

RDFa: Interoperable Web Metadata

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<http://rdfa.info>

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Why You Should Care

- The web really works because it is interoperable.
- What's true for human-rendered data is true for machine-readable metadata.
- How can web publishers and tool builders make web metadata interoperable?

Principles

- Vocabulary of Metadata:
 - ➔ independence
 - ➔ modularity/reusability
 - ➔ evolvability
- Don't Repeat Yourself (DRY)
- In-Context Metadata (Cut & Paste)

RDFa

(Semantic HTML)

```
<div>
```

```
licensed under a
```

```
<a
```

```
  href="http://cc.org/licenses/by/2.5/">
```

```
  Creative Commons License
```

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</a>.
```

```
</div>
```

```
<div xmlns:cc="http://web.resource.org/cc/">
```

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  href="http://cc.org/licenses/by/2.5/">
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</a>.
```

```
</div>
```

```
<div xmlns:cc="http://web.resource.org/cc/"  
      xmlns:dc="http://purl.org/dc/1.1/">
```

This document was written by

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<span property="dc:creator">Ben Adida</span>
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</a>.
```

```
</div>
```

```
<div xmlns:cc="http://web.resource.org/cc/"  
      xmlns:dc="http://purl.org/dc/1.1/"  
      about="photo2.jpg">
```

This photo was taken by

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<span property="dc:creator">Ben Adida</span>
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```
</a>.
```

```
</div>
```


Demo

```
RDFA.CALLBACK_DONE_PARSING = function() {  
  var cc = new RDFa.Namespace('cc',  
    'http://web.resource.org/cc/');  
  
  var lic = new RDFa.CURIE(cc, 'license');  
  
  var triple = RDFa.getTriples('', lic);  
  
  if (triple) {  
    if (confirm('Go to License?'))  
      document.location = triple[0].object;  
  }  
}
```

Other Development

- Browser Plugins
- Sidewinder (x-port.net)
- News Readers? HTML = RSS!

Want More?

<http://rdfa.info>