

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

```
<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>
```

**RDFa
Lite**

```
<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>
```

**Micro-
data**

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

```
<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>
```

Conclusions

- 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