

# [MS-SPAFWI]: SharePoint Activity Feed Web Interfaces Protocol

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## Revision Summary

Date	Revision History	Revision Class	Comments
11/06/2009	0.1	Major	Initial Availability
02/19/2010	1.0	Minor	Updated the technical content
03/31/2010	1.01	Editorial	Revised and edited the technical content
04/30/2010	1.02	Editorial	Revised and edited the technical content
06/07/2010	1.03	Editorial	Revised and edited the technical content
06/29/2010	1.04	Editorial	Changed language and formatting in the technical content.
07/23/2010	1.04	No change	No changes to the meaning, language, or formatting of the technical content.
09/27/2010	1.04	No change	No changes to the meaning, language, or formatting of the technical content.
11/15/2010	1.05	Editorial	Changed language and formatting in the technical content.
12/17/2010	1.05	No change	No changes to the meaning, language, or formatting of the technical content.
03/18/2011	1.05	No change	No changes to the meaning, language, or formatting of the technical content.
06/10/2011	1.05	No change	No changes to the meaning, language, or formatting of the technical content.
01/20/2012	2.0	Major	Significantly changed the technical content.
04/11/2012	2.0	No change	No changes to the meaning, language, or formatting of the technical content.
07/16/2012	2.0	No change	No changes to the meaning, language, or formatting of the technical content.
09/12/2012	2.0	No change	No changes to the meaning, language, or formatting of the technical content.
10/08/2012	2.0	No change	No changes to the meaning, language, or formatting of the technical content.
02/11/2013	2.0.1	Editorial	Changed language and formatting in the technical content.

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# 1 Introduction

This document specifies the SharePoint Activity Feed Web Interfaces Protocol, which specifies extensions for serializing and distributing social networking activity data of the users.

Sections 1.8, 2, and 3 of this specification are normative and can contain the terms MAY, SHOULD, MUST, MUST NOT, and SHOULD NOT as defined in RFC 2119. Sections 1.5 and 1.9 are also normative but cannot contain those terms. All other sections and examples in this specification are informative.

## 1.1 Glossary

The following terms are defined in [\[MS-GLOS\]](#):

### XML

The following terms are defined in [\[MS-OFCGLOS\]](#):

**site**  
**social networking**  
**Uniform Resource Identifier (URI)**  
**website**  
**XML namespace**  
**XML namespace prefix**

The following terms are specific to this document:

**MAY, SHOULD, MUST, SHOULD NOT, MUST NOT:** These terms (in all caps) are used as described in [\[RFC2119\]](#). All statements of optional behavior use either MAY, SHOULD, or SHOULD NOT.

## 1.2 References

References to Microsoft Open Specifications documentation do not include a publishing year because links are to the latest version of the technical documents, which are updated frequently. References to other documents include a publishing year when one is available.

### 1.2.1 Normative References

We conduct frequent surveys of the normative references to assure their continued availability. If you have any issue with finding a normative reference, please contact [dochelp@microsoft.com](mailto:dochelp@microsoft.com). We will assist you in finding the relevant information. Please check the archive site, <http://msdn2.microsoft.com/en-us/library/E4BD6494-06AD-4aed-9823-445E921C9624>, as an additional source.

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997, <http://www.rfc-editor.org/rfc/rfc2119.txt>

[RFC2616] Fielding, R., Gettys, J., Mogul, J., et al., "Hypertext Transfer Protocol -- HTTP/1.1", RFC 2616, June 1999, <http://www.ietf.org/rfc/rfc2616.txt>

[RFC4287] Nottingham, M., and Sayre, E.R., "The Atom Syndication Format", RFC 4287, December 2005, <http://www.ietf.org/rfc/rfc4287.txt>

[RSS2.0] Winer, D., "RSS 2.0 Specification", Fall 2002, version 2.0.1: July 2003, <http://cyber.law.harvard.edu/rss/rss.html>

[WSDL] Christensen, E., Curbera, F., Meredith, G., and Weerawarana, S., "Web Services Description Language (WSDL) 1.1", W3C Note, March 2001, <http://www.w3.org/TR/2001/NOTE-wsdl-20010315>

[XMLNS] Bray, T., Hollander, D., Layman, A., et al., Eds., "Namespaces in XML 1.0 (Third Edition)", W3C Recommendation, December 2009, <http://www.w3.org/TR/2009/REC-xml-names-20091208/>

[XMLSCHEMA1] Thompson, H.S., Beech, D., Maloney, M., Eds., and Mendelsohn, N., Ed., "XML Schema Part 1: Structures", W3C Recommendation, May 2001, <http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/>

[XMLSCHEMA2] Biron, P.V., and Malhotra, A., Eds., "XML Schema Part 2: Datatypes", W3C Recommendation, May 2001, <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/>

### 1.2.2 Informative References

[MS-GLOS] Microsoft Corporation, "[Windows Protocols Master Glossary](#)".

[MS-OFCGLOS] Microsoft Corporation, "[Microsoft Office Master Glossary](#)".

[MS-SPRSS] Microsoft Corporation, "[RSS 2.0 Format Extensions Specification](#)".

### 1.3 Protocol Overview (Synopsis)

This protocol defines the extensions to the [\[RSS2.0\]](#) and Microsoft RSS 2.0 Format Extensions, [\[MS-SPRSS\]](#) and ATOM 1.0, as described in [\[RFC4287\]](#), XML structures to support serializing and distributing **social networking** activity data for **Web site (2)** users. This protocol exposes social networking activities for any authenticated user accessing the Web site (2), whether or not the user accessing the Web site (2) participates in social networking activities.

### 1.4 Relationship to Other Protocols

This protocol is an extension of [\[RSS2.0\]](#) and ATOM **XML** structure, as described in [\[RFC4287\]](#). It has the same relationship to other protocols that the standard [\[RSS2.0\]](#) and ATOM 1.0 protocols have.

### 1.5 Prerequisites/Preconditions

None.

### 1.6 Applicability Statement

This protocol is designed for serializing and distributing social networking activity data of less than 200 distinct activities at a time, and activities that are less than two weeks old. This protocol is also designed for low impact social networking activities that typically take place at a much lower frequency than other online activities; for example, sending and receiving e-mail, or performing Web search.

### 1.7 Versioning and Capability Negotiation

None.

### 1.8 Vendor-Extensible Fields

None.

## 1.9 Standards Assignments

None.

## 2 Messages

### 2.1 Transport

This protocol does not require any specific transports; they are implementation-specific.

### 2.2 Common Message Syntax

This section contains common definitions used by this protocol. The syntax of the definitions uses XML Schema as defined in [\[XMLSCHEMA1\]](#) and [\[XMLSCHEMA2\]](#), and WSDL as defined in [\[WSDL\]](#).

#### 2.2.1 Namespaces

This specification defines and references various **XML namespaces** using the mechanisms specified in [\[XMLNS\]](#). Although this specification associates a specific **XML namespace prefix** for each XML namespace that is used, the choice of any particular XML namespace prefix is implementation-specific and not significant for interoperability. The namespaces are described in the following table.

Prefix	Namespace URI	Reference
s	<a href="http://www.w3.org/2001/XMLSchema">http://www.w3.org/2001/XMLSchema</a>	<a href="#">[XMLSCHEMA1]</a>
xs	<a href="http://www.w3.org/2001/XMLSchema">http://www.w3.org/2001/XMLSchema</a>	<a href="#">[XMLSCHEMA1]</a>
A10	ATOM 1.0 (also the default if none is specified)	<a href="#">[RFC4287]</a>
AF	<a href="http://schemas.microsoft.com/SharePoint/ActivityFeed">http://schemas.microsoft.com/SharePoint/ActivityFeed</a>	

#### 2.2.2 Messages

None.

#### 2.2.3 Elements

The elements in the following table are the additional elements in the namespace <http://schemas.microsoft.com/SharePoint/ActivityFeed> (denoted by prefix "AF" in section [2.2.1](#)) that are specific to this protocol. These elements will be recognized as part of this protocol only if they are present in this namespace.

Element	Description
<b>Author</b>	As specified by ATOM 1.0, in <a href="#">[RFC4287]</a> , and RSS 2.0 as specified in <a href="#">[RSS2.0]</a>
<b>Entry</b>	As specified by ATOM 1.0, in <a href="#">[RFC4287]</a>
<b>item</b>	As specified in RSS 2.0, in <a href="#">[RSS2.0]</a>
<b>TTL</b>	Within the <b>feed</b> element (ATOM 1.0, as specified in <a href="#">[RFC4287]</a> ) or the <b>channel</b> element ( <a href="#">[RSS2.0]</a> ). The validity period of the entire social networking activity feed, expressed in seconds.
<b>Id</b>	Within the <b>author</b> element (ATOM 1.0 as specified in <a href="#">[RFC4287]</a> or RSS 2.0 as specified in <a href="#">[RSS2.0]</a> ). A unique identifier of the Web site (2) user that is represented by the <b>author</b> of an <b>entry</b> (ATOM 1.0 as specified in <a href="#">[RFC4287]</a> ) or <b>item</b> ( <a href="#">[RSS2.0]</a> ).



Element	Description
<b>AccountName</b>	Within the <b>author</b> element. The login user name of the <b>site (2)</b> user that is represented by the <b>author</b> of an <b>entry</b> or <b>item</b> .
<b>Picture</b>	Within the <b>author</b> element. The <b>URI</b> of a representation of the site (2) users that is represented by the <b>author</b> of an <b>entry</b> or <b>item</b> .
<b>Type</b>	Within the <b>author</b> element. The type of the site (2) user that is represented by the <b>author</b> of an <b>entry</b> or <b>item</b> . For example, "User", "Group", "Organization", "Contact", and so on. This value could be any string; the preceding are just typical examples. The value of this element does not drive any protocol behavior: it is informational only.
<b>Name</b>	Within the <b>entry</b> or <b>item</b> element. The name of the subject of the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>Value</b>	Within the <b>entry</b> or <b>item</b> element. The value of the subject of the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>Link</b>	Within the <b>entry</b> or <b>item</b> element. A URI and URI-related information for the subject of the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>Link2</b>	Within the <b>entry</b> or <b>item</b> element. Another URI and URI-related information for the subject of the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>List</b>	Within the <b>entry</b> or <b>item</b> element. A list of URIs and URI-related information for the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>DateOnly</b>	Within the <b>entry</b> or <b>item</b> element. The date portion of the date-time at which the activity took place. For example, if an anniversary activity was logged with the ATOM 1.0 <b>updated</b> tag being "20091023T15.10.45.000-7:00" (October 10, 2009 at 3:10:45 PM in PDT), the <b>DateOnly</b> tag would be "20091023T00.00.00" in UTC.
<b>ActivityType</b>	Within the <b>entry</b> or <b>item</b> element. The locale and language neutral string that indicates the type of social networking activity represented by an <b>entry</b> or <b>item</b> ; for example, profile changes, colleague changes, social tags, and so on. These can be used by clients of this protocol to group related <b>entry</b> elements in the feed together for display.
<b>Template</b>	Within the <b>entry</b> or <b>item</b> element. A formatting hint that specifies how a client can obtain the <b>content</b> in ATOM 1.0, specified in <a href="#">[RFC4287]</a> of an <b>entry</b> or <b>description</b> in RSS 2.0, specified in <a href="#">[RSS2.0]</a> of an <b>item</b> . This is done by using the information in one of the preceding tags, or one of the other tags in the standard ATOM 1.0 or RSS 2.0 formats.
<b>Size</b>	Within the <b>entry</b> or <b>item</b> element. Number of elements in the <b>List</b> element of the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>Separator</b>	Within the <b>entry</b> or <b>item</b> element. A formatting hint that specifies how elements of a <b>List</b> element need to be separated during display for the social networking activity represented by an <b>entry</b> or <b>item</b> .
<b>Content</b>	Within the <b>entry</b> or <b>item</b> element. The content or links to the content related to the activity represented by the <b>entry</b> or <b>item</b> element.
<b>Updated</b>	Within the <b>entry</b> or <b>item</b> element. The last instant in time that the item was updated.

### 2.2.3.1 TTL within the feed or rss element

```
<xs:element name="TTL" type="xs:int" />
```

Contains the time to live in seconds. Defaults to 2 weeks in seconds.

### 2.2.3.2 Id within the author element

```
<xs:element name="Id" type="xs:long" />
```

Contains a unique identifier for the author represented by the **author** tag of ATOM 1.0.

### 2.2.3.3 AccountName within the author element

```
<xs:element name="AccountName" type="xs:string" />
```

Contains the login name of the author represented by the **author** tag of ATOM 1.0.

### 2.2.3.4 Picture within the author element

```
<xs:element name="Picture" type="xs:anyURI" maxOccurs="1" minOccurs="0" />
```

Contains a URI of the picture of the author represented by the **author** tag of ATOM 1.0.

### 2.2.3.5 Type within the author element

```
<xs:element name="Type" type="xs:string" />
```

Contains the name of the type of user represented by the **author** tag of ATOM 1.0.

### 2.2.3.6 Name within the entry or item element

```
<xs:element name="Name" type="xs:string" maxOccurs="1" minOccurs="0" />
```

Contains the subject of the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.7 Value within the entry or item element

```
<xs:element name="Value" type="xs:string" maxOccurs="1" minOccurs="0" />
```

Contains the value of the subject of the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.8 Link within the entry or item element

```
<xs:element name="Link" type="AF:Link" maxOccurs="1" minOccurs="0" />
```

A URI and URI-related information for the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.9 Link2 within the entry or item element

```
<xs:element name="Link2" type="AF:Link" maxOccurs="1" minOccurs="0" />
```

A second URI and URI-related information for the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.10 List within the entry or item element

```
<xs:element name="List" type="AF:List" maxOccurs="1" minOccurs="0" />
```

A list of URIs and URI-related information for the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.11 DateOnly within the entry or item element

```
<xs:element name="DateOnly" type="xs:dateTime" maxOccurs="1" minOccurs="0" />
```

Essentially, the date portion of the date-time at which the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0 occurred. (The time portion of this date-time MUST be 00:00:00.)

### 2.2.3.12 ActivityType within the entry or item element

```
<xs:element name="ActivityType" type="xs:string" />
```

Contains a locale and language independent name of the type of activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0. The ActivityType is not limited to a finite set of strings because users can create new types on the server.

### 2.2.3.13 Template within the entry or item element

```
<xs:element name="Template" type="xs:string" />
```

Contains a formatting hint that can be used to compute the **content** of ATOM 1.0, specified in [\[RFC4287\]](#) and **description** of RSS 2.0, specified in [\[RSS2.0\]](#).

The template is a string in any language, with special markers that indicate areas of replaceable text that are demarcated to be within enclosing curly braces, ({ }). Anything that occurs between braces is taken to be one of the following:

- One of the tags in the "AF" namespace as described in this section (2.2.3).
- The string "Publisher", which indicates (is an alias for) the **author** tag of ATOM 1.0 or of RSS 2.0.

There is no support for tags within tags, that is, the following "{some\_text{nested\_text}more\_text}" is not a valid template.

A client that is rendering a feed returned by this protocol MAY use the template string to generate alternate textual descriptions of the activity represented by the **entry** tag of ATOM 1.0 and the **item** tag of RSS 2.0 by taking the template string and replacing the regions within curly braces (including the braces) with information from one of the preceding tags or a subset of those tags.

However, there is no requirement in this protocol for clients to generate alternate textual representations, because this protocol already computes an ATOM 1.0 / RSS 2.0 compliant textual representation in the **content** and **description** tags respectively, which ATOM 1.0 or RSS 2.0 clients can render natively. Hence, the **Template** has informational content only and its usage is optional.

### 2.2.3.14 Size within the entry or item element

```
<xs:element name="Size" type="xs:int" maxOccurs="1" minOccurs="0" />
```

The number of elements contained in the **List** element related to the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.15 Separator within the entry or item element

```
<xs:element name="Separator" type="xs:string" maxOccurs="1" minOccurs="0" />
```

The separator to be used between the **List** elements during display related to the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0.

### 2.2.3.16 Content within the entry or item element

```
<xs:element name="Content" type="xs:string" maxOccurs="1" minOccurs="0" />
```

The content or links to the content as specified in [\[RFC4287\]](#) related to the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0. [<1>](#)

### 2.2.3.17 Updated within the entry or item element

```
<xs:element name="Updated" type="xs:dateTime" maxOccurs="1" minOccurs="0" />
```

The instant in time that the item was updated as specified in [\[RFC4287\]](#) related to the activity represented by the **entry** tag of ATOM 1.0 and **item** tag of RSS 2.0. [<2>](#)

## 2.2.4 Complex Types

The following table summarizes the set of common XML Schema complex type definitions defined by this specification. XML Schema complex type definitions that are specific to a particular operation are described with the operation.

Complex type	Description
<b>AF:Link</b>	Specifies the structure of a <b>Link</b> element.
<b>AF:List</b>	Specifies a list of <b>AF:Link</b> elements.

### 2.2.4.1 AF:Link

```
<s:complexType name="Link">
  <s:sequence>
    <s:element name="Uri" maxOccurs="1" minOccurs="1" type="xs:string" />
  </s:sequence>
</s:complexType>
```

```
<s:element name="Title" maxOccurs="1" minOccurs="1" type="xs:string" />
</s:sequence>
</s:complexType>
```

**Uri:** Specifies the URI pointed by this link.

**Title:** Specifies the title of this link.

#### 2.2.4.2 AF:List

```
<s:complexType name="List">
  <s:sequence>
    <s:element name="Link" minOccurs="0" maxOccurs="unbounded" type="AF:Link" />
  </s:sequence>
</s:complexType>
```

**Link:** Specifies the **Link** element or elements contained in this list.

#### 2.2.5 Simple Types

This specification does not define any common XML Schema simple type definitions.

#### 2.2.6 Attributes

This specification does not define any common XML Schema attribute definitions.

#### 2.2.7 Groups

This specification does not define any common XML Schema group definitions.

#### 2.2.8 Attribute Groups

This specification does not define any common XML Schema attribute group definitions.

## 3 Protocol Details

The client side of this protocol is simply a pass-through. That is, no additional timers or other state is required on the client side of this protocol. Calls made by the higher-layer protocol or application are passed directly to the transport, and the results returned by the transport are passed directly back to the higher-layer protocol or application.

Except where specified, protocol clients SHOULD interpret HTTP status codes returned by the protocol server, as specified in [\[RFC2616\]](#) section 10.

This protocol allows clients to retrieve social networking activities of Web interface users serialized in ATOM 1.0, as specified in [\[RFC4287\]](#), or [\[RSS2.0\]](#) formats.

In the case of the [\[RSS2.0\]](#) serialization format, this protocol deviates from and extends the [\[RSS2.0\]](#) format specification by eliminating the requirement that link and description elements be included in all channel elements.

### 3.1 Server Details

This protocol is completely stateless, which means that the server does not retain information about any previous client connections or details of any previous requests. This protocol does not allow any changes (social networking or otherwise) to be made by the protocol client and there are no events that a client can listen to. Upon client request, the protocol server returns a feed of social networking activities that currently exist on the protocol server to the protocol client after serializing them into the [\[RSS2.0\]](#) or ATOM 1.0, specified in [\[RFC4287\]](#), formats.

#### 3.1.1 Abstract Data Model

This section describes a conceptual model of possible data organization that an implementation maintains to participate in this protocol. The described organization is provided to facilitate the explanation of how the protocol behaves. This document does not mandate that implementations adhere to this model as long as their external behavior is consistent with that described in this document.

This protocol is used to distribute social networking activity data to any client that understands [\[RSS2.0\]](#) or ATOM 1.0, specified in [\[RFC4287\]](#), syndication and serialization formats. This protocol describes the behavior of the protocol client and the protocol server. The only requirement is that the protocol client is authenticated by using standard mechanisms supported by the Web site (2). The client can request social networking activity data for any SharePoint user, including itself, and also specifies the format of either RSS 2.0 or ATOM 1.0. The server simply retrieves the requested data and returns it to the client after formatting it appropriately.

The only state relevant for this protocol is the current server state of the social networking activities done by the users of the site (2). This state changes as Web site (2) users perform social networking activities, and this protocol allows clients to see those changes upon request. It is completely up to the protocol implementation to decide which social networking activities to make available through this protocol: the protocol itself imposes no restrictions or requirements on protocol implementations.

#### 3.1.2 Timers

None.

### **3.1.3 Initialization**

None.

### **3.1.4 Message Processing Events and Sequencing Rules**

None.

### **3.1.5 Timer Events**

None.

### **3.1.6 Other Local Events**

None.

## 4 Protocol Examples

### 4.1 ATOM 1.0 Formatted Feed

This example describes an ATOM 1.0, as described in [\[RFC4287\]](#), formatted feed.

```
<feed xmlns="http://www.w3.org/2005/Atom">
  <title type="text">Activity Feed</title>
  <id>uuid:a523a693-d80c-44b6-aa74-fe8af92c7c32;id=1</id>
  <rights type="text">Copyright (c) Microsoft Corporation. All rights reserved.</rights>
  <updated>2010-01-30T02:26:58Z</updated>
  <TTL xmlns="AF">1209600</TTL>
  <entry xml:base="http://mosslatest/my">
    <id>7</id>
    <title type="text">Birthday</title>
    <summary type="html">
      &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; is celebrating a birthday today.&lt;br/&gt;Wish &lt;a
href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; a happy birthday!
    </summary>
    <published>2010-01-30T02:26:32-08:00</published>
    <updated>2010-01-30T02:25:59-08:00</updated>
    <author>
      <name>Dag Rovik</name>
      <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
      <email>dagro@contoso.com</email>
      <Id xmlns="AF">10</Id>
      <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
      <Type xmlns="AF">user</Type>
    </author>
    <content type="html">
      &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; is celebrating a birthday today.&lt;br/&gt;Wish &lt;a
href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; a happy birthday!
    </content>
    <ActivityType xmlns="AF">Birthday_Today</ActivityType>
    <Template xmlns="AF">
      {Publisher} is celebrating a birthday today.&lt;br/&gt;Wish {Publisher} a happy
birthday!
    </Template>
    <Name xmlns="AF">Saturday, January 30, 2010</Name>
    <DateOnly xmlns="AF">2010-01-30T00:00:00</DateOnly>
  </entry>
  <entry xml:base="http://mosslatest/my">
    <id>5</id>
    <title type="text">Profile update</title>
    <summary type="html">
      &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;&lt;ol&gt;&lt;li&gt;Birthday:
January 30&lt;/li&gt;&lt;li&gt;Hire date: 2/1/2007&lt;/li&gt;&lt;/ol&gt;
    </summary>
    <published>2010-01-30T02:26:32-08:00</published>
    <updated>2010-01-30T02:25:05-08:00</updated>
    <author>
      <name>Dag Rovik</name>
      <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
      <email>dagro@contoso.com</email>
```



```

        <Id xmlns="AF">10</Id>
        <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
        <Type xmlns="AF">user</Type>
    </author>
    <content type="html">
        &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;&lt;ol&gt;&lt;li&gt;Birthday:
January 30&lt;/li&gt;&lt;li&gt;Hire date: 2/1/2007&lt;/li&gt;&lt;/ol&gt;
    </content>
    <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
    <Template xmlns="AF">
        {Publisher} updated profile.&lt;br/&gt;{List}
    </Template>
    <Size xmlns="AF">2</Size>
    <List xmlns="AF">
        <Link>
            <Uri></Uri>
            <Title>Birthday: January 30</Title>
        </Link>
        <Link>
            <Uri></Uri>
            <Title>Hire date: 2/1/2007</Title>
        </Link>
    </List>
</entry>
<entry xml:base="http://mosslatest/my">
    <id>8</id>
    <title type="text">Note Board post</title>
    <summary type="html">
        &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; posted a note on &lt;a
href="http://example/my/Person.aspx?accountname=CONTOSO%5Cdagro"&gt;CONTOSO\dagro&lt;/a&gt;.&
lt;br/&gt;sample noteboard post
    </summary>
    <published>2010-01-30T02:26:32-08:00</published>
    <updated>2010-01-30T02:21:39-08:00</updated>
    <author>
        <name>Dag Rovik</name>
        <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
        <email>dagro@contoso.com</email>
        <Id xmlns="AF">10</Id>
        <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
        <Type xmlns="AF">user</Type>
    </author>
    <content type="html">
        &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; posted a note on &lt;a
href="http://example/my/Person.aspx?accountname=CONTOSO%5Cdagro"&gt;CONTOSO\dagro&lt;/a&gt;.&
lt;br/&gt;sample noteboard post
    </content>
    <ActivityType xmlns="AF">NoteboardPosts</ActivityType>
    <Template xmlns="AF">
        {Publisher} posted a note on {Link}.&lt;br/&gt;{Value}
    </Template>
    <Value xmlns="AF">sample noteboard post</Value>
    <Link xmlns="AF">
        <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cdagro</Uri>
        <Title>CONTOSO\dagro</Title>
    </Link>
</entry>

```

```

<entry xml:base="http://mosslatest/my">
  <id>6</id>
  <title type="text">New colleague</title>
  <summary type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; added 3 new colleagues.&lt;br/&gt;&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1' &gt;pkmuser1&lt;/a&gt;;
&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cstartlst' &gt;CONTOSO\startlst&lt;/a
&gt;; &lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpauldale' &gt;CONTOSO\pauldale&lt;/a
&gt;
  </summary>
  <published>2010-01-30T02:26:32-08:00</published>
  <updated>2010-01-30T02:21:23-08:00</updated>
  <author>
    <name>Dag Rovik</name>
    <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
    <email>dagro@contoso.com</email>
    <Id xmlns="AF">10</Id>
    <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
    <Type xmlns="AF">user</Type>
  </author>
  <content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; added 3 new colleagues.&lt;br/&gt;&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1' &gt;pkmuser1&lt;/a&gt;;
&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cstartlst' &gt;CONTOSO\startlst&lt;/a
&gt;; &lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpauldale' &gt;CONTOSO\pauldale&lt;/a
&gt;
  </content>
  <ActivityType xmlns="AF">ColleagueAddition</ActivityType>
  <Template xmlns="AF">
    {Publisher} added {Size} new colleagues.&lt;br/&gt;{List}
  </Template>
  <Link xmlns="AF">
    <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1</Uri>
    <Title>pkmuser1</Title>
  </Link>
  <Size xmlns="AF">3</Size>
  <Separator xmlns="AF">, </Separator>
  <List xmlns="AF">
    <Link>
      <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1</Uri>
      <Title>pkmuser1</Title>
    </Link>
    <Link>
      <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cstartlst</Uri>
      <Title>CONTOSO\startlst</Title>
    </Link>
    <Link>
      <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cpauldale</Uri>
      <Title>CONTOSO\pauldale</Title>
    </Link>
  </List>
</entry>
<entry xml:base="http://mosslatest/my">
  <id>4</id>

```

```

<title type="text">Profile update</title>
<summary type="html">
  &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Interests: interest1, interest2
</summary>
<published>2010-01-30T02:26:32-08:00</published>
<updated>2010-01-30T02:15:45-08:00</updated>
<author>
  <name>Dag Rovik</name>
  <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
  <email>dagro@contoso.com</email>
  <Id xmlns="AF">10</Id>
  <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
  <Type xmlns="AF">user</Type>
</author>
<content type="html">
  &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Interests: interest1, interest2
</content>
<ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
<Template xmlns="AF">
  {Publisher} updated profile.&lt;br/&gt;{List}
</Template>
<Size xmlns="AF">2</Size>
<Separator xmlns="AF">, </Separator>
<List xmlns="AF">
  <Link>
    <Uri></Uri>
    <Title>Interests: interest1</Title>
  </Link>
  <Link>
    <Uri></Uri>
    <Title>interest2</Title>
  </Link>
</List>
</entry>
<entry xml:base="http://mosslatest/my">
  <id>3</id>
  <title type="text">Profile update</title>
  <summary type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Skills: skill1, skill2
  </summary>
  <published>2010-01-30T02:26:32-08:00</published>
  <updated>2010-01-30T02:15:45-08:00</updated>
  <author>
    <name>Dag Rovik</name>
    <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
    <email>dagro@contoso.com</email>
    <Id xmlns="AF">10</Id>
    <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
    <Type xmlns="AF">user</Type>
  </author>
  <content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Skills: skill1, skill2
  </content>
  <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
  <Template xmlns="AF">

```

```

    {Publisher} updated profile.&lt;br/&gt;{List}
</Template>
<Size xmlns="AF">2</Size>
<Separator xmlns="AF">, </Separator>
<List xmlns="AF">
  <Link>
    <Uri></Uri>
    <Title>Skills: skill1</Title>
  </Link>
  <Link>
    <Uri></Uri>
    <Title>skill2</Title>
  </Link>
</List>
</entry>
<entry xml:base="http://mosslatest/my">
  <id>2</id>
  <title type="text">Profile update</title>
  <summary type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Ask Me About: Activity Feed,
Sync, Profile Store
  </summary>
  <published>2010-01-30T02:26:32-08:00</published>
  <updated>2010-01-30T02:15:45-08:00</updated>
  <author>
    <name>Dag Rovik</name>
    <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
    <email>dagro@contoso.com</email>
    <Id xmlns="AF">10</Id>
    <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
    <Type xmlns="AF">user</Type>
  </author>
  <content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Ask Me About: Activity Feed,
Sync, Profile Store
  </content>
  <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
  <Template xmlns="AF">
    {Publisher} updated profile.&lt;br/&gt;{List}
  </Template>
  <Size xmlns="AF">3</Size>
  <Separator xmlns="AF">, </Separator>
  <List xmlns="AF">
    <Link>
      <Uri></Uri>
      <Title>Ask Me About: Activity Feed</Title>
    </Link>
    <Link>
      <Uri></Uri>
      <Title>Sync</Title>
    </Link>
    <Link>
      <Uri></Uri>
      <Title>Profile Store</Title>
    </Link>
  </List>
</entry>

```

```

<entry xml:base="http://mosslatest/my">
  <id>1</id>
  <title type="text">Status Message</title>
  <summary type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; says "Testing Feeds".
  </summary>
  <published>2010-01-30T02:26:32-08:00</published>
  <updated>2010-01-30T02:14:40-08:00</updated>
  <author>
    <name>Dag Rovik</name>
    <uri>http://example/my/person.aspx?accountname=CONTOSO%5Cdagro</uri>
    <email>dagro@contoso.com</email>
    <Id xmlns="AF">10</Id>
    <AccountName xmlns="AF">CONTOSO\dagro</AccountName>
    <Type xmlns="AF">user</Type>
  </author>
  <content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; says "Testing Feeds".
  </content>
  <ActivityType xmlns="AF">StatusMessage</ActivityType>
  <Template xmlns="AF">
    {Publisher} says "{Value}".
  </Template>
  <Name xmlns="AF">Status Message</Name>
  <Value xmlns="AF">Testing Feeds</Value>
</entry>
</feed>

```

## 4.2 RSS 2.0 Formatted Feed

This example describes the same feed as the one in section [4.1](#), but in RSS 2.0, described in [\[RSS2.0\]](#) format.

```

<rss xmlns:a10="http://www.w3.org/2005/Atom" version="2.0">
  <channel>
    <title>Activity Feed</title>
    <description />
    <copyright>Copyright (c) Microsoft Corporation. All rights reserved.</copyright>
    <lastBuildDate>Sat, 30 Jan 2010 02:43:33 Z</lastBuildDate>
    <TTL xmlns="AF">1209600</TTL>
    <item xml:base="http://mosslatest/my">
      <guid isPermaLink="false">7</guid>
      <author>Dag Rovik</author>
      <title>Birthday</title>
      <description>
        &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; is celebrating a birthday today.&lt;br/&gt;Wish
&lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik"&gt;CONTOSO\dagro&lt;/a&gt; a happy birthday!
      </description>
      <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
      <a10:updated>2010-01-30T02:25:59-08:00</a10:updated>
      <a10:content type="html">
        &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; is celebrating a birthday today.&lt;br/&gt;Wish
      </a10:content type="html">
    </item>
  </channel>
</rss>

```

```

<a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro" title="Dag
Rovik">CONTOSO\dagro</a> a happy birthday!
  </a10:content>
  <ActivityType xmlns="AF">Birthday_Today</ActivityType>
  <Template xmlns="AF">
    {Publisher} is celebrating a birthday today.<br/>Wish {Publisher} a
happy birthday!
  </Template>
  <Name xmlns="AF">Saturday, January 30, 2010</Name>
  <DateOnly xmlns="AF">2010-01-30T00:00:00</DateOnly>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">5</guid>
  <author>Dag Rovik</author>
  <title>Profile update</title>
  <description>
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">CONTOSO\dagro</a> updated
profile.<br/><ol><li>Birthday: January 30</li><li>Hire date:
2/1/2007</li></ol>
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:25:05-08:00</a10:updated>
  <a10:content type="html">
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">CONTOSO\dagro</a> updated
profile.<br/><ol><li>Birthday: January 30</li><li>Hire date:
2/1/2007</li></ol>
  </a10:content>
  <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
  <Template xmlns="AF">
    {Publisher} updated profile.<br/>{List}
  </Template>
  <Size xmlns="AF">2</Size>
  <List xmlns="AF">
    <Link>
      <Uri></Uri>
      <Title>Birthday: January 30</Title>
    </Link>
    <Link>
      <Uri></Uri>
      <Title>Hire date: 2/1/2007</Title>
    </Link>
  </List>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">8</guid>
  <author>Dag Rovik</author>
  <title>Note Board post</title>
  <description>
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">CONTOSO\dagro</a> posted a note on <a
href="http://example/my/Person.aspx?accountname=CONTOSO%5Cdagro">CONTOSO\dagro</a>.<br/>sample noteboard post
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:21:39-08:00</a10:updated>
  <a10:content type="html">
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">CONTOSO\dagro</a> posted a note on <a

```

```

href='http://example/my/Person.aspx?accountname=CONTOSO%5Cdagro'&gt;CONTOSO\dagro&lt;/a&gt;.&
lt;br/&gt;sample noteboard post
  </a10:content>
  <ActivityType xmlns="AF">NoteboardPosts</ActivityType>
  <Template xmlns="AF">
    {Publisher} posted a note on {Link}.&lt;br/&gt;{Value}
  </Template>
  <Value xmlns="AF">sample noteboard post</Value>
  <Link xmlns="AF">
    <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cdagro</Uri>
    <Title>CONTOSO\dagro</Title>
  </Link>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">6</guid>
  <author>Dag Rovik</author>
  <title>New colleague</title>
  <description>
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; added 3 new colleagues.&lt;br/&gt;&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1'&gt;pkmuser1&lt;/a&gt;,
&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cstartlst'&gt;CONTOSO\startlst&lt;/a
&gt;, &lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpauldale'&gt;CONTOSO\pauldale&lt;/a
&gt;
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:21:23-08:00</a10:updated>
  <a10:content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; added 3 new colleagues.&lt;br/&gt;&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1'&gt;pkmuser1&lt;/a&gt;,
&lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cstartlst'&gt;CONTOSO\startlst&lt;/a
&gt;, &lt;a
href='http://example/my/Person.aspx?accountname=CONTOSO%5Cpauldale'&gt;CONTOSO\pauldale&lt;/a
&gt;
  </a10:content>
  <ActivityType xmlns="AF">ColleagueAddition</ActivityType>
  <Template xmlns="AF">
    {Publisher} added {Size} new colleagues.&lt;br/&gt;{List}
  </Template>
  <Link xmlns="AF">
    <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1</Uri>
    <Title>pkmuser1</Title>
  </Link>
  <Size xmlns="AF">3</Size>
  <Separator xmlns="AF">,</Separator>
  <List xmlns="AF">
    <Link>
      <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cpkmuser1</Uri>
      <Title>pkmuser1</Title>
    </Link>
    <Link>
      <Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cstartlst</Uri>
      <Title>CONTOSO\startlst</Title>
    </Link>
  </List>

```

```

<Uri>http://example/my/Person.aspx?accountname=CONTOSO%5Cpauldale</Uri>
  <Title>CONTOSO\pauldale</Title>
</Link>
</List>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">4</guid>
  <author>Dag Rovik</author>
  <title>Profile update</title>
  <description>
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Interests: interest1,
interest2
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:15:45-08:00</a10:updated>
  <a10:content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Interests: interest1,
interest2
  </a10:content>
  <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
  <Template xmlns="AF">
    {Publisher} updated profile.&lt;br/&gt;{List}
  </Template>
  <Size xmlns="AF">2</Size>
  <Separator xmlns="AF">, </Separator>
  <List xmlns="AF">
    <Link>
      <Uri></Uri>
      <Title>Interests: interest1</Title>
    </Link>
    <Link>
      <Uri></Uri>
      <Title>interest2</Title>
    </Link>
  </List>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">3</guid>
  <author>Dag Rovik</author>
  <title>Profile update</title>
  <description>
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Skills: skill1,
skill2
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:15:45-08:00</a10:updated>
  <a10:content type="html">
    &lt;a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik"&gt;CONTOSO\dagro&lt;/a&gt; updated profile.&lt;br/&gt;Skills: skill1,
skill2
  </a10:content>
  <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
  <Template xmlns="AF">
    {Publisher} updated profile.&lt;br/&gt;{List}
  </Template>
  <Size xmlns="AF">2</Size>

```



```

<Separator xmlns="AF">, </Separator>
<List xmlns="AF">
  <Link>
    <Uri></Uri>
    <Title>Skills: skill1</Title>
  </Link>
  <Link>
    <Uri></Uri>
    <Title>skill2</Title>
  </Link>
</List>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">2</guid>
  <author>Dag Rovik</author>
  <title>Profile update</title>
  <description>
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">&#x26;CONTOSO\&#x26; updated profile.&#x26;br/&#x26;Ask Me About:
Activity Feed, Sync, Profile Store
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:15:45-08:00</a10:updated>
  <a10:content type="html">
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">&#x26;CONTOSO\&#x26; updated profile.&#x26;br/&#x26;Ask Me About:
Activity Feed, Sync, Profile Store
  </a10:content>
  <ActivityType xmlns="AF">ProfilePropertyChange</ActivityType>
  <Template xmlns="AF">
    {Publisher} updated profile.&#x26;br/&#x26;{List}
  </Template>
  <Size xmlns="AF">3</Size>
  <Separator xmlns="AF">, </Separator>
  <List xmlns="AF">
    <Link>
      <Uri></Uri>
      <Title>Ask Me About: Activity Feed</Title>
    </Link>
    <Link>
      <Uri></Uri>
      <Title>Sync</Title>
    </Link>
    <Link>
      <Uri></Uri>
      <Title>Profile Store</Title>
    </Link>
  </List>
</item>
<item xml:base="http://mosslatest/my">
  <guid isPermaLink="false">1</guid>
  <author>Dag Rovik</author>
  <title>Status Message</title>
  <description>
    <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">&#x26;CONTOSO\&#x26; says "Testing Feeds".
  </description>
  <pubDate>Sat, 30 Jan 2010 02:26:32 -0800</pubDate>
  <a10:updated>2010-01-30T02:14:40-08:00</a10:updated>

```

```
<a10:content type="html">
  <a href="http://example/my/person.aspx?accountname=CONTOSO%5Cdagro"
title="Dag Rovik">>CONTOSO\dagro</a><a> says "Testing Feeds".
</a10:content>
<ActivityType xmlns="AF">StatusMessage</ActivityType>
<Template xmlns="AF">
  {Publisher} says "{Value}".
</Template>
<Name xmlns="AF">Status Message</Name>
<Value xmlns="AF">Testing Feeds</Value>
</item>
</channel>
</rss>
```

## **5 Security**

### **5.1 Security Considerations for Implementers**

None.

### **5.2 Index of Security Parameters**

None.

## 6 Appendix A: Full WSDL

None.

## 7 Appendix B: Product Behavior

The information in this specification is applicable to the following Microsoft products or supplemental software. References to product versions include released service packs:

- Microsoft Outlook 2010
- Microsoft Outlook 2013
- Microsoft SharePoint Server 2010
- Microsoft SharePoint Server 2013

Exceptions, if any, are noted below. If a service pack or Quick Fix Engineering (QFE) number appears with the product version, behavior changed in that service pack or QFE. The new behavior also applies to subsequent service packs of the product unless otherwise specified. If a product edition appears with the product version, behavior is different in that product edition.

Unless otherwise specified, any statement of optional behavior in this specification that is prescribed using the terms SHOULD or SHOULD NOT implies product behavior in accordance with the SHOULD or SHOULD NOT prescription. Unless otherwise specified, the term MAY implies that the product does not follow the prescription.

[<1> Section 2.2.3.16:](#) This element is available only in Outlook 2013 and SharePoint Server 2013.

[<2> Section 2.2.3.17:](#) This element is available only in Outlook 2013 and SharePoint Server 2013.

## 8 Change Tracking

This section identifies changes that were made to the [MS-SPAFWI] protocol document between the October 2012 and February 2013 releases. Changes are classified as New, Major, Minor, Editorial, or No change.

The revision class **New** means that a new document is being released.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements or functionality.
- An extensive rewrite, addition, or deletion of major portions of content.
- The removal of a document from the documentation set.
- Changes made for template compliance.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **Editorial** means that the language and formatting in the technical content was changed. Editorial changes apply to grammatical, formatting, and style issues.

The revision class **No change** means that no new technical or language changes were introduced. The technical content of the document is identical to the last released version, but minor editorial and formatting changes, as well as updates to the header and footer information, and to the revision summary, may have been made.

Major and minor changes can be described further using the following change types:

- New content added.
- Content updated.
- Content removed.
- New product behavior note added.
- Product behavior note updated.
- Product behavior note removed.
- New protocol syntax added.
- Protocol syntax updated.
- Protocol syntax removed.
- New content added due to protocol revision.
- Content updated due to protocol revision.
- Content removed due to protocol revision.
- New protocol syntax added due to protocol revision.

- Protocol syntax updated due to protocol revision.
- Protocol syntax removed due to protocol revision.
- New content added for template compliance.
- Content updated for template compliance.
- Content removed for template compliance.
- Obsolete document removed.

Editorial changes are always classified with the change type **Editorially updated**.

Some important terms used in the change type descriptions are defined as follows:

- **Protocol syntax** refers to data elements (such as packets, structures, enumerations, and methods) as well as interfaces.
- **Protocol revision** refers to changes made to a protocol that affect the bits that are sent over the wire.

The changes made to this document are listed in the following table. For more information, please contact [protocol@microsoft.com](mailto:protocol@microsoft.com).

Section	Tracking number (if applicable) and description	Major change (Y or N)	Change type
<a href="#">2.2.3.17 Updated within the entry or item element</a>	Removed redundant space.	N	Editorially updated.

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