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
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

<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>

<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 taga
RDFa Lite example: resource

The resource attribute gives an object value (URL) for a subject and the prefix attribute eases mixing vocabularies

```html
<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 in other RDF vocabularies.
- You can take advantage of more complex RDFa markup features if and when needed.