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**Examples of the 'XML2RFC' Version 2 and 3 Vocabularies**  
**draft-hoffman-rfcexamples-00**

Abstract

This document gives examples of use of the "XML2RFC" vocabulary. The examples cover both version 2 and version 3. The purposes of this draft is to give authors of Internet Drafts examples of how to use the XML vocabularies, and to show how use of the version 2 vocabulary will change with version 3.

Editorial Note (To be removed by RFC Editor)

Discussion of this draft takes place on the rfc-interest mailing list ([rfc-interest@rfc-editor.org](mailto:rfc-interest@rfc-editor.org)), which has its home page at [1].

Status of This Memo

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## [1.](#) Introduction

This document gives examples of use of the "XML2RFC" vocabulary. The examples cover both version 2 [[XML2RFCv2](#)] and version 3 [[XML2RFCv3](#)]. Some of the examples are given to help authors use parts of the vocabulary common to both versions (called "v2" and "v3" in this document), while others appear in order to help authors transitioning from version 2 to version 3 to see how features from the earlier version relate to features in the later version.

This document currently only has one main example, which shows the commonly-used XML elements. A future version of the document may have a more complete example, and will very likely have topic-specific examples (such as lists, tables, and so on).

## [2.](#) Example of a v2 Document

The following is a v2 document that has all the elements that are needed for typical Internet Drafts.

```
<?xml version="1.0" encoding="US-ASCII"?>
<!DOCTYPE rfc SYSTEM "rfc2629.dtd" [
<!ENTITY RFC2119 SYSTEM
  "http://xml.resource.org/public/rfc/bibxml/reference.RFC.2119.xml">
]>

<?xml-stylesheet type='text/xsl' href='rfc2629.xslt' ?>
<?rfc strict="yes" ?>

<rfc
  category="std"
```



```
    docName="draft-example-of-xml-00"
    ipr="trust200902"
>

<front>
<title abbrev="XML Example">
An Exmaple of Using XML for an Internet Draft
</title>

<author fullname="Chris Smith" initials="C." surname="Smith">
<organization>Examplecorp</organization>
<address>
<postal>
<street>123 Exemplar Way</street>
<city>Anytown</city>
<region>California</region>
<code>95060</code>
<country>US</country>
</postal>
<phone>+1 123-456-7890</phone>
<email>chrissmith@example.com</email>
</address>
</author>

<!-- The following author has no organization and no postal or
      phone information. -->
<author fullname="Kim Jones" initials="K." surname="Jones">
<organization/>
<address>
<email>jk@lmn.op</email>
</address>
</author>

<date year="2014" month="September"/>

<area>General</area>
<workgroup>Imaginary WG</workgroup>

<keyword>XML</keyword>
<keyword>Imagination</keyword>

<abstract>

<t>This is an example of an abstract. It is a short paragraph that
gives an overview of the document in order to help the
reader determine whether or not they are interested in reading
further.</t>
```



```
</abstract>

</front>

<middle>

<section anchor="intro" title="Introduction">

<t>This is this is the first paragraph of the introduction to this
document. This introduction is probably much shorter than it would
be for a real Internet Draft.</t>

<t>Something to note about this paragraph is that it has a
pointer to <xref target="protocol"/>, and one to
<xref target="haiku"/>, both of which appear later in the
document.</t>

<!-- This is a comment. Comments in the XML do not appear in the
output formats. -->

<section title="Terminology">

<t>The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL
NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL"
in this document are to be interpreted as described in
<xref target="RFC2119"/>.</t>

</section>

</section>

<section anchor="protocol" title="The Protocol Being Described">

<t>This is a reference to <xref target="RFC6949"/>.
Actually, the reference itself is not all that interesting, but the
way that the reference is incorporated is. Note that the inclusion
of RFC 2119 was done at the top of the XML, while the information
for RFC 6949 is done directly in the references section.</t>

</section>

<section title="Basic Lists">

<t>Bulleted lists are good for items that
are not ordered:

<list style="symbols">
```



```
<t>This is the first item.</t>

<t>This is the second item. Here comes a sub-list:

<list style="symbols">

<t>This is the first sub-item.</t>

<t>This is the second sub-item</t>

</list></t>

<t>This is the item after the sub-list.</t>

</list>

</t>

<t>Numbered lists are good for items that are ordered:

<list style="numbers">

<t>This is the first item.</t>

<t>This is the second item. Here comes a sub-list:

<list style="numbers">

<t>This is the first sub-item.</t>

<t>This is the second sub-item</t>

</list></t>

<t>This is the item after the sub-list.</t>

</list>

</t>

</section>

<section title="Figures">

<t>The following is a figure with a caption.
Also, it uses the ampersand (&amp;) and less than
(&lt;) characters in the example text.</t>
```





```
<figure title="This could be haiku" anchor="haiku">
<artwork>
  The ampersand (&#x26;) and
  the less than (&#x3c;) are two characters
  that need escaping.
</artwork>
</figure>

</section>

<section anchor="IANA" title="IANA Considerations">

<t>None.</t>

</section>

<section anchor="Security" title="Security Considerations">

<t>There are no security considerations for an imaginary
Internet Draft.</t>

</section>

<section anchor="Acknowledgements" title="Acknowledgements">

<t>Some of the things included in this draft came from
Elwyn Davies' templates.</t>

</section>

</middle>

<back>

<references title="Normative References">

&#x26;RFC2119;

</references>

<references title="Informative References">

<reference anchor="RFC6949">
<front><title>RFC Series Format Requirements and Future
Development</title>
<author initials="H." surname="Flanagan" fullname="H.
Flanagan"><organization/></author>
<author initials="N." surname="Brownlee" fullname="N.
```



```
Brownlee"><organization/></author>
<date year="2013" month="May"/>
</front>
<seriesInfo name="RFC" value="6949"/>
</reference>

</references>

</back>
</rfc>
```

### 3. Example of a v3 Document

The following is a v3 document that has all the elements that are needed for typical Internet Drafts. It was converted from the example in [Section 2](#).

```
<?xml version='1.0' encoding='US-ASCII'?>
<!DOCTYPE rfc SYSTEM 'rfc2629.dtd'

>

<rfc category='std' docName='draft-example-of-xml-00'
  ipr='trust200902' xmlns:xi="http://www.w3.org/2001/XInclude">

  <front>
    <title abbrev='XML Example'>
      An Exmaple of Using XML for an Internet Draft
    </title>

    <author fullname='Chris Smith' initials='C.' surname='Smith'>
      <organization>Examplecorp</organization>
      <address>
        <postal>
          <street>123 Exemplar Way</street>
          <city>Anytown</city>
          <region>California</region>
          <code>95060</code>
          <country>US</country>
        </postal>
        <phone>+1 123-456-7890</phone>
        <email>chrissmith@example.com</email>
      </address>
    </author>

    <!-- The following author has no organization and no postal or
          phone information. -->
    <author fullname='Kim Jones' initials='K.' surname='Jones'>
```



```
<organization></organization>
<address>
<email>jk@lmn.op</email>
</address>
</author>

<date year='2014' month='September' />

<area>General</area>
<workgroup>Imaginary WG</workgroup>

<keyword>XML</keyword>
<keyword>Imagination</keyword>

<abstract>

<t>This is an example of an abstract. It is a short paragraph that
gives an overview of the document in order to help the
reader determine whether or not they are interested in reading
further.</t>

</abstract>

</front>

<middle>

<section anchor='intro'><name>
Introduction</name>

<t>This is this is the first paragraph of the introduction to this
document. This introduction is probably much shorter than it would
be for a real Internet Draft.</t>

<t>Something to note about this paragraph is that it has a
pointer to <xref target='protocol'></xref>, and one to
<xref target='haiku'></xref>, both of which appear later in the
document.</t>

<!-- This is a comment. Comments in the XML do not appear in the
output formats. -->

<section><name>
Terminology</name>

<t>The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL
NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL"
in this document are to be interpreted as described in
```



```
<xref target='RFC2119'></xref>.</t>
```

```
</section>
```

```
</section>
```

```
<section anchor='protocol'><name>  
The Protocol Being Described</name>
```

```
<t>This is a reference to <xref target='RFC6949'></xref>.  
Actually, the reference itself is not all that interesting, but the  
way that the reference is incorporated is. Note that the inclusion  
of RFC 2119 was done at the top of the XML, while the information  
for RFC 6949 is done directly in the references section.</t>
```

```
</section>
```

```
<section><name>  
Basic Lists</name>
```

```
<t>Bulleted lists are good for items that  
are not ordered:
```

```
<ul>
```

```
<li>This is the first item.</li>
```

```
<li>This is the second item. Here comes a sub-list:
```

```
<ul>
```

```
<li>This is the first sub-item.</li>
```

```
<li>This is the second sub-item</li>
```

```
</ul></li>
```

```
<li>This is the item after the sub-list.</li>
```

```
</ul>
```

```
</t>
```

```
<t>Numbered lists are good for items that are ordered:
```

```
<ol style='1'>
```

```
<li>This is the first item.</li>
```





```
<li>This is the second item. Here comes a sub-list:

<ol style='1'>

<li>This is the first sub-item.</li>

<li>This is the second sub-item</li>

</ol></li>

<li>This is the item after the sub-list.</li>

</ol>

</t>

</section>

<section><name>
Figures</name>

<t>The following is a figure with a caption.
Also, it uses the ampersand (&#x26;) and less than
(&#x3c;) characters in the example text.</t>

<figure anchor='haiku'><name>
This could be haiku</name>
<artwork>
    The ampersand (&#x26;) and
    the less than (&#x3c;) are two characters
    that need escaping.
</artwork>
</figure>

</section>

<section anchor='IANA'><name>
IANA Considerations</name>

<t>None.</t>

</section>

<section anchor='Security'><name>
Security Considerations</name>

<t>There are no security considerations for an imaginary
Internet Draft.</t>
```



```
</section>

<section anchor='Acknowledgements'><name>
Acknowledgements</name>

<t>Some of the things included in this draft came from
Elwyn Davies' templates.</t>

</section>

</middle>

<back>

<references title='Normative References'>

<xi:include href='http://xml.resource.org/public/rfc/
bibxml/reference.RFC.2119.xml' />

</references>

<references title='Informative References'>

<reference anchor='RFC6949'>
<front><title>RFC Series Format Requirements and Future
Development</title>
<author initials='H.' surname='Flanagan' fullname='H. Flanagan'>
<organization></organization></author>
<author initials='N.' surname='Brownlee' fullname='N. Brownlee'>
<organization></organization></author>
<date year='2013' month='May' />
</front>
<seriesInfo name='RFC' value='6949' />
</reference>

</references>

</back>
</rfc>
```

#### **4. Security Considerations**

The examples in this document do not introduce any new security considerations.



## **5. IANA Considerations**

There are no IANA considerations for this document.

## **6. Acknowledgments**

The ideas for the examples in this document come from many people over a long period of time.

## **7. Normative References**

[XML2RFCv2]

Reschke, J., "The 'XML2RFC' version 2 Vocabulary", [draft-reschke-xml2rfc](#) (work in progress), 2014.

[XML2RFCv3]

Hoffman, P., "The 'XML2RFC' version 3 Vocabulary", [draft-hoffman-xml2rfc](#) (work in progress), 2014.

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