Network Working Group
Internet-Draft
Expires: March 28, 2006

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September 24, 2005

Atom Publishing Protocol - Blog Publishing Controls
draft-snell-atompub-app-blogcontrol-00.txt

Status of this Memo

Copyright Notice

Abstract

This document introduces weblog specific publishing control extensions for use with the Atom Publishing Protocol pub:control mechanism.

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1. Introduction

This document introduces weblog specific publishing control extensions for use with the Atom Publishing Protocol pub:control mechanism.

2. Notational Conventions

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 BCP 14, [RFC2119], as scoped to those conformance targets.

In this specification, "entry" refers to an atom:entry element.

In this specification, "publishing control" refers to the Atom Publishing Protocol pub:control element.

This specification uses XML Namespaces [W3C.REC-xml-names-19990114] to uniquely identify XML element names. It uses the following namespace prefix for the indicated namespace URI;

```
"blog": "http://purl.org/atompub/blogcontrols/1.0"
```

This specification uses terms from the XML Infoset [W3C.REC-xml-infoset-20040204]. However, this specification uses a shorthand; the phrase "Information Item" is omitted when naming Element Information Items. Therefore, when this specification uses the term "element," it is referring to an Element Information Item in Infoset terms.

3. The 'blog:private' element

The 'blog:private' element is used to indicate that a weblog entry should only be made available to a limited audience. It is up to specific implementations to provide the mechanism for determining the audience. If missing, the value is assumed to be indeterminate.

```
blogPrivate = element blog:private { 'yes' | 'no' }
```

4. The 'blog:notify' element

The 'blog:notify' element is used to specific a collection of endpoints that should be notified upon the creation or update of the entry.

```
  blogNotify = element blog:notify {
    element blogEndpoint *,
    undefinedContent
  }

  blogEndpoint = element blog:endpoint {
    attribute type { IRI },
    ( IRI )
  }
```

The blog:endpoint element specifies an IRI to which a notification should be sent. The type attribute specifies a IRI indicating the type of notification to send.

Ed. Note: Should notify be ignored on updates??

5. The 'blog:enable' element

The 'blog:enable' element is used to specify whether specific features should be enabled for the entry. Examples of such features include whether or not to enable comments or trackbacks for an entry, or whether or not to enable a given text-encoding mechanism or plugin.

```
blogEnable = element blog:enable {
  element blogComments ?,
  element blogTrackbacks ?,
  element blogPingbacks ?,
  element blogCommentsNotify ?,
  element blogTrackbacksNotify ?,
  element blogPingbacksNotify ?,
  element blogTextEncoding *,
  element blogPlugin *,
  undefinedContent
}

blogComments = element blog:comments {
  attribute until { dateTime }?,
  ('yes','no','moderated','registered')
}

blogTrackbacks = element blog:trackbacks {
  attribute until { dateTime }?,
  ('yes','no','moderated','registered')
}

blogPingbacks = element blog:pingbacks {
  attribute until { dateTime }?,
  ('yes','no','moderated','registered')
}

blogCommentsNotify =
  element blog:comments-notify { 'yes' | 'no' }

blogTrackbacksNotify =
  element blog:trackbacks-notify { 'yes' | 'no' }

blogPingbacksNotify =
  element blog:pingbacks-notify { 'yes' | 'no' }

blogTextEncoding = element blog:text-encoding {
  attribute id { IRI },
  undefinedContent
}

blogPlugin = element blog:plugin {
  attribute id { IRI },
  undefinedContent
}
```

- The blog:comments element specifies whether to enable comments for the entry. The value of the element is either 'yes', indicating that comments are fully enabled; 'no', indicating that comments are fully disabled; 'moderated', indicating that comments must be reviewed and approved prior to acceptance; and 'registered', indicating that users posting comments must be registered in order to submit comments. The option @until attribute must specify a timestamp conformant with the Atom Date Construct that specifies a moment after which comments will no longer be accepted.
- The blog:trackbacks element specifies whether to enable trackbacks for the entry. The value of the element is either 'yes', indicating that trackbacks are fully enabled; 'no', indicating that trackbacks are fully disabled; 'moderated', indicating that trackbacks must be reviewed and approved prior to acceptance; and 'registered', indicating that users posting trackbacks must be registered. The option @until attribute must specify a timestamp conformant with the Atom Date Construct that specifies a moment after which trackbacks will no longer be accepted.
- The blog:pingbacks element specifies whether to enable pingbacks for the entry. The value of the element is either 'yes', indicating that pingbacks are fully enabled; 'no', indicating that pingbacks are fully disabled; 'moderated', indicating that pingbacks must be reviewed and approved prior to acceptance; and 'registered', indicating that users posting pingbacks must be registered. The option @until attribute must specify a timestamp conformant with the Atom Date Construct that specifies a moment after which pingbacks will no longer be accepted.
- The blog:comments-notify element specifies whether or not notifications should be sent when new comments are posted. The elements value is either 'yes' or 'no'.
- The blog:comments-notify element specifies whether or not notifications should be sent when new comments are posted. The elements value is either 'yes' or 'no'.
- The blog:trackbacks-notify element specifies whether or not notifications should be sent when new trackbacks are posted. The elements value is either 'yes' or 'no'.
- The blog:pingbacks-notify element specifies whether or not notifications should be sent when new pingbacks are posted. The elements value is either 'yes' or 'no'.
- The blog:text-encoding element @id attribute specifies an IRI identifying a text-encoding scheme to apply to the post. The blog:text-encoding element MAY contain any number of namespace-qualified child elements that MAY be considered relevant to the application of the identified text-encoding scheme.
- The blog:plugin element @id attribute specifies an IRI identifying a plugin to enable for the post. The blog:plugin element MAY contain any number of namespace-qualified child elements that MAY be considered relevant to the application of the identified

plugin.

6. The 'blog:scheduled' element

The 'blog:scheduled' element is used to specify a date and time conformant to the Atom Date Construct that indicates when the posted entry should be published. If specified, sofware implementations MUST NOT make the element externally available until the moment specified in the element passes.

The 'blog:scheduled' element is only effective on new or scheduled entries that have not yet been published and MUST be ignored if included in updates to existing published entries.

```
blogScheduled = element blog:scheduled { atomDateConstruct }
```

7. Example

The following Atom Entry illustrates the construction of an Atom Publishing Protocol post in which:

- The entry is consider to be public
- Trackback and Ping notifications should be sent
- Comments and trackbacks are moderated and enabled until midnight, December 12, 2005
- The post should not be published until midnight, November 11, 2005

```
<entry xmlns="http://www.w3.org/2005/Atom"
       xmlns:pub="..."
       xmlns:blog="...">
  <id>tag:example.com,2005:/entries/1234</id>
  <title>A simple blog entry</title>
  <updated>2005-10-10T00:00:00Z</updated>
  <content>This is a simple blog entry</content>
  <pub:control>
    <blog:private>no</blog:private>
    <blog:notify>
      <blog:endpoint
        type="http://www.movabletype.org/trackback/"> \
        http://www.example.com/entry1.tb</blog:endpoint>
      <blog:endpoint
        type="http://www.technorati.com/developers/ping/"> \
        http://www.technorati.com/ping/</blog:endpoint>
    </blog:notify>
    <blog:enable>
      <blog:comments
        until="2005-12-12T00:00:00Z">moderated</blog:comments>
      <blog:trackbacks
        until="2005-12-12T00:00:00Z">moderated</blog:trackbacks>
    </blog:enable>
    <blog:scheduled>2005-11-11T00:00:00Z</blog:scheduled>
  </pub:control>
</entry>
```

8. Security Considerations

There are no security considerations introduced by this specification.

9. IANA Considerations

There are no IANA considerations introduced by this specification.

10. References

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Appendix A. Acknowledgements

TBD

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Acknowledgment

Funding for the RFC Editor function is currently provided by the Internet Society.