_number)

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel" itemid="
  <span itemprop="name">ACME Colorvision TV123</span>
  <span itemprop="description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  Manufacturer Part No.: <span itemprop="hasMPN">TV123</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Colorvision TV123</span>
  <span property="gr:description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  Manufacturer Part No.: <span property="gr:hasMPN">TV123</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Colorvision TV123"@en;
    gr:description "The ACME Colorvision 123 is the leading-edge color TV from our compa
    gr:hasMPN "TV123"^^xsd:string.
```

gr:hasNAICS (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasNAICS&text=gr%3AhasNAICS%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasNAICS&title=gr%3AhasNAICS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasNAICS&title=gr%3AhasNAICS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-

Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasNAICS&t=gr%3AhasNAICS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasNAICS (http://purl.org/goodrelations/v1#hasNAICS)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has NAICS (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The North American Industry Classification System (NAICS) code for a particular gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).
See http://www.census.gov/eos/www/naics/ (http://www.census.gov/eos/www/naics/) for more details.

Note: While NAICS codes are sometimes misused for classifying products or services, they are designed and suited only for classifying business establishments.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#int (http://www.w3.org/2001/XMLSchema#int)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/Postal
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
  DUNS: <span itemprop="hasDUNS">123456789</span>
  GLN: <span itemprop="hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span itemprop="hasISICv4">621</span>
  NAICS: <span itemprop="hasNAICS">336612</span>
  Our Tax ID: <span itemprop="taxID">77123/12345</span>
  Our VAT ID: <span itemprop="vatID">DE268 123 456</span>
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  DUNS: <span property="gr:hasDUNS">123456789</span>
  GLN: <span property="gr:hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span property="gr:hasISICv4">621</span>
  NAICS: <span property="gr:hasNAICS">336612</span>
  Our Tax ID: <span property="gr:taxID">77123/12345</span>
  Our VAT ID: <span property="gr:vatID">DE268 123 456</span>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasDUNS "123456789"^^xsd:string;
        gr:hasGlobalLocationNumber "1234567890123"^^xsd:string;
        gr:hasISICv4 "621"^^xsd:string;
        gr:hasNAICS "336612"^^xsd:string;
        gr:taxID "77123/12345"^^xsd:string;
        gr:vatID "DE268 123 456"^^xsd:string .
```

gr:hasStockKeepingUnit (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasStockKeepingUnit&text=gr%3AhasStockKeepingUnit%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasStockKeepingUnit&title=gr%3AhasStockKeepingUnit%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasStockKeepingUnit&title=gr%3AhasStockKeepingUnit%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasStockKeepingUnit&t=gr%3AhasStockKeepingUnit%20element%20of%20the%20GoodRelations%20Vocabulary%20for% Commerce)

URI http://purl.org/goodrelations/v1#hasStockKeepingUnit (http://purl.org/goodrelations/v1#hasStockKeepingUnit)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) http://schema.org/productID (http://schema.org/productID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has Stock Keeping Unit (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Stock Keeping Unit, or SKU is a unique identifier for a product, service, or bundle from the perspective of a particular supplier, i.e. SKUs are mostly assigned and serialized at the merchant level.
Examples of SKUs are the ordering or parts numbers used by a particular Web shop or catalog.

Consequently, the domain of gr:hasStockKeepingUnit (http://purl.org/goodrelations/v1#hasStockKeepingUnit) is the union of the classes gr:Offering (http://purl.org/goodrelations/v1#Offering) and gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).
If attached to a gr:Offering (http://purl.org/goodrelations/v1#Offering), the SKU will usually reflect a merchant-specific identifier, i.e. one valid only for that particular retailer or shop.
If attached to a gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel), the SKU can reflect either the identifier used by the merchant or the part number used by the official manufacturer of that part. For the latter, gr:hasMPN (http://purl.org/goodrelations/v1#hasMPN) is a better choice.

Important: Be careful when assuming two products or services instances or offering instances to be identical based on the SKU. Since SKUs are unique only for the same gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity), this can be assumed only when you are sure that the two SKU values refer to the same business entity. Such can be done by taking into account the provenance of the data. As long as instances of gr:Offering (http://purl.org/goodrelations/v1#Offering) are concerned, you can also check that the offerings are being offered by the same gr:Business (http://purl.org/goodrelations/v1#Business) Entity.

Usually, the properties gr:hasEAN_UCC-13 (http://purl.org/goodrelations/v1#hasEAN_UCC-13) and gr:hasGTIN-14 (http://purl.org/goodrelations/v1#hasGTIN-14) are much more reliable identifiers, because they are globally unique.

See also http://en.wikipedia.org/wiki/Stock_Keeping_Unit (http://en.wikipedia.org/wiki/Stock_Keeping_Unit).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel" itemid="
  <span itemprop="name">ACME Colorvision 123</span>
  <span itemprop="description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
 Article No.: <span itemprop="hasStockKeepingUnit">00-1234</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" about="#model">
  <span property="gr:name">ACME Colorvision TV123</span>
  <span property="gr:description">The ACME Colorvision 123 is the
leading-edge color TV from our company.</span>
  Article No.: <span property="gr:hasStockKeepingUnit">00-1234</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Colorvision TV123"@en;
    gr:description "The ACME Colorvision 123 is the leading-edge color TV from our compa
    gr:hasStockKeepingUnit "00-1234"^^xsd:string.
```

gr:hasUnitOfMeasurement (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasUnitOfMeasurement&text=gr%3AhasUnitOfMeasurement%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasUnitOfMeasurement&title=gr%3AhasUnitOfMeasurement%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasUnitOfMeasurement&title=gr%3AhasUnitOfMeasurement%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasUnitOfMeasurement&t=gr%3AhasUnitOfMeasurement%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce)

URI http://purl.org/goodrelations/v1#hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has unit of measurement (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The unit of measurement for a gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue), a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification), or a gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode) given using the UN/CEFACT Common Code (3 characters).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger gr:TypeAndQuantityNode gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:price a gr:UnitPriceSpecification;
    gr:hasCurrency "EUR"^^xsd:string;
    gr:hasCurrencyValue "69.99"^^xsd:float;
    gr:hasUnitOfMeasurement "C62"^^xsd:string .
```

gr:hasValue (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValue&text=gr%3AhasValue%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValue&title=gr%3AhasValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValue&title=gr%3AhasValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasValue&t=gr%3AhasValue%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasValue (http://purl.org/goodrelations/v1#hasValue)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMaxValue gr:hasMinValue
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has value (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This subproperty specifies that the upper and lower limit of the given gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue) are identical and have the respective value. It is a shortcut for such cases where a quantitative property is (at least practically) a single point value and not an interval.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValue;
    gr:hasValue "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "MMT"^^xsd:string .
# MMT: UN/CEFACT Common Code for "milimetre"
```

gr:hasValueFloat (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValueFloat&text=gr%3AhasValueFloat%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValueFloat&title=gr%3AhasValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValueFloat&title=gr%3AhasValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasValueFloat&

t=gr%3AhasValueFloat%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasValueFloat (http://purl.org/goodrelations/v1#hasValueFloat)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMaxValueFloat gr:hasMinValueFloat
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has value float (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This subproperty specifies that the upper and lower limit of the given gr:QuantitativeValueFloat (http://purl.org/goodrelations/v1#QuantitativeValueFloat) are identical and have the respective float value. It is a shortcut for such cases where a quantitative property is (at least practically) a single point value and not an interval.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValueFloat
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#float (http://www.w3.org/2001/XMLSchema#float)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValueFloat;
    gr:hasValueFloat "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "MMT"^^xsd:string .
# MMT: UN/CEFACT Common Code for "milimetre"
```

gr:hasValueInteger (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValueInteger&text=gr%3AhasValueInteger%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValueInteger&title=gr%3AhasValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasValueInteger&title=gr%3AhasValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasValueInteger&t=gr%3AhasValueInteger%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasValueInteger (http://purl.org/goodrelations/v1#hasValueInteger)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf) gr:hasMaxValueInteger gr:hasMinValueInteger
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has value integer (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This subproperty specifies that the upper and lower limit of the given gr:QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger) are identical and have the respective integer value. It is a shortcut for such cases where a quantitative property is (at least practically) a single point value and not an interval.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#int (http://www.w3.org/2001/XMLSchema#int)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:value a gr:QuantitativeValueInteger;
    gr:hasValueInteger "10"^^xsd:int;
    gr:hasUnitOfMeasurement "LTR"^^xsd:string .
# LTR: UN/CEFACT Common Code for "litre"
```

gr:legalName (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23legalName&text=gr%3AlegalName%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23legalName&title=gr%3AlegalName%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23legalName&title=gr%3AlegalName%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23legalName&t=gr%3AlegalName%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#legalName (http://purl.org/goodrelations/v1#legalName)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) legal name (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The legal name of the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity
http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:be a gr:BusinessEntity;
    gr:legalName "Hepp's Bagel Bakery Ltd."@en .
```

gr:name (http://twitter.com (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23name&text=gr%3Aname%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23name&title=gr%3Aname%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23name&title=gr%3Aname%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1.html%23name&t=gr%3Aname%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#name (http://purl.org/goodrelations/v1#name)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) name (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A short text describing the respective resource.

This property is semantically equivalent to dcterms:title and rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) and just meant as a handy shortcut for marking up data.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Brand gr:BusinessEntity gr:BusinessEntityType gr:BusinessFunction gr:DayOfWeek gr:DeliveryChargeSpecification gr:DeliveryMethod gr:DeliveryModeParcelService gr:Individual gr:License gr:Location gr:Offering gr:OpeningHoursSpecification gr:PaymentChargeSpecification gr:PaymentMethod gr:PaymentMethodCreditCard gr:PriceSpecification gr:ProductOrService gr:ProductOrServiceModel gr:QualitativeValue gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger gr:SomeItems gr:TypeAndQuantityNode gr:UnitPriceSpecification gr:WarrantyPromise gr:WarrantyScope http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person) http://www.w3.org/2002/07/owl#Thing (http://www.w3.org/2002/07/owl#Thing)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2000/01/rdf-schema#Literal (http://www.w3.org/2000/01/rdf-schema#Literal)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#ProductOrServiceModel"
     itemid="#product">
  <span itemprop="name">ACME Anvil with Wifi</span>
  <span itemprop="description">This is the world&apos;s first anvil with Wifi connectivi
Useless, yet cool.</span>
</div>
```

```
<div typeof="gr:ProductOrServiceModel" itemid="#product">
  <span property="gr:name">ACME Anvil with Wifi</span>
  <span property="gr:description">This is the world&apos;s first anvil with Wifi connect
Useless, yet cool.</span>
</div>
```

```
foo:model a gr:ProductOrServiceModel;
    gr:name "ACME Anvil with Wifi"@en;
    gr:description "This is the world's first anvil with Wifi connectivity. Useless, yet
```

gr:opens (http://twitter.com (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23opens&text=gr%3Aopens%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23opens&title=gr%3Aopens%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23opens&title=gr%3Aopens%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23opens&t=gr%3Aopens%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#opens (http://purl.org/goodrelations/v1#opens)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) opens (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The opening hour of the gr:Location (http://purl.org/goodrelations/v1#Location) on the given gr:DayOfWeek (http://purl.org/goodrelations/v1#DayOfWeek).
If no time-zone suffix is included, the time is given in the local time valid at the gr:Location (http://purl.org/goodrelations/v1#Location).

For a time in GMT/UTC, simply add a "Z" following the time:

09:30:10Z.

Alternatively, you can specify an offset from the UTC time by adding a positive or negative time following the time:

09:30:10-09:00

or

09:30:10+09:00.

Note 1: Use 00:00:00 for the first second of the respective day and 23:59:59 for the last second of that day.
Note 2: If a store opens at 17:00 on Saturdays and closes at 03:00:00 a.m. next morning, use 17:00:00 - 23:59:59 for Saturday and 00:00:00 - 03:00:00 for Sunday.
Note 3: If the shop re-opens on the same day of the week or set of days of the week, you must create a second instance of gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:OpeningHoursSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#time (http://www.w3.org/2001/XMLSchema#time)

Examples

```
<div itemscope itemtype="http://schema.org/Place" itemid="#store">
  <span itemprop="name">ACME Store Munich</span>
...
  <div itemprop="http://purl.org/goodrelations/v1#hasOpeningHoursSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#OpeningHoursSpecification">
Opening hours: Mon-Sun,
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Monday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Tuesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Wednesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Thursday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Friday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Saturday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Sunday" />
     <meta itemprop="opens" content="08:00:00">8:00 a.m. -
     <meta itemprop="closes" content="20:00:00">8:00 p.m.
  </div>
</div>
```

```
<div typeof="gr:Location" about="#store">
  <span property="gr:name">ACME Store Munich</span>
...
  <div rel="gr:hasOpeningHoursSpecification">
     <div typeof="gr:OpeningHoursSpecification">
Opening hours: Mon-Sun,
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Monday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Tuesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Wednesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Thursday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Friday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Saturday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Sunday"></div>
       <span itemprop="opens" content="08:00:00">8:00 a.m. -</span>
       <span itemprop="closes" content="20:00:00">8:00 p.m.</span>
     </div>
  </div>
</div>
```

```
foo:store a gr:Location;
    gr:name "ACME Store Munich"@en;
    s:address [ a s:PostalAddress;
                s:streetAddress "ACME Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasOpeningHoursSpecification [ a gr:OpeningHoursSpecification;
                                      gr:opens "08:00:00"^^xsd:time;
                                      gr:closes "20:00:00"^^xsd:time;
                                      gr:hasOpeningHoursDayOfWeek gr:Monday,
                                           gr:Tuesday, gr:Wednesday, gr:Thursday,
                                           gr:Friday, gr:Saturday, gr:Sunday ].
```

gr:priceType (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23priceType&text=gr%3ApriceType%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23priceType&title=gr%3ApriceType%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23priceType&title=gr%3ApriceType%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23priceType&t=gr%3ApriceType%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#priceType (http://purl.org/goodrelations/v1#priceType)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) price type (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This attribute can be used to distinguish multiple different price specifications for the same gr:Offering (http://purl.org/goodrelations/v1#Offering). It supersedes the former gr:isListPrice (http://purl.org/goodrelations/v1#isListPrice) property. The following values are recommended:

The absence of this property marks the actual sales price.

SRP: "suggested retail price" - applicable for all sorts of a non-binding retail price recommendations, e.g. such published by the manufacturer or the distributor. This value replaces the former gr:isListPrice (http://purl.org/goodrelations

/v1#isListPrice) property.

INVOICE: The invoice price, mostly used in the car industry - this is the price a dealer pays to the manufacturer, excluding rebates and charges.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The suggested retail price is 4.50 US Dollars per kilogram.

```
foo:price a gr:UnitPriceSpecification;
        gr:hasCurrency "USD"^^xsd:string;
        gr:hasCurrencyValue "4.5"^^xsd:float;
        gr:hasUnitOfMeasurement "KGM"^^xsd:string;
        gr:valueAddedTaxIncluded "true"^^xsd:boolean;
        gr:priceType "SRP"^^xsd:string .
```

gr:serialNumber (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23serialNumber&text=gr%3AserialNumber%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23serialNumber&title=gr%3AserialNumber%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23serialNumber&title=gr%3AserialNumber%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23serialNumber&t=gr%3AserialNumber%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#serialNumber (http://purl.org/goodrelations/v1#serialNumber)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) serial number (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The serial number or any alphanumeric identifier of a particular product. Note that serial number are unique only for the same brand or the same model, so you cannot infer from two occurrences of the same serial number that the objects to which they are attached are identical.

This property can also be attached to a gr:Offering (http://purl.org/goodrelations/v1#Offering) in cases where the included products are not modeled in more detail.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:Offering gr:ProductOrServiceModel gr:SomeItems http://schema.org/Offer (http://schema.org/Offer) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#Individual" itemid="#item">
  <span itemprop="name">ACME Colorvision 123</span>
  <span itemprop="description">This is one of the few ACME Colorvision 123 TV sets that s
exists - a true rarity.</span>
 Serial No.: <span itemprop="serialNumber">012345678ABCDED</span>
</div>
```

```
<div typeof="gr:Individual" about="#item">
  <span property="gr:name">ACME Colorvision TV123</span>
  <span property="gr:description">TThis is one of the few ACME Colorvision 123 TV sets tl
exists - a true rarity.</span>
  Serial No.: <span property="gr:serialNumber">012345678ABCDED</span>
</div>
```

```
foo:model a gr:Individual;
    gr:name "ACME Colorvision TV123"@en;
    gr:description "This is one of the few ACME Colorvision 123 TV sets that still exists
    gr:serialNumber "012345678ABCDED"^^xsd:string.
```

gr:taxID (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23taxID&text=gr%3AtaxID%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23taxID&title=gr%3AtaxID%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23taxID&title=gr%3AtaxID%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23taxID&t=gr%3AtaxID%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

URI http://purl.org/goodrelations/v1#taxID (http://purl.org/goodrelations/v1#taxID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Tax ID (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Tax / Fiscal ID of the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity), e.g. the TIN in the US or the CIF/NIF in Spain. It is usually assigned by the country of residence

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/PostalA
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
  DUNS: <span itemprop="hasDUNS">123456789</span>
  GLN: <span itemprop="hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span itemprop="hasISICv4">621</span>
  NAICS: <span itemprop="hasNAICS">336612</span>
  Our Tax ID: <span itemprop="taxID">77123/12345</span>
  Our VAT ID: <span itemprop="vatID">DE268 123 456</span>
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  DUNS: <span property="gr:hasDUNS">123456789</span>
  GLN: <span property="gr:hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span property="gr:hasISICv4">621</span>
  NAICS: <span property="gr:hasNAICS">336612</span>
  Our Tax ID: <span property="gr:taxID">77123/12345</span>
  Our VAT ID: <span property="gr:vatID">DE268 123 456</span>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasDUNS "123456789"^^xsd:string;
        gr:hasGlobalLocationNumber "1234567890123"^^xsd:string;
        gr:hasISICv4 "621"^^xsd:string;
        gr:hasNAICS "336612"^^xsd:string;
        gr:taxID "77123/12345"^^xsd:string;
        gr:vatID "DE268 123 456"^^xsd:string .
```

gr:validFrom (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23validFrom&text=gr%3AvalidFrom%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23validFrom&title=gr%3AvalidFrom%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23validFrom&title=gr%3AvalidFrom%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23validFrom&t=gr%3AvalidFrom%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#validFrom (http://purl.org/goodrelations/v1#validFrom)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) valid from (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the beginning of the validity of the gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification), gr:License (http://purl.org/goodrelations/v1#License), or gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification).
A time-zone should be specified. For a time in GMT/UTC, simply add a "Z" following the time:

2008-05-30T09:30:10Z.

Alternatively, you can specify an offset from the UTC time by adding a positive or negative time following the time:

2008-05-30T09:30:10-09:00

or

2008-05-30T09:30:10+09:00.

Note: If multiple contradicting instances of a gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification), or gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification) exist, it is a good heuristics to assume that
1. Information with validity information for the respective period of time ranks higher than information without validity information.
2. Among conflicting nodes both having validity information, the one with the shorter validity span ranks higher.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:License gr:Offering gr:OpeningHoursSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#dateTime (http://www.w3.org/2001/XMLSchema#dateTime)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:validFrom "2008-05-30T09:30:10Z"^^xsd:dateTime .
```

gr:validThrough (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23validThrough&text=gr%3AvalidThrough%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23validThrough&title=gr%3AvalidThrough%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23validThrough&title=gr%3AvalidThrough%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23validThrough&t=gr%3AvalidThrough%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#validThrough (http://purl.org/goodrelations/v1#validThrough)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) valid through (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the end of the validity of the gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification), gr:License (http://purl.org/goodrelations/v1#License), or gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification).
A time-zone should be specified. For a time in GMT/UTC, simply add a "Z" following the time:

2008-05-30T09:30:10Z.

Alternatively, you can specify an offset from the UTC time by adding a positive or negative time following the time:

2008-05-30T09:30:10-09:00

or
2008-05-30T09:30:10+09:00.

Note 1: If multiple contradicting instances of a gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification), or gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification) exist, it is a good heuristics to assume that
1. Information with validity information for the respective period of time ranks higher than information without validity information.
2. Among conflicting nodes both having validity information, the one with the shorter validity span ranks higher.
Note 2: For Google, attaching a gr:validThrough (http://purl.org/goodrelations/v1#validThrough) statement to a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification) is mandatory.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:License gr:Offering gr:OpeningHoursSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#dateTime (http://www.w3.org/2001/XMLSchema#dateTime)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:validThrough "2028-05-30T09:30:10Z"^^xsd:dateTime .
```

gr:valueAddedTaxIncluded (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23valueAddedTaxIncluded&text=gr%3AvalueAddedTaxIncluded%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23valueAddedTaxIncluded&title=gr%3AvalueAddedTaxIncluded%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23valueAddedTaxIncluded&title=gr%3AvalueAddedTaxIncluded%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23valueAddedTaxIncluded&t=gr%3AvalueAddedTaxIncluded%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce)

URI http://purl.org/goodrelations/v1#valueAddedTaxIncluded (http://purl.org/goodrelations/v1#valueAddedTaxIncluded)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) value added tax included (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies whether the applicable value-added tax (VAT) is included in the price of the gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) or not.

Note: This is a simple representation which may not properly reflect all details of local taxation.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#boolean (http://www.w3.org/2001/XMLSchema#boolean)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:price a gr:UnitPriceSpecification;
    gr:hasCurrency "EUR"^^xsd:string;
    gr:hasCurrencyValue "69.99"^^xsd:float;
    gr:hasUnitOfMeasurement "C62"^^xsd:string;
    gr:valueAddedTaxIncluded "true"^^xsd:boolean .
```

gr:vatID (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23vatID&text=gr%3AvatID%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23vatID&title=gr%3AvatID%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23vatID&title=gr%3AvatID%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23vatID&t=gr%3AvatID%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty))

URI http://purl.org/goodrelations/v1#vatID (http://purl.org/goodrelations/v1#vatID)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) VAT ID (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The Value-added Tax ID of the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity). See http://en.wikipedia.org/wiki/Value_added_tax_identification_number (http://en.wikipedia.org/wiki/Value_added_tax_identification_number) for details.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#string (http://www.w3.org/2001/XMLSchema#string)

Examples

```
<div itemscope itemtype="http://purl.org/goodrelations/v1#BusinessEntity">
  <span itemprop="legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div itemscope itemprop="http://schema.org/address" itemtype="http://schema.org/PostalA
    Main address:
      <span itemprop="streetAddress">Bagel Street 1234</span>
      <span itemprop="postalCode">12345</span>
      <span itemprop="addressLocality">Munich, Germany</span>
  </div>
  DUNS: <span itemprop="hasDUNS">123456789</span>
  GLN: <span itemprop="hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span itemprop="hasISICv4">621</span>
  NAICS: <span itemprop="hasNAICS">336612</span>
  Our Tax ID: <span itemprop="taxID">77123/12345</span>
  Our VAT ID: <span itemprop="vatID">DE268 123 456</span>
</div>
```

```
<div typeof="gr:BusinessEntity">
  <span property="gr:legalName">ACME Bagel Bakery Ltd.</span>
Contact Details:
  <div rel="s:address">Main address:
    <div typeof="s:PostalAddress">
      <span property="s:streetAddress">Bagel Street 1234</span>
      <span property="s:postalCode">12345</span>
      <span property="s:addressLocality">Munich, Germany</span>
    </div>
  </div>
  DUNS: <span property="gr:hasDUNS">123456789</span>
  GLN: <span property="gr:hasGlobalLocationNumber">1234567890123</span>
  ISIC: <span property="gr:hasISICv4">621</span>
  NAICS: <span property="gr:hasNAICS">336612</span>
  Our Tax ID: <span property="gr:taxID">77123/12345</span>
  Our VAT ID: <span property="gr:vatID">DE268 123 456</span>
</div>
```

```
foo:ACME a gr:BusinessEntity;
    gr:legalName "ACME Bagel Bakery Ltd.";
    foaf:page <http://www.example.com/>;
    s:address [ a s:PostalAddress;
                s:streetAddress "Bagel Street 1234";
                s:postalCode "12345";
                s:addressLocality "Munich, Germany" ];
    gr:hasDUNS "123456789"^^xsd:string;
        gr:hasGlobalLocationNumber "1234567890123"^^xsd:string;
        gr:hasISICv4 "621"^^xsd:string;
        gr:hasNAICS "336612"^^xsd:string;
        gr:taxID "77123/12345"^^xsd:string;
        gr:vatID "DE268 123 456"^^xsd:string .
```

gr:isListPrice DEPRECATED (rdf:type owl:DatatypeProperty (http://www.w3.org/2002/07/owl#DatatypeProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isListPrice&text=gr%3AisListPrice%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isListPrice&title=gr%3AisListPrice%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isListPrice&title=gr%3AisListPrice%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23isListPrice&t=gr%3AisListPrice%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#isListPrice (http://purl.org/goodrelations/v1#isListPrice)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) is list price (DEPRECATED)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This boolean attribute indicates whether a gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification) is a list price (usually a vendor recommendation) or not. "true" indicates it is a list price, "false" indicates it is not.
DEPRECATED. Use the gr:priceType (http://purl.org/goodrelations/v1#priceType) property instead.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:UnitPriceSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): http://www.w3.org/2001/XMLSchema#boolean (http://www.w3.org/2001/XMLSchema#boolean)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

7. Object Properties

- gr:acceptedPaymentMethods
- gr:addOn
- gr:advanceBookingRequirement
- gr:appliesToDeliveryMethod
- gr:appliesToPaymentMethod
- gr:availableAtOrFrom
- gr:availableDeliveryMethods
- gr:deliveryLeadTime
- gr:depth
- gr:eligibleCustomerTypes
- gr:eligibleDuration
- gr:eligibleTransactionVolume
- gr:equal
- gr:greater
- gr:greaterOrEqual
- gr:hasBrand
- gr:hasBusinessFunction
- gr:hasEligibleQuantity
- gr:hasInventoryLevel
- gr:hasMakeAndModel
- gr:hasManufacturer
- gr:hasNext
- gr:hasOpeningHoursDayOfWeek
- gr:hasOpeningHoursSpecification
- gr:hasPOS
- gr:hasPrevious
- gr:hasPriceSpecification
- gr:hasWarrantyPromise
- gr:hasWarrantyScope
- gr:height
- gr:includes
- gr:includesObject
- gr:isAccessoryOrSparePartFor
- gr:isConsumableFor
- gr:isSimilarTo
- gr:isVariantOf
- gr:lesser
- gr:lesserOrEqual
- gr:nonEqual
- gr:offers
- gr:owns
- gr:predecessorOf
- gr:qualitativeProductOrServiceProperty
- gr:quantitativeProductOrServiceProperty
- gr:seeks
- gr:successorOf
- gr:typeOfGood
- gr:valueReference
- gr:weight
- gr:width

gr:acceptedPaymentMethods (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23acceptedPaymentMethods&text=gr%3AacceptedPaymentMethods%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23acceptedPaymentMethods&title=gr%3AacceptedPaymentMethods%20element%20of%20the%20GoodRelations%20Vocabulary%20 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23acceptedPaymentMethods&title=gr%3AacceptedPaymentMethods%20element%20of%20the%20GoodRelations%20Vocabulary%20 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23acceptedPaymentMethods&t=gr%3AacceptedPaymentMethods%20element%20of%20the%20GoodRelations%20Vocabulary%20 Commerce)

URI http://purl.org/goodrelations/v1#acceptedPaymentMethods (http://purl.org/goodrelations/v1#acceptedPaymentMethods)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) accepted payment methods (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The gr:PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod) or methods accepted by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) for the given gr:Offering (http://purl.org/goodrelations/v1#Offering).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:PaymentMethod gr:PaymentMethodCreditCard

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:acceptedPaymentMethods gr:VISA, gr:ByBankTransferInAdvance .
```

gr:addOn (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23addOn&text=gr%3AaddOn%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23addOn&title=gr%3AaddOn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23addOn&title=gr%3AaddOn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23addOn&t=gr%3AaddOn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#addOn (http://purl.org/goodrelations/v1#addOn)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) add-on (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property points from a gr:Offering (http://purl.org/goodrelations/v1#Offering) to additional offerings that can only be obtained in combination with the first offering. This can be used to model supplements and extensions that are available for a surcharge. Any gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) attached to the secondary offering is to be understood as an additional charge.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

foo:offer2 and foo:offer3 are additional offerings that can be obtained in combination with foo:offer1.

```
foo:offer1 a gr:Offering .
foo:offer2 a gr:Offering .
foo:offer3 a gr:Offering .
foo:offer1 gr:addOn foo:offer2, foo:offer3 .
```

gr:advanceBookingRequirement (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23advanceBookingRequirement&text=gr%3AadvanceBookingRequirement%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23advanceBookingRequirement&title=gr%3AadvanceBookingRequirement%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23advanceBookingRequirement&title=gr%3AadvanceBookingRequirement%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23advanceBookingRequirement&t=gr%3AadvanceBookingRequirement%20element%20of%20the%20GoodRelations%20Vocabulary% Commerce)

URI http://purl.org/goodrelations/v1#advanceBookingRequirement (http://purl.org/goodrelations/v1#advanceBookingRequirement)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) advance booking requirement (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The minimal and maximal amount of time that is required between accepting the gr:Offering (http://purl.org/goodrelations/v1#Offering) and the actual usage of the resource or service. This is mostly relevant for offers regarding hotel rooms, the rental of objects, or the provisioning of services. The duration is specified relatively to the beginning of the usage of the contracted object. It is represented by attaching an instance of the class gr:QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger). The lower and upper boundaries are specified using the properties gr:hasMinValueInteger (http://purl.org/goodrelations/v1#hasMinValueInteger) and gr:hasMaxValueInteger (http://purl.org/goodrelations/v1#hasMaxValueInteger) to that instance. The unit of measurement is specified using the property gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement) with a string holding a UN/CEFACT code suitable for durations, e.g. MON (months), DAY (days), HUR (hours), or MIN (minutes).

The difference to the gr:validFrom (http://purl.org/goodrelations/v1#validFrom) and gr:validThrough (http://purl.org/goodrelations/v1#validThrough) properties is that those specify the interval during which the gr:Offering (http://purl.org/goodrelations/v1#Offering) is valid, while gr:advanceBookingRequirement (http://purl.org/goodrelations/v1#advanceBookingRequirement) specifies the acceptable relative amount of time between accepting the offer and the

fulfilment or usage.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:advanceBookingRequirement [
        a gr:QuantitativeValueInteger;
        gr:hasValueInteger "7"^^xsd:int;
        gr:hasUnitOfMeasurement "DAY"^^xsd:string
    ] .
```

gr:appliesToDeliveryMethod (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23appliesToDeliveryMethod&text=gr%3AappliesToDeliveryMethod%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23appliesToDeliveryMethod&title=gr%3AappliesToDeliveryMethod%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23appliesToDeliveryMethod&title=gr%3AappliesToDeliveryMethod%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23appliesToDeliveryMethod&t=gr%3AappliesToDeliveryMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20Commerce)

URI http://purl.org/goodrelations/v1#appliesToDeliveryMethod (http://purl.org/goodrelations/v1#appliesToDeliveryMethod)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) applies to delivery method (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the gr:DeliveryMethod (http://purl.org/goodrelations/v1#DeliveryMethod) to which the gr:DeliveryChargeSpecification (http://purl.org/goodrelations/v1#DeliveryChargeSpecification) applies.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DeliveryMethod gr:DeliveryModeParcelService

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The delivery price of 6.99 Euros applies to the delivery mode mail for the regions Germany and Austria.

```
foo:price a gr:DeliveryChargeSpecification;
    gr:hasCurrency "EUR"^^xsd:string;
    gr:hasCurrencyValue "6.99"^^xsd:float;
    gr:hasUnitOfMeasurement "C62"^^xsd:string;
    gr:eligibleRegions "DE"^^xsd:string, "AT"^^xsd:string;
    gr:appliesToDeliveryMethod gr:DeliveryModeMail .
```

gr:appliesToPaymentMethod (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23appliesToPaymentMethod&text=gr%3AappliesToPaymentMethod%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23appliesToPaymentMethod&title=gr%3AappliesToPaymentMethod%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23appliesToPaymentMethod&title=gr%3AappliesToPaymentMethod%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23appliesToPaymentMethod&t=gr%3AappliesToPaymentMethod%20element%20of%20the%20GoodRelations%20Vocabulary%20Commerce)

URI http://purl.org/goodrelations/v1#appliesToPaymentMethod (http://purl.org/goodrelations/v1#appliesToPaymentMethod)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) applies to payment method (1..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the gr:PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod) to which the gr:PaymentChargeSpecification (http://purl.org/goodrelations/v1#PaymentChargeSpecification) applies.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:PaymentChargeSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:PaymentMethod gr:PaymentMethodCreditCard

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The payment charge price of 5 Euros applies to the payment method cash on delivery.

```
foo:price a gr:PaymentChargeSpecification;
    gr:hasCurrency "EUR"^^xsd:string;
    gr:hasCurrencyValue "5.0"^^xsd:float;
    gr:hasUnitOfMeasurement "C62"^^xsd:string;
    gr:appliesToPaymentMethod gr:COD .
```

gr:availableAtOrFrom (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availableAtOrFrom&text=gr%3AavailableAtOrFrom%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availableAtOrFrom&title=gr%3AavailableAtOrFrom%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availableAtOrFrom&title=gr%3AavailableAtOrFrom%20element%20of%20the%20GoodRelations%20Vocabulary%20for%

Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23availableAtOrFrom&t=gr%3AavailableAtOrFrom%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce)

URI http://purl.org/goodrelations/v1#availableAtOrFrom (http://purl.org/goodrelations/v1#availableAtOrFrom)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) available at or from (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states that a particular gr:Offering (http://purl.org/goodrelations/v1#Offering) is available at or from the given gr:Location (http://purl.org/goodrelations/v1#Location) (e.g. shop or branch).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Location

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:availableAtOrFrom foo:pos .
foo:pos a gr:Location .
```

gr:availableDeliveryMethods (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availableDeliveryMethods&text=gr%3AavailableDeliveryMethods%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availableDeliveryMethods&title=gr%3AavailableDeliveryMethods%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23availableDeliveryMethods&title=gr%3AavailableDeliveryMethods%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23availableDeliveryMethods&t=gr%3AavailableDeliveryMethods%20element%20of%20the%20GoodRelations%20Vocabulary%20Commerce)

URI http://purl.org/goodrelations/v1#availableDeliveryMethods (http://purl.org/goodrelations/v1#availableDeliveryMethods)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) available delivery methods (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the gr:DeliveryMethod (http://purl.org/goodrelations/v1#DeliveryMethod) or methods available for a given gr:Offering (http://purl.org/goodrelations/v1#Offering).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DeliveryMethod gr:DeliveryModeParcelService

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:availableDeliveryMethods gr:DeliveryModeMail, gr:DHL .
```

gr:deliveryLeadTime (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23deliveryLeadTime&text=gr%3AdeliveryLeadTime%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23deliveryLeadTime&title=gr%3AdeliveryLeadTime%20element%20of%20the%20GoodRelations%20Vocabulary%20for%. Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23deliveryLeadTime&title=gr%3AdeliveryLeadTime%20element%20of%20the%20GoodRelations%20Vocabulary%20for%. Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23deliveryLeadTime&t=gr%3AdeliveryLeadTime%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce)

URI http://purl.org/goodrelations/v1#deliveryLeadTime (http://purl.org/goodrelations/v1#deliveryLeadTime)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) delivery lead time (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property can be used to indicate the promised delay between the receipt of the order and the goods leaving the warehouse.

The duration is specified by attaching an instance of gr:QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger). The lower and upper boundaries are specified using the properties gr:hasMinValueInteger (http://purl.org/goodrelations/v1#hasMinValueInteger) and gr:hasMaxValueInteger (http://purl.org/goodrelations/v1#hasMaxValueInteger) to that instance. A point value can be modeled with the gr:hasValueInteger (http://purl.org/goodrelations/v1#hasValueInteger) property. The unit of measurement is specified using the property gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement) with a string holding a UN/CEFACT code suitable for durations, e.g. MON (months), DAY (days), HUR (hours), or MIN (minutes).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The promised delay for the product leaving the warehouse is between 24 and 48 hours.

```
foo:offer a gr:Offering;
    gr:deliveryLeadTime [
        a gr:QuantitativeValueInteger;
        gr:hasMinValueInteger "24"^^xsd:int;
        gr:hasMaxValueInteger "48"^^xsd:int;
        gr:hasUnitOfMeasurement "HUR"^^xsd:string
    ] .
```

gr:depth (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23depth&text=gr%3Adepth%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23depth&title=gr%3Adepth%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23depth&title=gr%3Adepth%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23depth&t=gr%3Adepth%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#depth (http://purl.org/goodrelations/v1#depth)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf)
gr:quantitativeProductOrServiceProperty
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) depth (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The depth of the product.
Typical unit code(s): CMT for centimeters, INH for inches

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The datasheet specifies the product depth as 12 centimeters.

```
foo:model a gr:ProductOrServiceModel;
    gr:depth [
        a gr:QuantitativeValueFloat;
        gr:hasValueFloat "12.0"^^xsd:float;
        gr:hasUnitOfMeasurement "CMT"^^xsd:string
    ] .
```

gr:eligibleCustomerTypes (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleCustomerTypes&text=gr%3AeligibleCustomerTypes%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleCustomerTypes&title=gr%3AeligibleCustomerTypes%20element%20of%20the%20GoodRelations%20Vocabulary%20 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleCustomerTypes&title=gr%3AeligibleCustomerTypes%20element%20of%20the%20GoodRelations%20Vocabulary%20 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23eligibleCustomerTypes&t=gr%3AeligibleCustomerTypes%20element%20of%20the%20GoodRelations%20Vocabulary%20for

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

Commerce)

URI http://purl.org/goodrelations/v1#eligibleCustomerTypes (http://purl.org/goodrelations/v1#eligibleCustomerTypes)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) eligible customer types (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The types of customers (gr:BusinessEntityType) for which the given gr:Offering (http://purl.org/goodrelations/v1#Offering) is valid.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:BusinessEntityType

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:eligibleCustomerTypes gr:Enduser, gr:PublicInstitution .
```

gr:eligibleDuration (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleDuration&text=gr%3AeligibleDuration%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleDuration&title=gr%3AeligibleDuration%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleDuration&title=gr%3AeligibleDuration%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23eligibleDuration&t=gr%3AeligibleDuration%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#eligibleDuration (http://purl.org/goodrelations/v1#eligibleDuration)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) eligible duration (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The minimal and maximal duration for which the given gr:Offering (http://purl.org/goodrelations/v1#Offering) or gr:License (http://purl.org/goodrelations/v1#License) is valid. This is mostly used for offers regarding accommodation, the rental of objects, or software licenses. The duration is specified by attaching an instance of gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue). The lower and upper boundaries are specified using the properties gr:hasMinValue (http://purl.org/goodrelations/v1#hasMinValue) and gr:hasMaxValue (http://purl.org/goodrelations/v1#hasMaxValue) to that instance. If they are the same, use the gr:hasValue (http://purl.org/goodrelations/v1#hasValue) property. The unit of measurement is specified using the property gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement) with a string holding a UN/CEFACT code suitable for durations, e.g. MON (months), DAY (days), HUR (hours), or MIN (minutes).

The difference to the gr:validFrom (http://purl.org/goodrelations/v1#validFrom) and gr:validThrough (http://purl.org/goodrelations/v1#validThrough) properties is that those specify the absiolute interval during which the gr:Offering (http://purl.org/goodrelations/v1#Offering) or gr:License (http://purl.org/goodrelations/v1#License) is valid, while gr:eligibleDuration (http://purl.org/goodrelations/v1#eligibleDuration) specifies the acceptable duration of the contract or usage.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:License gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The contract duration of foo:offer is 1 month, afterwards it becomes invalid.

```
foo:offer a gr:Offering;
    gr:eligibleDuration [
        a gr:QuantitativeValue;
        gr:hasValueInteger "1"^^xsd:int;
        gr:hasUnitOfMeasurement "MON"^^xsd:string
    ] .
```

gr:eligibleTransactionVolume (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleTransactionVolume&text=gr%3AeligibleTransactionVolume%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleTransactionVolume&title=gr%3AeligibleTransactionVolume%20element%20of%20the%20GoodRelations%20Vocabulary' Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23eligibleTransactionVolume&title=gr%3AeligibleTransactionVolume%20element%20of%20the%20GoodRelations%20Vocabulary' Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23eligibleTransactionVolume&t=gr%3AeligibleTransactionVolume%20element%20of%20the%20GoodRelations%20Vocabulary%2(Commerce)

URI http://purl.org/goodrelations/v1#eligibleTransactionVolume (http://purl.org/goodrelations/v1#eligibleTransactionVolume)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) eligible transaction volume (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property can be used to indicate the transaction volume, in a monetary unit, for which the gr:Offering (http://purl.org/goodrelations/v1#Offering) or gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) is valid. This is mostly used to specify a minimal purchasing volume, to express free shipping above a certain order volume, or to limit the acceptance of credit cards to purchases above a certain amount.

The object is a gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) that uses the properties gr:hasMaxCurrencyValue (http://purl.org/goodrelations/v1#hasMaxCurrencyValue) and gr:hasMinCurrencyValue (http://purl.org/goodrelations/v1#hasMinCurrencyValue) to indicate the lower and upper boundaries and gr:hasCurrency (http://purl.org/goodrelations/v1#hasCurrency) to indicate the currency using the ISO 4217 standard (3 characters).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:Offering gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The minimum transaction volume for the given offer becoming valid is 50 Euros.

```
foo:offer a gr:Offering;
    gr:eligibleTransactionVolume foo:price .
foo:price a gr:UnitPriceSpecification;
    gr:hasCurrency "EUR"^^xsd:string;
    gr:hasMinCurrencyValue "50.0"^^xsd:float;
    gr:hasUnitOfMeasurement "C62"^^xsd:string .
```

gr:equal (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:SymmetricProperty (http://www.w3.org/2002/07/owl#SymmetricProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23equal&text=gr%3Aequal%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23equal&title=gr%3Aequal%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23equal&title=gr%3Aequal%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23equal&t=gr%3Aequal%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#equal (http://purl.org/goodrelations/v1#equal)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:equal
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) equal (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for qualitative values indicates that the subject is equal to the object.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

Garment size M is equal to size 50.

```
foo:M a gr:QualitativeValue .
foo:size50 a gr:QualitativeValue .
foo:M gr:equal foo:size50 .
```

gr:greater (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23greater&text=gr%3Agreater%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23greater&

title=gr%3Agreater%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23greater&title=gr%3Agreater%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23greater&t=gr%3Agreater%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#greater (http://purl.org/goodrelations/v1#greater)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:lesser
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) greater (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for qualitative values indicates that the subject is greater than the object.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

Size M is greater than S, L is greater than M.

```
foo:S a gr:QualitativeValue .
foo:M a gr:QualitativeValue .
foo:L a gr:QualitativeValue .
foo:M gr:greater foo:S .
foo:L gr:greater foo:M .
```

gr:greaterOrEqual (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23greaterOrEqual&text=gr%3AgreaterOrEqual%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23greaterOrEqual&title=gr%3AgreaterOrEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23greaterOrEqual&title=gr%3AgreaterOrEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23greaterOrEqual&t=gr%3AgreaterOrEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#greaterOrEqual (http://purl.org/goodrelations/v1#greaterOrEqual)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:lesserOrEqual
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) greater or equal (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for qualitative values indicates that the subject is greater than or equal to the object.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue

Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

Size 50 is greater or equal than size M.

```
foo:M a gr:QualitativeValue .
foo:size50 a gr:QualitativeValue .
foo:size50 gr:greaterOrEqual foo:M .
```

gr:hasBrand (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasBrand&text=gr%3AhasBrand%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasBrand&title=gr%3AhasBrand%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasBrand&title=gr%3AhasBrand%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasBrand&t=gr%3AhasBrand%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#hasBrand (http://purl.org/goodrelations/v1#hasBrand)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has brand (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the brand or brands (gr:Brand) associated with a gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService), or the brand or brands maintained by a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person) http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Brand

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:product a gr:SomeItems;
    gr:hasBrand [
        a gr:Brand;
        gr:name "Hepp's Bagel Bakery"@en;
        foaf:page <http://www.example.com/>
    ] .
```

gr:hasBusinessFunction (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23hasBusinessFunction&
text=gr%3AhasBusinessFunction%20of%20%23goodrelations%20%23rdfa%20%23lod&
via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&
bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasBusinessFunction&
title=gr%3AhasBusinessFunction%20element%20of%20the%20GoodRelations%20Vocabulary%20fc
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23hasBusinessFunction&
title=gr%3AhasBusinessFunction%20element%20of%20the%20GoodRelations%20Vocabulary%20fc
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasBusinessFunction&
t=gr%3AhasBusinessFunction%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce)

URI http://purl.org/goodrelations/v1#hasBusinessFunction (http://purl.org/goodrelations/v1#hasBusinessFunction)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has business function (1..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the business function of the gr:Offering (http://purl.org/goodrelations/v1#Offering), i.e. whether the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) is offering to sell, to lease, or to repair the particular type of product. In the case of bundles, it is also possible to attach individual business functions to each gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode). The business function of the main gr:Offering (http://purl.org/goodrelations/v1#Offering) determines the business function for all included objects or services, unless a business function attached to a gr:TypeAndQuantityNode (http://purl.org/goodrelations /v1#TypeAndQuantityNode) overrides it.

Note: While it is possible that an entity is offering multiple types of business functions for the same set of objects (e.g. rental and sales), this should usually not be stated by attaching multiple business functions to the same gr:Offering (http://purl.org/goodrelations/v1#Offering), since the gr:UnitPriceSpecification (http://purl.org/goodrelations /v1#UnitPriceSpecification) for the varying business functions will typically be very different.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering gr:TypeAndQuantityNode http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:BusinessFunction gr:License

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The offered product is intended for sale or rental.

```
foo:offer a gr:Offering;
    gr:hasBusinessFunction gr:Sell, gr:LeaseOut .
```

gr:hasEligibleQuantity (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

(http://twitter.com/share?url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23hasEligibleQuantity&
text=gr%3AhasEligibleQuantity%20of%20%23goodrelations%20%23rdfa%20%23lod&
via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&
bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasEligibleQuantity&
title=gr%3AhasEligibleQuantity%20element%20of%20the%20GoodRelations%20Vocabulary%20for
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23hasEligibleQuantity&
title=gr%3AhasEligibleQuantity%20element%20of%20the%20GoodRelations%20Vocabulary%20for
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasEligibleQuantity&
t=gr%3AhasEligibleQuantity%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2
Commerce)

URI http://purl.org/goodrelations/v1#hasEligibleQuantity (http://purl.org/goodrelations/v1#hasEligibleQuantity)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has eligible quantity (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the interval and unit of measurement of ordering quantities for which the gr:Offering (http://purl.org/goodrelations/v1#Offering) or gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) is valid. This allows e.g. specifying that a certain freight charge is valid only for a certain quantity.
Note that if an offering is a bundle, i.e. it consists of more than one unit of a single type of good, or if the unit of measurement for the good is different from unit (Common Code C62), then gr:hasEligibleQuantity (http://purl.org/goodrelations/v1#hasEligibleQuantity) refers to units of this bundle. In other words, "C62" for "Units or pieces" is usually the appropriate unit of measurement.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DeliveryChargeSpecification gr:Offering gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The validity for the specified price of 69.99 Euros holds only if 100 items are taken.

```
foo:price a gr:UnitPriceSpecification;
    gr:hasCurrency "EUR"^^xsd:string;
    gr:hasCurrencyValue "69.99"^^xsd:float;
    gr:hasUnitOfMeasurement "C62"^^xsd:string;
    gr:hasEligibleQuantity [
        a gr:QuantitativeValueInteger;
        gr:hasValueInteger "100"^^xsd:int;
        gr:hasUnitOfMeasurement "C62"^^xsd:string
    ] .
```

gr:hasInventoryLevel (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasInventoryLevel&text=gr%3AhasInventoryLevel%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasInventoryLevel&title=gr%3AhasInventoryLevel%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasInventoryLevel&title=gr%3AhasInventoryLevel%20element%20of%20the%20GoodRelations%20Vocabulary%20for%
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasInventoryLevel&t=gr%3AhasInventoryLevel%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E
Commerce)

URI http://purl.org/goodrelations/v1#hasInventoryLevel (http://purl.org/goodrelations/v1#hasInventoryLevel)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has inventory level (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property specifies the current approximate inventory level for gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems). The unit of measurement and the point value or interval are indicated using the attached gr:QuantitativeValueFloat (http://purl.org/goodrelations/v1#QuantitativeValueFloat) instance.

This property can also be attached to a gr:Offering (http://purl.org/goodrelations/v1#Offering) in cases where the included products are not modeled in more detail.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering gr:SomeItems http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValueFloat

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

Twenty items of a specific product are on stock.

```
foo:product a gr:SomeItems;
    gr:hasInventoryLevel [
        a gr:QuantitativeValueFloat;
        gr:hasValueFloat "20.0"^^xsd:float;
        gr:hasUnitOfMeasurement "C62"^^xsd:string
    ] .
```

gr:hasMakeAndModel (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMakeAndModel&text=gr%3AhasMakeAndModel%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMakeAndModel&title=gr%3AhasMakeAndModel%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasMakeAndModel&title=gr%3AhasMakeAndModel%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasMakeAndModel&t=gr%3AhasMakeAndModel%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20 Commerce)

URI http://purl.org/goodrelations/v1#hasMakeAndModel (http://purl.org/goodrelations/v1#hasMakeAndModel)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has make and model (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states that an actual product instance (gr:Individual) or a placeholder instance for multiple, unidentified such instances (gr:SomeItems) is one occurence of a particular gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel).

Example: myFordT hasMakeAndModel FordT.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:ProductOrServiceModel

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:product a gr:SomeItems;
    gr:hasMakeAndModel foo:model .
foo:model a gr:ProductOrServiceModel .
```

gr:hasManufacturer (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasManufacturer&text=gr%3AhasManufacturer%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasManufacturer&title=gr%3AhasManufacturer%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasManufacturer&title=gr%3AhasManufacturer%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasManufacturer&t=gr%3AhasManufacturer%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasManufacturer (http://purl.org/goodrelations/v1#hasManufacturer)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has manufacturer (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This object property links a gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) to the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) that produces it. Mostly used with gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:model a gr:ProductOrServiceModel;
    gr:hasManufacturer foo:be .
foo:be a gr:BusinessEntity;
    gr:legalName "Hepp's Bagel Bakery Ltd."@en .
```

gr:hasNext (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasNext&text=gr%3AhasNext%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasNext&title=gr%3AhasNext%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-

Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasNext&title=gr%3AhasNext%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasNext&t=gr%3AhasNext%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasNext (http://purl.org/goodrelations/v1#hasNext)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:hasPrevious
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has next (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for gr:DayOfWeek (http://purl.org/goodrelations/v1#DayOfWeek) indicates that the subject is directly followed by the object.

Example: Monday hasNext Tuesday

Since days of the week are a cycle, this property is not transitive.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DayOfWeek
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DayOfWeek

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
gr:Monday gr:hasNext gr:Tuesday .
```

gr:hasOpeningHoursDayOfWeek (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasOpeningHoursDayOfWeek&text=gr%3AhasOpeningHoursDayOfWeek%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasOpeningHoursDayOfWeek&title=gr%3AhasOpeningHoursDayOfWeek%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasOpeningHoursDayOfWeek&title=gr%3AhasOpeningHoursDayOfWeek%20element%20of%20the%20GoodRelations%20Vocabula Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasOpeningHoursDayOfWeek&t=gr%3AhasOpeningHoursDayOfWeek%20element%20of%20the%20GoodRelations%20Vocabulary% Commerce)

URI http://purl.org/goodrelations/v1#hasOpeningHoursDayOfWeek (http://purl.org/goodrelations/v1#hasOpeningHoursDayOfWeek)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has opening hours day of week (1..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the gr:DayOfWeek (http://purl.org/goodrelations/v1#DayOfWeek) to which the gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification) is related.

Note: Use multiple instances of gr:OpeningHoursSpecification (http://purl.org/goodrelations

/v1#OpeningHoursSpecification) for specifying the opening hours for multiple days if the opening hours differ.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:OpeningHoursSpecification
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DayOfWeek

Examples

```
<div itemscope itemtype="http://schema.org/Place" itemid="#store">
  <span itemprop="name">ACME Store Munich</span>
...
  <div itemprop="http://purl.org/goodrelations/v1#hasOpeningHoursSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#OpeningHoursSpecification">
Opening hours: Mon-Sun,
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Monday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Tuesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Wednesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Thursday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Friday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Saturday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Sunday" />
     <meta itemprop="opens" content="08:00:00">8:00 a.m. -
     <meta itemprop="closes" content="20:00:00">8:00 p.m.
  </div>
</div>
```

```
<div typeof="gr:Location" about="#store">
  <span property="gr:name">ACME Store Munich</span>
...
  <div rel="gr:hasOpeningHoursSpecification">
     <div typeof="gr:OpeningHoursSpecification">
Opening hours: Mon-Sun,
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Monday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Tuesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Wednesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Thursday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Friday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Saturday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Sunday"></div>
       <span itemprop="opens" content="08:00:00">8:00 a.m. -</span>
       <span itemprop="closes" content="20:00:00">8:00 p.m.</span>
     </div>
  </div>
</div>
```

```
foo:openMo2Fr a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "20:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Monday, gr:Tuesday, gr:Wednesday, gr:Thursday, gr:Fri
```

gr:hasOpeningHoursSpecification (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasOpeningHoursSpecification&text=gr%3AhasOpeningHoursSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasOpeningHoursSpecification&

title=gr%3AhasOpeningHoursSpecification%20element%20of%20the%20GoodRelations%20Vocabu
Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1%23hasOpeningHoursSpecification&
title=gr%3AhasOpeningHoursSpecification%20element%20of%20the%20GoodRelations%20Vocabu
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasOpeningHoursSpecification&
t=gr%3AhasOpeningHoursSpecification%20element%20of%20the%20GoodRelations%20Vocabulary
Commerce)

URI http://purl.org/goodrelations/v1#hasOpeningHoursSpecification (http://purl.org/goodrelations/v1#hasOpeningHoursSpecification)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has opening hours specification (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property links a gr:Location (http://purl.org/goodrelations/v1#Location) to a gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Location http://schema.org/Place (http://schema.org/Place)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:OpeningHoursSpecification

Examples

```
<div itemscope itemtype="http://schema.org/Place" itemid="#store">
  <span itemprop="name">ACME Store Munich</span>
...
  <div itemprop="http://purl.org/goodrelations/v1#hasOpeningHoursSpecification" itemscope
       itemtype="http://purl.org/goodrelations/v1#OpeningHoursSpecification">
Opening hours: Mon-Sun,
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Monday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Tuesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Wednesday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Thursday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Friday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Saturday" />
     <link itemprop="hasOpeningHoursDayOfWeek"
           href="http://purl.org/goodrelations/v1#Sunday" />
     <meta itemprop="opens" content="08:00:00">8:00 a.m. -
     <meta itemprop="closes" content="20:00:00">8:00 p.m.
  </div>
</div>
```

```
<div typeof="gr:Location" about="#store">
  <span property="gr:name">ACME Store Munich</span>
...
  <div rel="gr:hasOpeningHoursSpecification">
     <div typeof="gr:OpeningHoursSpecification">
Opening hours: Mon-Sun,
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Monday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Tuesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Wednesday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Thursday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Friday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Saturday"></div>
       <div rel="gr:hasOpeningHoursDayOfWeek"
            resource="http://purl.org/goodrelations/v1#Sunday"></div>
       <span itemprop="opens" content="08:00:00">8:00 a.m. -</span>
       <span itemprop="closes" content="20:00:00">8:00 p.m.</span>
     </div>
  </div>
</div>
```

```
foo:pos a gr:Location;
    gr:hasOpeningHoursSpecification [
        a gr:OpeningHoursSpecification;
        gr:opens "08:00:00"^^xsd:time;
        gr:closes "20:00:00"^^xsd:time;
        gr:hasOpeningHoursDayOfWeek gr:Monday, gr:Tuesday, gr:Wednesday, gr:Thursday, gr
    ] .
```

gr:hasPOS (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPOS&text=gr%3AhasPOS%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPOS&title=gr%3AhasPOS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPOS&title=gr%3AhasPOS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasPOS&t=gr%3AhasPOS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#hasPOS (http://purl.org/goodrelations/v1#hasPOS)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has POS (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property states that the respective gr:Location (http://purl.org/goodrelations/v1#Location) is a point of sale for the respective gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity). It allows linking those two types of entities without the need for a particular gr:Offering (http://purl.org/goodrelations/v1#Offering).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Location

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:be a gr:BusinessEntity;
    gr:hasPOS foo:pos .
foo:pos a gr:Location .
```

gr:hasPrevious (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPrevious&text=gr%3AhasPrevious%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPrevious&title=gr%3AhasPrevious%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPrevious&title=gr%3AhasPrevious%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasPrevious&t=gr%3AhasPrevious%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#hasPrevious (http://purl.org/goodrelations/v1#hasPrevious)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:hasNext
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has previous (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for gr:DayOfWeek (http://purl.org/goodrelations/v1#DayOfWeek) indicates that the subject is directly preceeded by the object.

Example: Tuesday hasPrevious Monday

Since days of the week are a cycle, this property is not transitive.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:DayOfWeek
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DayOfWeek

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
gr:Monday gr:hasPrevious gr:Sunday .
```

gr:hasPriceSpecification (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPriceSpecification&text=gr%3AhasPriceSpecification%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPriceSpecification&title=gr%3AhasPriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20fc Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasPriceSpecification&title=gr%3AhasPriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20fc

Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasPriceSpecification&t=gr%3AhasPriceSpecification%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce)

URI http://purl.org/goodrelations/v1#hasPriceSpecification (http://purl.org/goodrelations/v1#hasPriceSpecification)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has price specification (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This links a gr:Offering (http://purl.org/goodrelations/v1#Offering) to a gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification) or specifications. There can be unit price specifications, payment charge specifications, and delivery charge specifications. For each type, multiple specifications for the same gr:Offering (http://purl.org/goodrelations/v1#Offering) are possible, e.g. for different quantity ranges or for different currencies, or for different combinations of gr:DeliveryMethod (http://purl.org/goodrelations/v1#DeliveryMethod) and target destinations.

Recommended retail prices etc. can be marked by the gr:priceType (http://purl.org/goodrelations/v1#priceType) property of the gr:UnitPriceSpecification (http://purl.org/goodrelations/v1#UnitPriceSpecification).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:DeliveryChargeSpecification gr:PaymentChargeSpecification gr:PriceSpecification gr:UnitPriceSpecification

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:hasPriceSpecification foo:price .
foo:price a gr:UnitPriceSpecification .
```

gr:hasWarrantyPromise (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasWarrantyPromise&text=gr%3AhasWarrantyPromise%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasWarrantyPromise&title=gr%3AhasWarrantyPromise%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasWarrantyPromise&title=gr%3AhasWarrantyPromise%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasWarrantyPromise&t=gr%3AhasWarrantyPromise%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce)

URI http://purl.org/goodrelations/v1#hasWarrantyPromise (http://purl.org/goodrelations/v1#hasWarrantyPromise)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has warranty promise (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the gr:WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise) made by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) for the given gr:Offering (http://purl.org/goodrelations/v1#Offering).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:WarrantyPromise

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:hasWarrantyPromise [
        a gr:WarrantyPromise;
        rdfs:comment "Grant a warranty of 12 months labor / bring-in."@en;
        gr:durationOfWarrantyInMonths "12"^^xsd:int;
        gr:hasWarrantyScope gr:Labor-BringIn
    ] .
```

gr:hasWarrantyScope (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasWarrantyScope&text=gr%3AhasWarrantyScope%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasWarrantyScope&title=gr%3AhasWarrantyScope%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23hasWarrantyScope&title=gr%3AhasWarrantyScope%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23hasWarrantyScope&t=gr%3AhasWarrantyScope%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce)

URI http://purl.org/goodrelations/v1#hasWarrantyScope (http://purl.org/goodrelations/v1#hasWarrantyScope)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) has warranty scope (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states the gr:WarrantyScope (http://purl.org/goodrelations/v1#WarrantyScope) of a given gr:WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise).

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:WarrantyPromise
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:WarrantyScope

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:hasWarrantyPromise [
        a gr:WarrantyPromise;
        gr:durationOfWarrantyInMonths "12"^^xsd:int;
        gr:hasWarrantyScope gr:Labor-BringIn, PartsAndLabor-BringIn
    ] .
```

gr:height (http://twitter.com (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23height&text=gr%3Aheight%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23height&title=gr%3Aheight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23height&title=gr%3Aheight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23height&t=gr%3Aheight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#height (http://purl.org/goodrelations/v1#height)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf)
gr:quantitativeProductOrServiceProperty
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) height (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The height of the product.
Typical unit code(s): CMT for centimeters, INH for inches

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The datasheet specifies the product height as 8 centimeters.

```
foo:model a gr:ProductOrServiceModel;
    gr:height [
      a gr:QuantitativeValueFloat;
      gr:hasValueFloat "8.0"^^xsd:float;
      gr:hasUnitOfMeasurement "CMT"^^xsd:string
    ] .
```

gr:includes (http://twitter.com (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))
/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23includes&text=gr%3Aincludes%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23includes&title=gr%3Aincludes%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23includes&title=gr%3Aincludes%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23includes&t=gr%3Aincludes%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#includes (http://purl.org/goodrelations/v1#includes)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) includes (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This object property is a shortcut for the original gr:includesObject (http://purl.org/goodrelations/v1#includesObject) property for the common case of having exactly one single gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) instance included in an Offering.

When linking to an instance of gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems) or gr:Individual (http://purl.org/goodrelations/v1#Individual), it is equivalent to using a gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode) with gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement)="C62"^^xsd:string and gr:amountOfThisGood (http://purl.org/goodrelations/v1#amountOfThisGood)="1.0"^^xsd:float for that good.

When linking to a gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel), it is equivalent to
1. defining an blank node for a gr:SomeItems (http://purl.org/goodrelations/v1#SomeItems)
2. linking that blank node via gr:hasMakeAndModel (http://purl.org/goodrelations/v1#hasMakeAndModel) to the gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel), and
3. linking from the gr:Offering (http://purl.org/goodrelations/v1#Offering) to that blank node using another blank node of type gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode) with gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement)="C62"^^xsd:string and gr:amountOfThisGood (http://purl.org/goodrelations/v1#amountOfThisGood)="1.0"^^xsd:float for that good.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:includes foo:product .
foo:product a gr:SomeItems .
```

gr:includesObject (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23includesObject&text=gr%3AincludesObject%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23includesObject&title=gr%3AincludesObject%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23includesObject&title=gr%3AincludesObject%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23includesObject&t=gr%3AincludesObject%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#includesObject (http://purl.org/goodrelations/v1#includesObject)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) includes object (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This object property links a gr:Offering (http://purl.org/goodrelations/v1#Offering) to one or multiple gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode) or nodes that specify the components that are included in the respective offer.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:TypeAndQuantityNode

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:includesObject [
        a gr:TypeAndQuantityNode;
        gr:amountOfThisGood "10.0"^^xsd:float;
        gr:hasBusinessFunction gr:Sell;
        gr:hasUnitOfMeasurement "C62"^^xsd:string;
        gr:typeOfGood foo:product
    ] .
foo:product a gr:SomeItems .
```

gr:isAccessoryOrSparePartFor (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isAccessoryOrSparePartFor&text=gr%3AisAccessoryOrSparePartFor%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isAccessoryOrSparePartFor&title=gr%3AisAccessoryOrSparePartFor%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isAccessoryOrSparePartFor&title=gr%3AisAccessoryOrSparePartFor%20element%20of%20the%20GoodRelations%20Vocabulary Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23isAccessoryOrSparePartFor&t=gr%3AisAccessoryOrSparePartFor%20element%20of%20the%20GoodRelations%20Vocabulary%2(Commerce)

URI http://purl.org/goodrelations/v1#isAccessoryOrSparePartFor (http://purl.org/goodrelations/v1#isAccessoryOrSparePartFor)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) is accessory or spare part for (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states that a particular gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) is an accessory or spare part for another product or service.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:product1 a gr:SomeItems .
foo:product2 a gr:SomeItems .
foo:product1 gr:isAccessoryOrSparePartFor foo:product2 .
```

gr:isConsumableFor (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isConsumableFor&text=gr%3AisConsumableFor%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isConsumableFor&title=gr%3AisConsumableFor%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isConsumableFor&title=gr%3AisConsumableFor%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23isConsumableFor&t=gr%3AisConsumableFor%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E- Commerce)

URI http://purl.org/goodrelations/v1#isConsumableFor (http://purl.org/goodrelations/v1#isConsumableFor)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) is consumable for (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states that a particular gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) is a consumable for another product or service.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:product1 a gr:SomeItems .
foo:product2 a gr:SomeItems .
foo:product1 gr:isConsumableFor foo:product2 .
```

gr:isSimilarTo (http://twitter.com (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isSimilarTo&text=gr%3AisSimilarTo%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isSimilarTo&title=gr%3AisSimilarTo%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isSimilarTo&title=gr%3AisSimilarTo%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1.html%23isSimilarTo&t=gr%3AisSimilarTo%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#isSimilarTo (http://purl.org/goodrelations/v1#isSimilarTo)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) is similar to (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states that a given gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) is similar to another product or service. Of course, this is a subjective statement; when interpreting it, the trust in the origin of the statement should be taken into account.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:product1 a gr:SomeItems .
foo:product2 a gr:SomeItems .
foo:product1 gr:isSimilarTo foo:product2 .
```

gr:isVariantOf (http://twitter.com (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) /share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isVariantOf&text=gr%3AisVariantOf%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isVariantOf&title=gr%3AisVariantOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23isVariantOf&title=gr%3AisVariantOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23isVariantOf&t=gr%3AisVariantOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#isVariantOf (http://purl.org/goodrelations/v1#isVariantOf)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) is variant of (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This states that a particular gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel) is a variant of another product or service model. It is pretty safe to infer that the variant inherits all gr:quantitativeProductOrServiceProperty (http://purl.org/goodrelations/v1#quantitativeProductOrServiceProperty), gr:qualitativeProductOrServiceProperty (http://purl.org/goodrelations/v1#qualitativeProductOrServiceProperty), and gr:datatypeProductOrServiceProperty (http://purl.org/goodrelations/v1#datatypeProductOrServiceProperty) values that are defined for the first gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel).

Example:
foo:Red_Ford_T_Model gr:isVariantOf (http://purl.org/goodrelations/v1#isVariantOf) foo:Ford_T_Model

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:ProductOrServiceModel
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:ProductOrServiceModel

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:model1 a gr:ProductOrServiceModel .
foo:model2 a gr:ProductOrServiceModel .
foo:model1 gr:isVariantOf foo:model2 .
```

gr:lesser (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23lesser&text=gr%3Alesser%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23lesser&title=gr%3Alesser%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23lesser&title=gr%3Alesser%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23lesser&t=gr%3Alesser%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#lesser (http://purl.org/goodrelations/v1#lesser)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:greater
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) lesser (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) pairs indicates that the subject is lesser than the object.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

Size S is lesser than size M, size M is lesser than size L.

```
foo:S a gr:QualitativeValue .
foo:M a gr:QualitativeValue .
foo:L a gr:QualitativeValue .
foo:S gr:lesser foo:M .
foo:M gr:lesser foo:L .
```

gr:lesserOrEqual (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23lesserOrEqual&text=gr%3AlesserOrEqual%20of

%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1%23lesserOrEqual& title=gr%3AlesserOrEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1%23lesserOrEqual& title=gr%3AlesserOrEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1.html%23lesserOrEqual& t=gr%3AlesserOrEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#lesserOrEqual (http://purl.org/goodrelations/v1#lesserOrEqual)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:greaterOrEqual
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) lesser or equal (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) pairs indicates that the subject is lesser than or equal to the object.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

Size 48 is lesser or equal than size M.

```
foo:M a gr:QualitativeValue .
foo:size48 a gr:QualitativeValue .
foo:size48 gr:lesserOrEqual foo:M .
```

gr:nonEqual (http://twitter.com/share?url=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:SymmetricProperty (http://www.w3.org/2002/07/owl#SymmetricProperty))
%2Fpurl.org%2Fgoodrelations%2Fv1%23nonEqual&text=gr%3AnonEqual%20of %20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1%23nonEqual& title=gr%3AnonEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1%23nonEqual& title=gr%3AnonEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1.html%23nonEqual& t=gr%3AnonEqual%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#nonEqual (http://purl.org/goodrelations/v1#nonEqual)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:nonEqual
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) non equal (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This ordering relation for gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) pairs indicates that the subject is not equal to the object.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:S a gr:QualitativeValue .
foo:M a gr:QualitativeValue .
foo:S gr:nonEqual foo:M .
```

gr:offers (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23offers&text=gr%3Aoffers%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23offers&title=gr%3Aoffers%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23offers&title=gr%3Aoffers%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23offers&t=gr%3Aoffers%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#offers (http://purl.org/goodrelations/v1#offers)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) offers (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This links a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) to the offers (gr:Offering) it makes. If you want to express interest in receiving offers, use gr:seeks (http://purl.org/goodrelations/v1#seeks) instead.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:be a gr:BusinessEntity;
    gr:offers foo:offer .
foo:offer a gr:Offering .
```

gr:owns (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23owns&text=gr%3Aowns%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

(http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23owns&title=gr%3Aowns%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23owns&title=gr%3Aowns%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23owns&t=gr%3Aowns%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#owns (http://purl.org/goodrelations/v1#owns)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) owns (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property indicates that a particular person or business owns a particular product. It can be used to expose the products in one's posession in order to empower recommender systems to suggest matching offers.

Note that the product must be an instance of the class gr:Individual (http://purl.org/goodrelations/v1#Individual).

This property can also be safely applied to foaf:Agent (http://xmlns.com/foaf/0.1/Agent) instances.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Individual

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:be a gr:BusinessEntity;
    gr:owns foo:offer .
foo:offer a gr:Offering .
```

gr:predecessorOf (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23predecessorOf&text=gr%3ApredecessorOf%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23predecessorOf&title=gr%3ApredecessorOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23predecessorOf&title=gr%3ApredecessorOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23predecessorOf&t=gr%3ApredecessorOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

URI http://purl.org/goodrelations/v1#predecessorOf (http://purl.org/goodrelations/v1#predecessorOf)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:successorOf
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) predecessor of (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property indicates that the subject is a previous, often discontinued variant of the gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel) used as the object.

Example: Golf III predecessorOf Golf IV

This relation is transitive.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:ProductOrServiceModel
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:ProductOrServiceModel

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:model1 a gr:ProductOrServiceModel .
foo:model2 a gr:ProductOrServiceModel .
foo:model1 gr:predecessorOf foo:model2 .
```

gr:qualitativeProductOrServiceProperty (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23qualitativeProductOrServiceProperty&text=gr%3AqualitativeProductOrServiceProperty%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23qualitativeProductOrServiceProperty&title=gr%3AqualitativeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20VCommerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23qualitativeProductOrServiceProperty&title=gr%3AqualitativeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20VCommerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23qualitativeProductOrServiceProperty&t=gr%3AqualitativeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20VocaCommerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#qualitativeProductOrServiceProperty (http://purl.org/goodrelations/v1#qualitativeProductOrServiceProperty)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) qualitative product or service property (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This is the super property of all qualitative properties for products and services. All properties in product or service ontologies for which gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) instances are specified are subproperties of this property.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:hasGarmentSize a owl:ObjectProperty;
    rdfs:domain gr:ProductOrService;
    rdfs:range gr:QualitativeValue;
    rdfs:subPropertyOf gr:qualitativeProductOrServiceProperty .
foo:M a gr:QualitativeValue .
foo:product a gr:SomeItems;
    foo:hasGarmentSize foo:M .
```

gr:quantitativeProductOrServiceProperty (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23quantitativeProductOrServiceProperty&text=gr%3AquantitativeProductOrServiceProperty%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23quantitativeProductOrServiceProperty&title=gr%3AquantitativeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23quantitativeProductOrServiceProperty&title=gr%3AquantitativeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23quantitativeProductOrServiceProperty&t=gr%3AquantitativeProductOrServiceProperty%20element%20of%20the%20GoodRelations%20Voc Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#quantitativeProductOrServiceProperty (http://purl.org/goodrelations/v1#quantitativeProductOrServiceProperty)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) quantitative product or service property (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This is the super property of all quantitative properties for products and services. All properties in product or service ontologies that specify quantitative characteristics, for which an interval is at least theoretically an appropriate value, are subproperties of this property.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Subproperties

- gr:depth
- gr:height
- gr:weight
- gr:width

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:temperature a owl:ObjectProperty;
    rdfs:domain gr:ProductOrService;
    rdfs:range gr:QuantitativeValue;
    rdfs:subPropertyOf gr:quantitativeProductOrServiceProperty .
foo:product a gr:SomeItems;
    foo:temperature [
        a gr:QuantitativeValueFloat;
        gr:hasMinValueFloat "-10.0"^^xsd:float;
        gr:hasMaxValueFloat "80.0"^^xsd:float;
        gr:hasUnitOfMeasurement "CEL"^^xsd:string
    ] .
```

gr:seeks (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23seeks&text=gr%3Aseeks%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23seeks&title=gr%3Aseeks%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23seeks&title=gr%3Aseeks%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23seeks&t=gr%3Aseeks%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#seeks (http://purl.org/goodrelations/v1#seeks)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) seeks (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This links a gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) to gr:Offering (http://purl.org/goodrelations/v1#Offering) nodes that describe what the business entity is interested in (i.e., the buy side). If you want to express interest in offering something, use gr:offers (http://purl.org/goodrelations/v1#offers) instead. Note that this substitutes the former gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) gr:Buy (http://purl.org/goodrelations/v1#Buy), which is now deprecated.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:BusinessEntity http://schema.org/Organization (http://schema.org/Organization) http://schema.org/Person (http://schema.org/Person)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Offering http://schema.org/Offer (http://schema.org/Offer)

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:be a gr:BusinessEntity;
    gr:seeks foo:offer .
foo:offer a gr:Offering .
```

gr:successorOf (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23successorOf&text=gr%3AsuccessorOf%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty), owl:TransitiveProperty (http://www.w3.org/2002/07/owl#TransitiveProperty))

%2Fpurl.org%2Fgoodrelations%2Fv1%23successorOf&title=gr%3AsuccessorOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23successorOf&title=gr%3AsuccessorOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23successorOf&t=gr%3AsuccessorOf%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#successorOf (http://purl.org/goodrelations/v1#successorOf)
owl:inverseOf (http://www.w3.org/2002/07/owl#inverseOf) gr:predecessorOf
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) successor of (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This property indicates that the subject is a newer, often updated or improved variant of the gr:ProductOrServiceModel (http://purl.org/goodrelations/v1#ProductOrServiceModel) used as the object.

Example: Golf III successorOf Golf II

This relation is transitive.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:ProductOrServiceModel
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:ProductOrServiceModel

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:model1 a gr:ProductOrServiceModel .
foo:model2 a gr:ProductOrServiceModel .
foo:model1 gr:successorOf foo:model2 .
```

gr:typeOfGood (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23typeOfGood&text=gr%3AtypeOfGood%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23typeOfGood&title=gr%3AtypeOfGood%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23typeOfGood&title=gr%3AtypeOfGood%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23typeOfGood&t=gr%3AtypeOfGood%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#typeOfGood (http://purl.org/goodrelations/v1#typeOfGood)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) type of good (1..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This specifies the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) that the

gr:TypeAndQuantityNode (http://purl.org/goodrelations/v1#TypeAndQuantityNode) is referring to.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:TypeAndQuantityNode
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:Individual gr:SomeItems

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:includesObject [
      a gr:TypeAndQuantityNode;
      gr:amountOfThisGood "10.0"^^xsd:float;
      gr:hasBusinessFunction gr:Sell;
      gr:hasUnitOfMeasurement "C62"^^xsd:string;
      gr:typeOfGood foo:product
    ] .
foo:product a gr:SomeItems .
```

gr:valueReference (rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23valueReference&text=gr%3AvalueReference%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23valueReference&title=gr%3AvalueReference%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23valueReference&title=gr%3AvalueReference%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23valueReference&t=gr%3AvalueReference%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#valueReference (http://purl.org/goodrelations/v1#valueReference)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) value reference (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The superclass of properties that link a gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue) or a gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) to a second gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue) or a gr:QualitativeValue (http://purl.org/goodrelations/v1#QualitativeValue) that provides additional information on the original value. A good modeling practice is to define specializations of this property (e.g. foo:referenceTemperature) for your particular domain.

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:QualitativeValue gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QualitativeValue gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:referenceTemperature a owl:ObjectProperty;
    rdfs:domain gr:QuantitativeValue;
    rdfs:range gr:QuantitativeValue;
    rdfs:subPropertyOf gr:valueReference .
foo:CurrentTemperature a gr:QuantitativeValueFloat;
    gr:hasValueFloat "19.7"^^xsd:float;
    gr:hasUnitOfMeasurement "CEL"^^xsd:string .
foo:RoomTemperature a gr:QuantitativeValueFloat;
    gr:hasValueFloat "21.0"^^xsd:float;
    gr:hasUnitOfMeasurement "CEL"^^xsd:string .
foo:CurrentTemperature foo:referenceTemperature foo:RoomTemperature .
```

gr:weight (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23weight&text=gr%3Aweight%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23weight&title=gr%3Aweight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23weight&title=gr%3Aweight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23weight&t=gr%3Aweight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

URI http://purl.org/goodrelations/v1#weight (http://purl.org/goodrelations/v1#weight)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf)
gr:quantitativeProductOrServiceProperty
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) weight (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The weight of the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).
Typical unit code(s): GRM for gram, KGM for kilogram, LBR for pound

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The datasheet specifies the product weight as 200 grams.

```
foo:model a gr:ProductOrServiceModel;
  gr:weight [
     a gr:QuantitativeValueFloat;
     gr:hasValueFloat "200.0"^^xsd:float;
     gr:hasUnitOfMeasurement "GRM"^^xsd:string
  ] .
```

gr:width (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23width&text=gr%3Awidth%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en)

(rdf:type owl:ObjectProperty (http://www.w3.org/2002/07/owl#ObjectProperty))

(http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23width&title=gr%3Awidth%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23width&title=gr%3Awidth%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23width&t=gr%3Awidth%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#width (http://purl.org/goodrelations/v1#width)
rdfs:subPropertyOf (http://www.w3.org/2000/01/rdf-schema#subPropertyOf)
gr:quantitativeProductOrServiceProperty
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) width (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The width of the gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).
Typical unit code(s): CMT for centimeters, INH for inches

Compatible with (rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain)): gr:Individual gr:ProductOrService gr:ProductOrServiceModel gr:SomeItems http://schema.org/Product (http://schema.org/Product)
Allowed values (rdfs:range (http://www.w3.org/2000/01/rdf-schema#range)): gr:QuantitativeValue gr:QuantitativeValueFloat gr:QuantitativeValueInteger

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

The datasheet specifies the product width as 10 centimeters.

```
foo:model a gr:ProductOrServiceModel;
  gr:width [
     a gr:QuantitativeValueFloat;
     gr:hasValueFloat "10.0"^^xsd:float;
     gr:hasUnitOfMeasurement "CMT"^^xsd:string
  ] .
```

8. Annotation Properties

- gr:displayPosition
- gr:relatedWebService

gr:displayPosition (rdf:type owl:AnnotationProperty (http://www.w3.org/2002/07/owl#AnnotationProperty))

(http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23displayPosition&text=gr%3AdisplayPosition%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23displayPosition&title=gr%3AdisplayPosition%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23displayPosition&title=gr%3AdisplayPosition%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F

%2Fpurl.org%2Fgoodrelations%2Fv1.html%23displayPosition&t=gr%3AdisplayPosition%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#displayPosition (http://purl.org/goodrelations/v1#displayPosition)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) display position (0..1)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The position at which the option or element should be listed in a menu or user dialog, lower numbers come first.

The main usage of this property are the days of the week (gr:DayOfWeek), but it is also possible to apply it e.g. to product features or any other conceptual element.
Note: Rely on this property only for data originating from a single RDF graph; otherwise, unpredictable results are possible.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

gr:relatedWebService (rdf:type owl:AnnotationProperty (http://www.w3.org/2002/07/owl#AnnotationProperty)) (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23relatedWebService&text=gr%3ArelatedWebService%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23relatedWebService&title=gr%3ArelatedWebService%20element%20of%20the%20GoodRelations%20Vocabulary%20for% Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23relatedWebService&title=gr%3ArelatedWebService%20element%20of%20the%20GoodRelations%20Vocabulary%20for% Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23relatedWebService&t=gr%3ArelatedWebService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20 Commerce)

URI http://purl.org/goodrelations/v1#relatedWebService (http://purl.org/goodrelations/v1#relatedWebService)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) related Web Service (0..*)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The URI of a SOAP or REST Web Service from which additional information about the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity), gr:Offering (http://purl.org/goodrelations/v1#Offering), gr:PriceSpecification (http://purl.org/goodrelations/v1#PriceSpecification), or gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService), or any other element, can be obtained. The recommended range is xsd:anyURI i.e., the URI of a SOAP or REST Web Service.

In principle, any existing or upcoming vocabulary for Web Services can be used in combination with GoodRelations, because the association between (a) the service description and (b) the GoodRelations description can be found via the Web Service URI value used with this gr:relatedWebService (http://purl.org/goodrelations/v1#relatedWebService)

property.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

9. Individuals

- gr:AmericanExpress
- gr:Business
- gr:ByBankTransferInAdvance
- gr:ByInvoice
- gr:Cash
- gr:CheckInAdvance
- gr:COD
- gr:ConstructionInstallation
- gr:DeliveryModeDirectDownload
- gr:DeliveryModeFreight
- gr:DeliveryModeMail
- gr:DeliveryModeOwnFleet
- gr:DeliveryModePickUp
- gr:DHL
- gr:DinersClub
- gr:DirectDebit
- gr:Discover
- gr:Dispose
- gr:Enduser
- gr:FederalExpress
- gr:Friday
- gr:GoogleCheckout
- gr:JCB
- gr:Labor-BringIn
- gr:LeaseOut
- gr:Maintain
- gr:MasterCard
- gr:Monday
- gr:PartsAndLabor-BringIn
- gr:PartsAndLabor-PickUp
- gr:PayPal
- gr:PaySwarm
- gr:ProvideService
- gr:PublicHolidays
- gr:PublicInstitution
- gr:Repair
- gr:Reseller
- gr:Saturday
- gr:Sell
- gr:Sunday
- gr:Thursday
- gr:Tuesday

- gr:UPS
- gr:VISA
- gr:Wednesday
- gr:Buy DEPRECATED

gr:AmericanExpress (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23AmericanExpress&text=gr%3AAmericanExpress%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23AmericanExpress&title=gr%3AAmericanExpress%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23AmericanExpress&title=gr%3AAmericanExpress%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23AmericanExpress&t=gr%3AAmericanExpress%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E- Commerce)

(rdf:type gr:PaymentMethodCreditCard)

URI http://purl.org/goodrelations/v1#AmericanExpress (http://purl.org/goodrelations/v1#AmericanExpress)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) American Express (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by credit or debit cards issued by the American Express network.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:AmericanExpress .
```

gr:Business (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Business&text=gr%3ABusiness%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Business&title=gr%3ABusiness%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Business&title=gr%3ABusiness%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Business&t=gr%3ABusiness%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessEntityType)

URI http://purl.org/goodrelations/v1#Business (http://purl.org/goodrelations/v1#Business)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Business (business entity type)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The gr:BusinessEntityType (http://purl.org/goodrelations/v1#BusinessEntityType) representing such agents that are

themselves offering commercial services or products on the market. Usually, businesses are characterized by the fact that they are officially registered with the public administration and strive for profits by their activities.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:eligibleCustomerTypes gr:Business .
```

gr:ByBankTransferInAdvance (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ByBankTransferInAdvance&text=gr%3AByBankTransferInAdvance%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ByBankTransferInAdvance&title=gr%3AByBankTransferInAdvance%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ByBankTransferInAdvance&title=gr%3AByBankTransferInAdvance%20element%20of%20the%20GoodRelations%20Vocabulary%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ByBankTransferInAdvance&t=gr%3AByBankTransferInAdvance%20element%20of%20the%20GoodRelations%20Vocabulary%20Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#ByBankTransferInAdvance (http://purl.org/goodrelations/v1#ByBankTransferInAdvance)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) By bank transfer in advance (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by bank transfer in advance, i.e., the offering gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) will inform the buying party about their bank account details and will deliver the goods upon receipt of the due amount.
This is equivalent to payment by wire transfer.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:ByBankTransferInAdvance .
```

gr:ByInvoice (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ByInvoice&text=gr%3AByInvoice%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ByInvoice&title=gr%3AByInvoice%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-

(rdf:type gr:PaymentMethod)

Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ByInvoice&title=gr%3AByInvoice%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ByInvoice&t=gr%3AByInvoice%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#ByInvoice (http://purl.org/goodrelations/v1#ByInvoice)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) By invoice (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by bank transfer after delivery, i.e., the offering gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) will deliver first, inform the buying party about the due amount and their bank account details, and expect payment shortly after delivery.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:ByInvoice .
```

gr:Cash (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Cash&text=gr%3ACash%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Cash&title=gr%3ACash%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Cash&title=gr%3ACash%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Cash&t=gr%3ACash%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#Cash (http://purl.org/goodrelations/v1#Cash)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Cash (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by cash upon delivery or pickup.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:Cash .
```

gr:CheckInAdvance (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23CheckInAdvance&text=gr%3ACheckInAdvance%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23CheckInAdvance&title=gr%3ACheckInAdvance%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23CheckInAdvance&title=gr%3ACheckInAdvance%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2(Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23CheckInAdvance&t=gr%3ACheckInAdvance%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#CheckInAdvance (http://purl.org/goodrelations/v1#CheckInAdvance)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Check in advance (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by sending a check in advance, i.e., the offering gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) will deliver the goods upon receipt of a check over the due amount. There are variations in handling payment by check - sometimes, shipment will be upon receipt of the check as a document, sometimes the shipment will take place only upon successful crediting of the check.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:CheckInAdvance .
```

gr:COD (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23COD&text=gr%3ACOD%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23COD&title=gr%3ACOD%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23COD&title=gr%3ACOD%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23COD&t=gr%3ACOD%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#COD (http://purl.org/goodrelations/v1#COD)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) COD (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Collect on delivery / Cash on delivery - A payment method where the recipient of goods pays at the time of delivery.

Usually, the amount of money is collected by the transportation company handling the goods.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:COD .
```

gr:ConstructionInstallation (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ConstructionInstallation&text=gr%3AConstructionInstallation%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ConstructionInstallation&title=gr%3AConstructionInstallation%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ConstructionInstallation&title=gr%3AConstructionInstallation%20element%20of%20the%20GoodRelations%20Vocabulary%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ConstructionInstallation&t=gr%3AConstructionInstallation%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#ConstructionInstallation (http://purl.org/goodrelations/v1#ConstructionInstallation)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Construction / installation (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers (or seeks) the construction and/or installation of the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) at the customer's location.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:ConstructionInstallation .
```

gr:DeliveryModeDirectDownload (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeDirectDownload&text=gr%3ADeliveryModeDirectDownload%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeDirectDownload&title=gr%3ADeliveryModeDirectDownload%20element%20of%20the%20GoodRelations%20Vocabul Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeDirectDownload& (rdf:type gr:DeliveryMethod)

title=gr%3ADeliveryModeDirectDownload%20element%20of%20the%20GoodRelations%20Vocabul
Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F
%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryModeDirectDownload&
t=gr%3ADeliveryModeDirectDownload%20element%20of%20the%20GoodRelations%20Vocabulary'
Commerce)

URI http://purl.org/goodrelations/v1#DeliveryModeDirectDownload (http://purl.org/goodrelations
/v1#DeliveryModeDirectDownload)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery mode direct download (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery of the goods via direct download from the Internet, i.e., the offering gr:BusinessEntity (http://purl.org
/goodrelations/v1#BusinessEntity) provides the buying party with details on how to retrieve the goods online.
Connection fees and other costs of using the infrastructure are to be carried by the buying party.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:DeliveryModeDirectDownload .
```

gr:DeliveryModeFreight (http://twitter.com/share?url=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeFreight& text=gr%3ADeliveryModeFreight%20of%20%23goodrelations%20%23rdfa%20%23lod& via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add& bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeFreight& title=gr%3ADeliveryModeFreight%20element%20of%20the%20GoodRelations%20Vocabulary%20fc Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeFreight& title=gr%3ADeliveryModeFreight%20element%20of%20the%20GoodRelations%20Vocabulary%20fc Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F %2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryModeFreight& t=gr%3ADeliveryModeFreight%20element%20of%20the%20GoodRelations%20Vocabulary%20for%. Commerce)

(rdf:type gr:DeliveryMethod)

URI http://purl.org/goodrelations/v1#DeliveryModeFreight (http://purl.org/goodrelations/v1#DeliveryModeFreight)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery mode freight (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery by an unspecified air, sea, or ground freight carrier or cargo company.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:DeliveryModeFreight .
```

gr:DeliveryModeMail (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeMail&text=gr%3ADeliveryModeMail%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeMail&title=gr%3ADeliveryModeMail%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeMail&title=gr%3ADeliveryModeMail%20element%20of%20the%20GoodRelations%20Vocabulary%20for%Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryModeMail&t=gr%3ADeliveryModeMail%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce)

(rdf:type gr:DeliveryMethod)

URI http://purl.org/goodrelations/v1#DeliveryModeMail (http://purl.org/goodrelations/v1#DeliveryModeMail)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery mode mail (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery via regular mail service (private or public postal services).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:DeliveryModeMail .
```

gr:DeliveryModeOwnFleet (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeOwnFleet&text=gr%3ADeliveryModeOwnFleet%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeOwnFleet&title=gr%3ADeliveryModeOwnFleet%20element%20of%20the%20GoodRelations%20Vocabulary%2Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModeOwnFleet&title=gr%3ADeliveryModeOwnFleet%20element%20of%20the%20GoodRelations%20Vocabulary%2Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryModeOwnFleet&t=gr%3ADeliveryModeOwnFleet%20element%20of%20the%20GoodRelations%20Vocabulary%20foCommerce)

(rdf:type gr:DeliveryMethod)

URI http://purl.org/goodrelations/v1#DeliveryModeOwnFleet (http://purl.org/goodrelations/v1#DeliveryModeOwnFleet)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery mode own fleet (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery of the goods by using a fleet of vehicles either owned and operated or subcontracted by the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:DeliveryModeOwnFleet .
```

gr:DeliveryModePickUp (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModePickUp&text=gr%3ADeliveryModePickUp%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModePickUp&title=gr%3ADeliveryModePickUp%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DeliveryModePickUp&title=gr%3ADeliveryModePickUp%20element%20of%20the%20GoodRelations%20Vocabulary%20fo Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DeliveryModePickUp&t=gr%3ADeliveryModePickUp%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce)

(rdf:type gr:DeliveryMethod)

URI http://purl.org/goodrelations/v1#DeliveryModePickUp (http://purl.org/goodrelations/v1#DeliveryModePickUp)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Delivery mode pick up (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery of the goods by picking them up at one of the stores etc. (gr:Location) during the opening hours as specified by respective instances of gr:OpeningHoursSpecification (http://purl.org/goodrelations/v1#OpeningHoursSpecification).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:DeliveryModePickUp .
```

gr:DHL (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DHL&text=gr%3ADHL%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DHL&title=gr%3ADHL%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DHL&title=gr%3ADHL%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DHL&t=gr%3ADHL%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DeliveryModeParcelService)

URI http://purl.org/goodrelations/v1#DHL (http://purl.org/goodrelations/v1#DHL)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) DHL (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery via the parcel service DHL.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:DHL .
```

gr:DinersClub (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DinersClub&text=gr%3ADinersClub%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DinersClub&title=gr%3ADinersClub%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DinersClub&title=gr%3ADinersClub%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DinersClub&t=gr%3ADinersClub%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (rdf:type gr:PaymentMethodCreditCard)

URI http://purl.org/goodrelations/v1#DinersClub (http://purl.org/goodrelations/v1#DinersClub)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Diners Club (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by credit or debit cards issued by the Diner's Club network.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:DinersClub .
```

gr:DirectDebit (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DirectDebit&text=gr%3ADirectDebit%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DirectDebit&title=gr%3ADirectDebit%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E- (rdf:type gr:PaymentMethod)

Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23DirectDebit&title=gr%3ADirectDebit%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23DirectDebit&t=gr%3ADirectDebit%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#DirectDebit (http://purl.org/goodrelations/v1#DirectDebit)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Direct debit (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by direct debit, i.e., the buying party will inform the offering gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) about its bank account details and authorizes the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) to collect the agreed amount directly from that account.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:DirectDebit .
```

gr:Discover (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Discover&text=gr%3ADiscover%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Discover&title=gr%3ADiscover%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Discover&title=gr%3ADiscover%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Discover&t=gr%3ADiscover%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (rdf:type gr:PaymentMethodCreditCard)

URI http://purl.org/goodrelations/v1#Discover (http://purl.org/goodrelations/v1#Discover)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Discover (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by credit or debit cards issued by the Discover network.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:Discover .
```

gr:Dispose (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Dispose&text=gr%3ADispose%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Dispose&title=gr%3ADispose%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Dispose&title=gr%3ADispose%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Dispose&t=gr%3ADispose%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#Dispose (http://purl.org/goodrelations/v1#Dispose)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Dispose (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers (or seeks) the acceptance of the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) for proper disposal, recycling, or any other kind of allowed usages, freeing the current owner from all rights and obligations of ownership.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:Dispose .
```

gr:Enduser (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Enduser&text=gr%3AEnduser%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Enduser&title=gr%3AEnduser%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Enduser&title=gr%3AEnduser%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Enduser&t=gr%3AEnduser%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessEntityType)

URI http://purl.org/goodrelations/v1#Enduser (http://purl.org/goodrelations/v1#Enduser)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Enduser (business entity type)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The gr:BusinessEntityType (http://purl.org/goodrelations/v1#BusinessEntityType) representing such agents that are purchasing the good or service for private consumption, in particular not for resale or for usage within an industrial enterprise. By default, a Business Entity is an Enduser.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:eligibleCustomerTypes gr:Enduser .
```

gr:FederalExpress (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23FederalExpress&text=gr%3AFederalExpress%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23FederalExpress&title=gr%3AFederalExpress%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23FederalExpress&title=gr%3AFederalExpress%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23FederalExpress&t=gr%3AFederalExpress%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DeliveryModeParcelService)

URI http://purl.org/goodrelations/v1#FederalExpress (http://purl.org/goodrelations/v1#FederalExpress)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Federal Express (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery via the parcel service Federal Express.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:FederalExpress .
```

gr:Friday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Friday&text=gr%3AFriday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Friday&title=gr%3AFriday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F

(rdf:type gr:DayOfWeek)

%2Fpurl.org%2Fgoodrelations%2Fv1%23Friday&title=gr%3AFriday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Friday&t=gr%3AFriday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#Friday (http://purl.org/goodrelations/v1#Friday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Friday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Friday as a day of the week.

gr:hasPrevious gr:Thursday
gr:hasNext gr:Saturday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "20:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Friday .
```

gr:GoogleCheckout (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23GoogleCheckout&text=gr%3AGoogleCheckout%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23GoogleCheckout&title=gr%3AGoogleCheckout%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23GoogleCheckout&title=gr%3AGoogleCheckout%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23GoogleCheckout&t=gr%3AGoogleCheckout%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#GoogleCheckout (http://purl.org/goodrelations/v1#GoogleCheckout)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Google Checkout (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment via the Google Checkout payment service.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:GoogleCheckout .
```

gr:JCB (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23JCB&text=gr%3AJCB%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23JCB&title=gr%3AJCB%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23JCB&title=gr%3AJCB%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23JCB&t=gr%3AJCB%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethodCreditCard)

URI http://purl.org/goodrelations/v1#JCB (http://purl.org/goodrelations/v1#JCB)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) JCB (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by credit or debit cards issued by the JCB network.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:JCB .
```

gr:Labor-BringIn (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Labor-BringIn&text=gr%3ALabor-BringIn%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Labor-BringIn&title=gr%3ALabor-BringIn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Labor-BringIn&title=gr%3ALabor-BringIn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Labor-BringIn&t=gr%3ALabor-BringIn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:WarrantyScope)

URI http://purl.org/goodrelations/v1#Labor-BringIn (http://purl.org/goodrelations/v1#Labor-BringIn)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Labor / bring-in (warranty scope)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

In case of a defect or malfunction, the buying party has the right to transport the good to a service location determined by the the selling gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) and will be charged only for parts and materials needed to fix the problem. Labor will be covered by the selling business entity or one of its partnering business entities.

Note: This is just a rough classification for filtering offers. It is up to the buying party to check the exact scope and terms and conditions of the gr:WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:hasWarrantyPromise [
        a gr:WarrantyPromise;
        gr:durationOfWarrantyInMonths "12"^^xsd:int;
        gr:hasWarrantyScope gr:Labor-BringIn
    ] .
```

gr:LeaseOut (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23LeaseOut&text=gr%3ALeaseOut%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23LeaseOut&title=gr%3ALeaseOut%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23LeaseOut&title=gr%3ALeaseOut%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23LeaseOut&t=gr%3ALeaseOut%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#LeaseOut (http://purl.org/goodrelations/v1#LeaseOut)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Lease Out (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers (or seeks) the temporary right to use the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:LeaseOut .
```

gr:Maintain (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Maintain&text=gr%3AMaintain%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Maintain&

(rdf:type gr:BusinessFunction)

title=gr%3AMaintain%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Maintain&title=gr%3AMaintain%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Maintain&t=gr%3AMaintain%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#Maintain (http://purl.org/goodrelations/v1#Maintain)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Maintain (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers (or seeks) typical maintenance tasks for the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). Maintenance tasks are actions that undo or compensate for wear or other deterioriation caused by regular usage, in order to restore the originally intended function of the product, or to prevent outage or malfunction.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:Maintain .
```

gr:MasterCard (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23MasterCard&text=gr%3AMasterCard%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23MasterCard&title=gr%3AMasterCard%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23MasterCard&title=gr%3AMasterCard%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23MasterCard&t=gr%3AMasterCard%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethodCreditCard)

URI http://purl.org/goodrelations/v1#MasterCard (http://purl.org/goodrelations/v1#MasterCard)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) MasterCard (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by credit or debit cards issued by the MasterCard network.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:MasterCard .
```

gr:Monday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Monday&text=gr%3AMonday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Monday&title=gr%3AMonday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Monday&title=gr%3AMonday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Monday&t=gr%3AMonday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DayOfWeek)

URI http://purl.org/goodrelations/v1#Monday (http://purl.org/goodrelations/v1#Monday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Monday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Monday as a day of the week.

gr:hasPrevious gr:Sunday
gr:hasNext gr:Tuesday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "20:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Monday .
```

gr:PartsAndLabor-BringIn (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PartsAndLabor-BringIn&text=gr%3APartsAndLabor-BringIn%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PartsAndLabor-BringIn&title=gr%3APartsAndLabor-BringIn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PartsAndLabor-BringIn&title=gr%3APartsAndLabor-BringIn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PartsAndLabor-BringIn&t=gr%3APartsAndLabor-BringIn%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:WarrantyScope)

URI http://purl.org/goodrelations/v1#PartsAndLabor-BringIn (http://purl.org/goodrelations/v1#PartsAndLabor-BringIn)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Parts and labor / bring-in (warranty scope)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

In case of a defect or malfunction, the buying party has the right to transport the good to a service location determined by the the selling gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) and will not be be charged for labor, parts, and materials needed to fix the problem. All those costs will be covered by the selling business entity or one of its partnering business entities.

Note: This is just a rough classification for filtering offers. It is up to the buying party to check the exact scope and terms and conditions of the gr:WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:hasWarrantyPromise [
        a gr:WarrantyPromise;
        gr:durationOfWarrantyInMonths "12"^^xsd:int;
        gr:hasWarrantyScope gr:PartsAndLabor-BringIn
    ] .
```

gr:PartsAndLabor-PickUp (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PartsAndLabor-PickUp&text=gr%3APartsAndLabor-PickUp%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PartsAndLabor-PickUp&title=gr%3APartsAndLabor-PickUp%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PartsAndLabor-PickUp&title=gr%3APartsAndLabor-PickUp%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PartsAndLabor-PickUp&t=gr%3APartsAndLabor-PickUp%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:WarrantyScope)

URI http://purl.org/goodrelations/v1#PartsAndLabor-PickUp (http://purl.org/goodrelations/v1#PartsAndLabor-PickUp)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Parts and labor / pick up (warranty scope)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

In case of a defect or malfunction, the buying party has the right to request from the selling gr:Business (http://purl.org/goodrelations/v1#Business) Entity to pick-up the good from its current location to a suitable service location, where the functionality of the good will be restored. All transportation, labor, parts, and materials needed to fix the problem will be covered by the selling business entity or one of its partnering business entities.

Note: This is just a rough classification for filtering offers. It is up to the buying party to check the exact scope and terms and conditions of the gr:WarrantyPromise (http://purl.org/goodrelations/v1#WarrantyPromise).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.

There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
    gr:hasWarrantyPromise [
        a gr:WarrantyPromise;
        gr:durationOfWarrantyInMonths "12"^^xsd:int;
        gr:hasWarrantyScope gr:PartsAndLabor-PickUp
    ] .
```

gr:PayPal (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PayPal&text=gr%3APayPal%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PayPal&title=gr%3APayPal%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PayPal&title=gr%3APayPal%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PayPal&t=gr%3APayPal%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#PayPal (http://purl.org/goodrelations/v1#PayPal)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) PayPal (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment via the PayPal payment service.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:PayPal .
```

gr:PaySwarm (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaySwarm&text=gr%3APaySwarm%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaySwarm&title=gr%3APaySwarm%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PaySwarm&title=gr%3APaySwarm%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PaySwarm&t=gr%3APaySwarm%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:PaymentMethod)

URI http://purl.org/goodrelations/v1#PaySwarm (http://purl.org/goodrelations/v1#PaySwarm)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) PaySwarm (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment via the PaySwarm distributed micropayment service.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:PaySwarm .
```

gr:ProvideService (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProvideService&text=gr%3AProvideService%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProvideService&title=gr%3AProvideService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23ProvideService&title=gr%3AProvideService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23ProvideService&t=gr%3AProvideService%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#ProvideService (http://purl.org/goodrelations/v1#ProvideService)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Provide service (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers (or seeks) the respective type of service.

Note: Maintain and Repair are also types of Services. However, products and services ontologies often provide classes for tangible products as well as for types of services. The business function gr:ProvideService (http://purl.org/goodrelations/v1#ProvideService) is to be used with such goods that are services, while gr:Maintain (http://purl.org/goodrelations/v1#Maintain) and gr:Repair (http://purl.org/goodrelations/v1#Repair) can be used with goods for which only the class of product exists in the ontology, but not the respective type of service.

Example: Car maintenance could be expressed both as "provide the service car maintenance" or "maintain cars".

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:ProvideService .
```

gr:PublicHolidays (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PublicHolidays&text=gr%3APublicHolidays%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PublicHolidays&title=gr%3APublicHolidays%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PublicHolidays&title=gr%3APublicHolidays%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PublicHolidays&t=gr%3APublicHolidays%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DayOfWeek)

URI http://purl.org/goodrelations/v1#PublicHolidays (http://purl.org/goodrelations/v1#PublicHolidays)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Public holidays (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

A placeholder for all official public holidays at the gr:Location (http://purl.org/goodrelations/v1#Location). This allows specifying the opening hours on public holidays. If a given day is a public holiday, this specification supersedes the opening hours for the respective day of the week.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "17:00:00"^^xsd:time;
    gr:closes "23:59:59"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:PublicHolidays .
```

gr:PublicInstitution (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PublicInstitution&text=gr%3APublicInstitution%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PublicInstitution&title=gr%3APublicInstitution%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23PublicInstitution&title=gr%3APublicInstitution%20element%20of%20the%20GoodRelations%20Vocabulary%20for%2 Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23PublicInstitution&t=gr%3APublicInstitution%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessEntityType)

URI http://purl.org/goodrelations/v1#PublicInstitution (http://purl.org/goodrelations/v1#PublicInstitution)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Public institution (business entity type)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The gr:BusinessEntityType (http://purl.org/goodrelations/v1#BusinessEntityType) representing such agents that are part of the adminstration or owned by the public.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:eligibleCustomerTypes gr:PublicInstitution .
```

gr:Repair (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Repair&text=gr%3ARepair%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Repair&title=gr%3ARepair%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Repair&title=gr%3ARepair%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Repair&t=gr%3ARepair%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#Repair (http://purl.org/goodrelations/v1#Repair)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Repair (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers (or seeks) the evaluation of the chances for repairing, and, if positive, repair of the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService). Repairing means actions that restore the originally intended function of a product that suffers from outage or malfunction.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:Repair .
```

gr:Reseller (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Reseller&text=gr%3AReseller%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Reseller&title=gr%3AReseller%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Reseller&title=gr%3AReseller%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Reseller& (rdf:type gr:BusinessEntityType)

t=gr%3AReseller%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#Reseller (http://purl.org/goodrelations/v1#Reseller)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Reseller (business entity type)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

The gr:BusinessEntityType (http://purl.org/goodrelations/v1#BusinessEntityType) representing such agents that are purchasing the scope of products included in the gr:Offering (http://purl.org/goodrelations/v1#Offering) for resale on the market. Resellers are also businesses, i.e., they are officially registered with the public administration and strive for profits by their activities.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:eligibleCustomerTypes gr:Reseller .
```

gr:Saturday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Saturday&text=gr%3ASaturday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Saturday&title=gr%3ASaturday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Saturday&title=gr%3ASaturday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Saturday&t=gr%3ASaturday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (rdf:type gr:DayOfWeek)

URI http://purl.org/goodrelations/v1#Saturday (http://purl.org/goodrelations/v1#Saturday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Saturday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Saturday as a day of the week.

gr:hasPrevious gr:Friday
gr:hasNext gr:Sunday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "12:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Saturday .
```

gr:Sell (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Sell&text=gr%3ASell%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Sell&title=gr%3ASell%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Sell&title=gr%3ASell%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Sell&t=gr%3ASell%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#Sell (http://purl.org/goodrelations/v1#Sell)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Sell (business function)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) offers to permanently transfer all property rights on the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:hasBusinessFunction gr:Sell .
```

gr:Sunday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Sunday&text=gr%3ASunday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Sunday&title=gr%3ASunday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Sunday&title=gr%3ASunday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Sunday&t=gr%3ASunday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DayOfWeek)

URI http://purl.org/goodrelations/v1#Sunday (http://purl.org/goodrelations/v1#Sunday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Sunday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Sunday as a day of the week.

gr:hasPrevious gr:Saturday
gr:hasNext gr:Monday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "17:00:00"^^xsd:time;
    gr:closes "23:59:59"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Sunday .
```

gr:Thursday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Thursday&text=gr%3AThursday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Thursday&title=gr%3AThursday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Thursday&title=gr%3AThursday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Thursday&t=gr%3AThursday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DayOfWeek)

URI http://purl.org/goodrelations/v1#Thursday (http://purl.org/goodrelations/v1#Thursday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Thursday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Thursday as a day of the week.

gr:hasPrevious gr:Wednesday
gr:hasNext gr:Friday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "20:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Thursday .
```

gr:Tuesday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Tuesday&text=gr%3ATuesday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Tuesday&title=gr%3ATuesday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Tuesday&title=gr%3ATuesday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Tuesday&

(rdf:type gr:DayOfWeek)

t=gr%3ATuesday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#Tuesday (http://purl.org/goodrelations/v1#Tuesday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Tuesday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Tuesday as a day of the week.

gr:hasPrevious gr:Monday
gr:hasNext gr:Wednesday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "20:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Tuesday .
```

gr:UPS (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23UPS&text=gr%3AUPS%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23UPS&title=gr%3AUPS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23UPS&title=gr%3AUPS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23UPS&t=gr%3AUPS%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:DeliveryModeParcelService)

URI http://purl.org/goodrelations/v1#UPS (http://purl.org/goodrelations/v1#UPS)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) UPS (delivery method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Delivery via the parcel service UPS.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:availableDeliveryMethods gr:UPS .
```

gr:VISA (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23VISA&text=gr%3AVISA%20of%20%23goodrelations

(rdf:type gr:PaymentMethodCreditCard)

%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23VISA&title=gr%3AVISA%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23VISA&title=gr%3AVISA%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23VISA&t=gr%3AVISA%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

URI http://purl.org/goodrelations/v1#VISA (http://purl.org/goodrelations/v1#VISA)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) VISA (payment method)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Payment by credit or debit cards issued by the VISA network.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:offer a gr:Offering;
   gr:acceptedPaymentMethods gr:VISA .
```

gr:Wednesday (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Wednesday&text=gr%3AWednesday%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Wednesday&title=gr%3AWednesday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Wednesday&title=gr%3AWednesday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Wednesday&t=gr%3AWednesday%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (rdf:type gr:DayOfWeek)

URI http://purl.org/goodrelations/v1#Wednesday (http://purl.org/goodrelations/v1#Wednesday)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Wednesday (day of week)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

Wednesday as a day of the week.

gr:hasPrevious gr:Tuesday
gr:hasNext gr:Thursday

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.

There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.

```
foo:opening a gr:OpeningHoursSpecification;
    gr:opens "08:00:00"^^xsd:time;
    gr:closes "20:00:00"^^xsd:time;
    gr:hasOpeningHoursDayOfWeek gr:Wednesday .
```

gr:Buy DEPRECATED (http://twitter.com/share?url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Buy&text=gr%3ABuy%20of%20%23goodrelations%20%23rdfa%20%23lod&via=mfhepp&count=none&lang=en) (http://www.google.com/bookmarks/mark?op=add&bkmk=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Buy&title=gr%3ABuy%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.delicious.com/save?v=5&noui&jump=close&url=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1%23Buy&title=gr%3ABuy%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce) (http://www.facebook.com/sharer.php?u=http%3A%2F%2Fpurl.org%2Fgoodrelations%2Fv1.html%23Buy&t=gr%3ABuy%20element%20of%20the%20GoodRelations%20Vocabulary%20for%20E-Commerce)

(rdf:type gr:BusinessFunction)

URI http://purl.org/goodrelations/v1#Buy (http://purl.org/goodrelations/v1#Buy)
rdfs:label (http://www.w3.org/2000/01/rdf-schema#label) Buy (business function, DEPRECATED)

rdfs:comment (http://www.w3.org/2000/01/rdf-schema#comment)

This gr:BusinessFunction (http://purl.org/goodrelations/v1#BusinessFunction) indicates that the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity) is in general interested in purchasing the specified gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).
DEPRECATED. Use gr:seeks (http://purl.org/goodrelations/v1#seeks) instead.

Discussions and Links

Examples

There is currently no example available in Microdata syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in RDFa syntax.

Please use the 'ask' button if you need assistance.
There is currently no example available in Turtle syntax.

Please use the 'ask' button if you need assistance.

10. Contact Information

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11. License

The GoodRelations ontology is available under the **Creative Commons Attribution 3.0 (http://creativecommons.org/licenses/by/3.0/)** license. You are free to copy, distribute and transmit the work; to remix/adapt the work (e.g. to import the ontology and create specializations of its elements), as long as you attribute the work, e.g. by stating "This work is based on the GoodRelations ontology, developed by Martin Hepp" and linking back to http://purl.org/goodrelations/ (http://purl.org/goodrelations/).

12. Acknowledgements

Many organizations and individuals have supported the work on the GoodRelations vocabulary. Please honor their help by visiting this page:

http://wiki.goodrelations-vocabulary.org/Acknowledgments (http://wiki.goodrelations-vocabulary.org/Acknowledgments)

13. References

Hepp, Martin: GoodRelations: An Ontology for Describing Products and Services Offers on the Web (http://www.heppnetz.de/files/GoodRelationsEKAW2008-crc-final.pdf), Proceedings of the 16th International Conference on Knowledge Engineering and Knowledge Management (EKAW2008), Acitrezza, Italy, September 29 - October 3, 2008, Springer LNCS, Vol 5268, pp. 332-347.

14. Change Log

2011-10-01: Service Update (practically 100% backwards-compatible): Microdata compatibility, alignment with schema.org, examples, minor extensions, and polishing

- Made GoodRelations fully usable in Microdata syntax.
- Added Microdata processing rules (special thanks to Jeni Tennison, Gregg Kellog, and Philip Jaegenstedt for their valuable feedback!).
- Added a mapping to the most relevant schema.org classes Person, Organization, Product, Place, and Offer; and for the properties description, image, name, productID, and manufacturer.
- Added and improved many examples in Microdata, RDFa, and Turtle syntax.
- Added a rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain) to gr:name (http://purl.org/goodrelations/v1#name) and gr:description (http://purl.org/goodrelations/v1#description) (important for Microdata scenarios).
- Added new sections to HTML - "Conceptual Overview" and "Microdata Usage".
- Fixed textual definitions of gr:billingIncrement (http://purl.org/goodrelations/v1#billingIncrement), gr:width (http://purl.org/goodrelations/v1#width), gr:weight (http://purl.org/goodrelations/v1#weight), gr:hasUnitOfMeasurement (http://purl.org/goodrelations/v1#hasUnitOfMeasurement), gr:offers (http://purl.org/goodrelations/v1#offers), gr:typeOfGood (http://purl.org/goodrelations/v1#typeOfGood), gr:DeliveryModePickUp (http://purl.org/goodrelations/v1#DeliveryModePickUp), and gr:BusinessEntityType (http://purl.org/goodrelations/v1#BusinessEntityType).
- Fixed minor bug in the Stack Overflow links.
- Added disjointness axiom between gr:Brand (http://purl.org/goodrelations/v1#Brand) and gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService).
- Added gr:vatID (http://purl.org/goodrelations/v1#vatID) property for indicating the VAT ID of the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).
- Added gr:taxID (http://purl.org/goodrelations/v1#taxID) property for indicating the Tax / Fiscal ID of the gr:BusinessEntity (http://purl.org/goodrelations/v1#BusinessEntity).
- Added gr:License (http://purl.org/goodrelations/v1#License).
- Included gr:License (http://purl.org/goodrelations/v1#License) in the rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain) of gr:validFrom (http://purl.org/goodrelations/v1#validFrom) and gr:validThrough (http://purl.org/goodrelations/v1#validThrough) and updated the textual definition.
- Included gr:License (http://purl.org/goodrelations/v1#License) in the rdfs:domain (http://www.w3.org/2000/01/rdf-schema#domain) of gr:eligibleRegions (http://purl.org/goodrelations/v1#eligibleRegions) and updated the textual definition.
- Included gr:License (http://purl.org/goodrelations/v1#License) in the rdfs:domain (http://www.w3.org/2000/01/rdf-

schema#domain) of gr:eligibleDuration (http://purl.org/goodrelations/v1#eligibleDuration) and updated the textual definition.

- Changed the rdfs:range (http://www.w3.org/2000/01/rdf-schema#range) of gr:eligibleDuration (http://purl.org/goodrelations/v1#eligibleDuration) from gr:QuantitativeValueInteger (http://purl.org/goodrelations/v1#QuantitativeValueInteger) to gr:QuantitativeValue (http://purl.org/goodrelations/v1#QuantitativeValue).
- Removed the mutual disjointness axioms between gr:ProductOrService (http://purl.org/goodrelations/v1#ProductOrService) and gr:PaymentMethod (http://purl.org/goodrelations/v1#PaymentMethod), so that e.g. gift vouchers or coins can be both products and payment methods.

For the full change log, see http://wiki.goodrelations-vocabulary.org/Changelog (http://wiki.goodrelations-vocabulary.org/Changelog).