RDFa Lite
What is RDFa Lite?

- RDFa 1.1 Lite is a subset of RDFa 1.1
- Five simple attributes: vocab, typeof, property, resource, and prefix
- Completely upwards compatible RDFa 1.1
- Works well with schema.org terms
- Consists of five simple attributes: vocab, typeof, property, resource and prefix
RDFa Lite example

The *vocab* attribute sets the default vocabulary for a block, *typeof* sets the class and *property* introduces a property

```html
<p vocab="http://schema.org/" typeof="Person">
  My name is
  <span property="name">Manu Sporny</span>
  and you can give me a ring via
  <span property="telephone">1-800-555-0199</span> or visit
  <a property="url" href="http://manu.sporny.org/">my homepage</a>
</p>
```
RDFa Lite vs. Microdata

**RDFa Lite**

```html
<p vocab="http://schema.org/" typeof="Person">
My name is
<span property="name">Manu Sporny</span>
and you can give me a ring via
<span property="telephone">1-800-555-0199</span>
or visit
<a property="url" href="http://manu.sporny.org/">my homepage</a>
</p>
```

**Microdata**

```html
<p itemscope itemtype="http://schema.org/Person">
My name is
<span itemprop="name">Manu Sporny</span>
and you can give me a ring via
<span itemprop="telephone">1-800-555-0199</span>
or visit
<a itemprop="url" href="http://manu.sporny.org/">my homepage</a>
</p>
```
Microdata vs RDFa lite serialization

- The RDFa Lite serialization looks almost isomorphic to the Microdata version

- Changes:
  - itemprop -> property
  - itemscope is dropped
  - itemtype-> typeof
  - vocab="http://schema.org/" added to the body or some other enclosing tag
RDFa Lite example: resource

Resource attribute gives object value (URL) for subject and prefix attribute eases mixing vocabularies

```xml
<p vocab="http://schema.org/"
    typeof="Person"
    resource="#manu"
    prefix="ov:http://open.vocab.org/terms/" >

My favorite animal is the
    <span property="ov:preferredAnimal">Liger</span>

</p>
```
One advantage of Microdata markup was it was simpler than RDFa.

RDFa Lite offers the same simplicity but with two advantages:
- You can add statements from multiple RDF vocabularies.
- You can take advantage of more complex RDFa markup features if and when needed.