

blogChannel RSS module

Tue, Sep 17, 2002; by Dave Winer.

A RSS module that adds elements at the <channel> level that are common to weblogs.

Change Notes

10/28/02; 9:05:50 AM by DW -- Added <blogChannel:changes> element, described below. Scripting News implements the new element.

9/18/02; 8:35:48 AM by DW -- It's been reviewed by several namespace gurus and passes. I removed the caveat. Feel free to deploy. I added support to the Scripting News RSS feed.

Description

Three elements are defined, all are sub-elements of <channel>.

blogRoll -- the URL of an OPML file containing the blogroll for the site.

mySubscriptions -- the URL of an OPML file containing the author's RSS subscriptions.

blink -- the URL of a weblog that the author of the weblog is promoting per Mark Pilgrim's description.

changes -- the URL of a changes.xml file. When the feed that contains this element updates, it pings a server that updates this file. The presence of this element says to aggregators that they only have to read the changes file to see if this feed has updated. If several feeds point to the same changes file, the aggregator has to do less polling, resulting in better use of server bandwidth, and the Internet as a whole; and resulting in faster scans. Everyone wins. For more technical information, see the howto on the XML-RPC site.

Namespace declaration

```
xmlns:blogChannel="http://backend.userland.com/blogChannelModule"
```



Example

Here's a RSS file that implements all the elements of the blogChannel module.

```
<?xml version="1.0" ?>
= <rss version="2.0"
  xmlns:blogChannel="http://backend.userland.com/blogChannelModule">
= <channel>
  <title>Scripting News</title>
  <link>http://www.scripting.com/</link>
  <description>A weblog about scripting and stuff like that.</description>
  <language>en-us</language>
  <blogChannel:blogRoll>http://radio.weblogs.com/0001015/userland/s
    criptingNewsLeftLinks.opml</blogChannel:blogRoll>
  <blogChannel:mySubscriptions>http://radio.weblogs.com/0001015/ge
    ms/mySubscriptions.opml</blogChannel:mySubscriptions>
  <blogChannel:blink>http://inessential.com/</blogChannel:blink>
  <blogChannel:changes>http://www.weblogs.com/rssUpdates/changes.
    xml</blogChannel:changes>
  <copyright>Copyright 1997-2002 Dave Winer</copyright>
  <lastBuildDate>Tue, 17 Sep 2002 20:40:06 GMT</lastBuildDate>
  <docs>http://backend.userland.com/rss</docs>
  <generator>Radio UserLand v8.0.5</generator>
  <category domain="Syndic8">1765</category>
  <managingEditor>dave@userland.com</managingEditor>
  <webMaster>dave@userland.com</webMaster>
  <ttl>60</ttl>
= <item>
  <description><a
    href="http://frontier.userland.com/stories/storyReader$10657"
    >JRobb</a>: "I am proud to announce the launch of Frontier
    9."</description>
  <pubDate>Tue, 17 Sep 2002 16:21:35 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2002/09/
    17#When:9:21:35AM</guid>
</item>
= <item>
  <description><a
    href="http://jrobb.userland.com/stories/2002/09/17/rogueEm
    ail.html">How to</a> ruin your life in one email.</description>
  <pubDate>Tue, 17 Sep 2002 17:41:35 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2002/09/
    17#When:10:41:35AM</guid>
</item>
= <item>
  <description><a
    href="http://blogs.salon.com/0001236/2002/09/17.html#a805
```

```

    ">Michel Vuijlsteke</a>: "And the hits started rolling
    in."</description>
    <pubDate>Tue, 17 Sep 2002 17:04:52 GMT</pubDate>
    <guid>http://scriptingnews.userland.com/backissues/2002/09/17
    #When:10:04:52AM</guid>
  </item>
= <item>
  <description><a
    href="http://inessential.com/2002/09/16.php">Brent
    Simmons</a>: "For RSS adoption to continue, stability is
    important. Developers should not spend their time scrambling to
    support new specs: they should spend their time building better
    apps." <i>Exactly. </i></description>
    <pubDate>Tue, 17 Sep 2002 11:55:37 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2002/09/
    17#When:4:55:37AM</guid>
  </item>
= <item>
  <description><a
    href="http://bitworking.org/Sep2002.html#X631678518613884
    736">Aggie</a> is the first aggregator to support <a
    href="http://backend.userland.com/rss">RSS
    2.0</a>.</description>
    <pubDate>Tue, 17 Sep 2002 14:01:03 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2002/09/
    17#When:7:01:03AM</guid>
  </item>
= <item>
  <description><a
    href="http://radio.weblogs.com/0100875/outlines/rcsAggregat
    orCache/">Mikel Maron</a>: "With this tool, the Radio
    Community Server can act as a RSS Cache for Radio Userland
    Aggregators."</description>
    <pubDate>Tue, 17 Sep 2002 15:12:50 GMT</pubDate>
    <guid>http://scriptingnews.userland.com/backissues/2002/09/17
    #When:8:12:50AM</guid>
  </item>
= <item>
  <description>With almost 2.5 million page reads in the last year,
    Scripting News would not qualify for the small-flow categories in
    the <a href="http://www.onlinejournalismawards.org/pr-
    2002finalists3.html">Online Journalism Awards</a>. Their
    cutoff is 200,000 visits per month. We did more than
    that.</description>
    <pubDate>Tue, 17 Sep 2002 16:50:19 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2002/09/
    17#When:9:50:19AM</guid>
  </item>

```

```

- <item>
  <description><a
    href="http://radio.weblogs.com/0001227/2002/09/17.html">Sean Gallagher</a>: "Detroit is a city that looks like you might expect a city to look after a neutron bomb went off in it; most of the buildings are still standing, but the people are gone."</description>
  <pubDate>Tue, 17 Sep 2002 14:09:14 GMT</pubDate>
  <guid>http://scriptingnews.userland.com/backissues/2002/09/17#When:7:09:14AM</guid>
</item>
- <item>
  <description>The NY Times <a
    href="http://www.nytimes.com/2002/09/17/technology/17AOL.html?ex=1032840000&en=9bebebadbb60c3a2&ei=5007&partner=USERLAND">reports</a> that there's a move to push Steve Case out as chairman of AOL-Time-Warner; and that Charles Simonyi, an early Microsoft employee, <a
    href="http://www.nytimes.com/2002/09/17/technology/17SOFT.html?ex=1032840000&en=32d4d1af8909b6e6&ei=5007&partner=USERLAND">has left to start</a> a new software company.</description>
  <pubDate>1/1/1904; 12:00:00 AM</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2002/09/17#When:12:00:00AM</guid>
</item>
- <item>
  <description>Discourse in the RSS community has <a
    href="http://scriptingnews.userland.com/stories/storyReader$1744#monsters">reached</a> new lows, but none of this means that RSS 2.0 will be delayed by even one moment.</description>
  <pubDate>Tue, 17 Sep 2002 12:18:32 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2002/09/17#When:5:18:32AM</guid>
</item>
</channel>
</rss>

```

Scripting Newsfeed

```
<?xml version="1.0" ?>
- <!--
RSS generated by Radio UserLand v8.0.5 on 9/6/2003; 6:00:05 PM Eastern
-->
= <rss version="2.0">
  = <channel>
    <title>Scripting News</title>
    <link>http://www.scripting.com/</link>
    <description>A weblog about scripting and stuff like that.</description>
    <language>en-us</language>
    <copyright>Copyright 1997-2003 Dave Winer</copyright>
    <lastBuildDate>Sat, 06 Sep 2003 22:00:05 GMT</lastBuildDate>
    <docs>http://backend.userland.com/rss</docs>
    <generator>Radio UserLand v8.0.5</generator>
    <category domain="Syndic8">1765</category>
    <category
      domain="http://www.weblogs.com/rssUpdates/changes.xml">rssU
      pdates</category>
    <managingEditor>dave@userland.com</managingEditor>
    <webMaster>dave@userland.com</webMaster>
  = <skipHours>
    - <!--
    hours are GMT
    -->
    <hour>8</hour>
    <hour>9</hour>
    <hour>10</hour>
    <hour>11</hour>
    <hour>12</hour>
    <hour>4</hour>
    <hour>5</hour>
    <hour>6</hour>
    <hour>7</hour>
  </skipHours>
  <ttl>15</ttl>
  = <item>
    <description><a
      href="http://blogs.law.harvard.edu/bloggerCon/2003/09/06#a
      274">How to post</a> a new story on the BloggerCon
      site.</description>
    <pubDate>Sat, 06 Sep 2003 20:35:32 GMT</pubDate>
    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:1:35:32PM</guid>
  </item>
  = <item>
```

```

<description><a
  href="http://radio.weblogs.com/0001015/images/2003/09/06
  /sftoboston.jpg">Roundtrip airfare</a>, SF to Boston, as low as
  $288 on Orbitz.</description>
<pubDate>Sat, 06 Sep 2003 20:42:14 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2003/09/
  06#When:1:42:14PM</guid>
</item>
= <item>
  <description>Brian Dear has been <a
    href="http://www.nettle.com/subj-netflix.html">blogging</a>
    his experiences with Netflix.</description>
  <pubDate>Sat, 06 Sep 2003 21:34:29 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:2:34:29PM</guid>
</item>
= <item>
  <description><a
    href="http://radio.weblogs.com/0001011/2003/09/06.html#a4
    524">Scoble</a>: "Of any company with more than 10,000
    employees I can only name one that has more than a handful of
    webloggers: Microsoft."</description>
  <pubDate>Sat, 06 Sep 2003 20:37:46 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:1:37:46PM</guid>
</item>
= <item>
  <description><a
    href="http://blogs.law.harvard.edu/bloggerCon/stories/storyRe
    ader$278">A.K.M. Adam</a> will lead a <a
    href="http://blogs.law.harvard.edu/bloggerCon/day2/spiritual"
    >discussion</a> on the spiritual context of weblogs, on <a
    href="http://blogs.law.harvard.edu/bloggerCon/day2/grid">Da
    y 2</a> at BloggerCon.</description>
  <pubDate>Sat, 06 Sep 2003 20:18:13 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:1:18:13PM</guid>
</item>
= <item>
  <description>Chicago Tribune <a
    href="http://www.ecommercetimes.com/perl/story/31509.html
    ">article</a> on blogging in the workplace.</description>
  <pubDate>Sat, 06 Sep 2003 19:34:10 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:12:34:10PM</guid>
</item>
= <item>

```

```

<description><a
  href="http://www.nytimes.com/2003/09/07/technology/07PO
  RN.html?ex=1378267200&en=f064b7c6c62977cc&ei=5007&part
  ner=USERLAND">NY Times</a>: "The recording industry,
  struggling to curb music piracy, is shining the spotlight on
  another demon lurking on the Internet:
  pornography."</description>
<pubDate>Sat, 06 Sep 2003 19:06:45 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2003/09/
  06#When:12:06:45PM</guid>
</item>
= <item>
  <description><a href="http://blogs.law.harvard.edu/jim/"></a>I went for coffee with Jim Moore at Starbucks
  <a
  href="http://home.flash.net/~ral1/starbucks/bigimages/DSCN4
  575.htm">in</a> Watertown, to talk about BloggerCon and
  other things. I asked what's most confusing to him about
  weblogs, and he said the infrastructure, things like Blogdex,
  Daypop, Technorati, search engines, etc. We talked some more,
  and I realized we should have a Day 2 session on this, so I just
  <a
  href="http://blogs.law.harvard.edu/bloggerCon/day2/infrastruc
  ture">spec'd it out</a>. The goal is to demystify the concepts
  that tie weblogs together into communities, and make it easier to
  edit the blogs, search them, find things that point to other things,
  etc. There's room for visionaries in this session. Where should we
  be going? Comments are <a
  href="http://blogs.law.harvard.edu/bloggerCon/2003/09/06#a
  268">welcome</a>.</description>
<pubDate>Sat, 06 Sep 2003 18:43:31 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2003/09/
  06#When:11:43:31AM</guid>
</item>
= <item>
  <description><a href="http://rss.com.com/2100-1016_3-
  5072391.html?part=rss&tag=feed&subj=news">News.Com</a>
  : "Microsoft announced late Friday that it will pay more than $23
  million to settle an antitrust suit filed by onetime operating
  system rival Be."</description>
<pubDate>Sat, 06 Sep 2003 18:30:19 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2003/09/
  06#When:11:30:19AM</guid>
</item>
= <item>

```

```

<description><a
  href="http://www.wired.com/news/digiwood/0,1412,60318,00.
  html">Wired</a>: "The music industry plans to offer what it
  calls a general amnesty to file traders who step forth and promise
  not to do it again, but experts say few will take the
  bait."</description>
<pubDate>Sat, 06 Sep 2003 15:50:17 GMT</pubDate>

  <guid>http://scriptingnews.userland.com/backissues/2003/09/
  06#When:8:50:17AM</guid>
</item>
= <item>
  <description>Last year on this day: <a
    href="http://scriptingnews.userland.com/backissues/2002/09/
    06#theRoadToRss20">The road to RSS 2.0</a>.</description>
  <pubDate>Sat, 06 Sep 2003 15:01:31 GMT</pubDate>


    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:8:01:31AM</guid>
</item>
= <item>
  <description><a
    href="http://blogs.law.harvard.edu/bloggerCon/day2/grid">Th
    e grid for Day 2</a> is shaping up. Lots of room. Day 2 is
    free.</description>
  <pubDate>Sat, 06 Sep 2003 16:18:19 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:9:18:19AM</guid>
</item>
= <item>
  <description>Susan Mernit's <a
    href="http://groups.yahoo.com/group/bloggercon/message/18
    8">Day 2 ideas</a>.</description>
  <pubDate>Sat, 06 Sep 2003 18:01:35 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:11:01:35AM</guid>
</item>
= <item>
  <description>Russell Beattie <a
    href="http://www.russellbeattie.com/notebook/1004146.html"
    >compares</a> three aggregators.</description>
  <pubDate>Sat, 06 Sep 2003 15:54:30 GMT</pubDate>

    <guid>http://scriptingnews.userland.com/backissues/2003/09/
    06#When:8:54:30AM</guid>
</item>
= <item>
  <description><a href="http://joi.ito.com/"><img
    src="http://radio.weblogs.com/0001015/images/2003/09/06/j
    oi.jpg" width="45" height="49" border="0" align="right"

```



 Two interesting items from the World Of Joi Ito. First, he's [hanging](http://joi.ito.com/archives/2003/09/06/ethan_zuckerman_africa_and_blogging.html) out somewhere in Europe with my fellow Berkmanite [Ethan Zuckerman](http://cyber.law.harvard.edu/home/ethan_zuckerman). They're telling the [GLTs](http://www.weforum.org/site/homepublic.nsf/Content/Global+Leaders+for+Tomorrow+(GLTs)) about weblogs. Second, Ben and Mena are having a [meetup](http://joi.ito.com/archives/2003/09/06/be_there_or_be_square_blogmob_in_madison_square_park.html) in Madison Square Park [in](http://www.sixapart.com/log/2003/09/gathering_at_madison_square_park.shtml) NYC next Sat. Maybe I'll fly down for the day. I use their [product](http://static3.userland.com/mtweblog/archives/2003_06.html), and like it very much. We're looking forward to entertaining Joi when he visits Boston next week. He's coming to the BloggerCon local host committee meeting on the 9th. That extends the concept of "local" a bit, because Joi isn't from Cambridge, or even Arlington or Waltham. He's from Tokyo, but he's very local in the world of weblogs. Joi is coming to [BloggerCon](http://blogs.law.harvard.edu/bloggerCon/) in early October and [Halley](http://halleyscomment.blogspot.com/) is our newest presenter. I signed her up yesterday. We still have to write up the talk, it's going to be a dandy. I hear she's going to [wear](http://www.harem.org/~rillaith/photos/katevet.jpg) surgical gloves. ";->"

</description>
<pubDate>Sat, 06 Sep 2003 14:27:25 GMT</pubDate>
<guid>http://scriptingnews.userland.com/backissues/2003/09/06#When:7:27:25AM</guid>
</item>
</channel>
</rss>

How To

Weblogs.Com for RSS

Mon, Oct 28, 2002; by Dave Winer.

Updated 10/30/02 DW

Weblogs.Com is a service that tells you, both in HTML and XML, which weblogs have changed in the last three hours. Now, for the first time, that service has been extended to RSS news feeds. You can easily find out which *feeds* have changed in the last three hours. This could be the key to improving the efficiency of news aggregators, as the market grows.

Read the rest of this howto for details on how to participate.

How and when to ping

Suppose you have an RSS feed and want to inform interested parties that it has updated. Here's how to do it.

Call an XML-RPC procedure named `rssUpdate` on `rssrpc.weblogs.com`, port 80, path `/RPC2`. It's also available over SOAP, but for now we're only documenting the XML-RPC interface.

`rssUpdate` takes two parameters, both strings. The first is the name of the RSS feed that has changed and the second is the URL of the feed. It returns a struct indicating success or failure. The struct contains two elements, 1. `flerror`, a boolean that indicates if there was an error; and 2. `message`, a string, which explains what happened. It may be non-empty even if `flerror` is false.

The feed must be a valid RSS 0.9x, 1.0 or 2.0 file; or `scriptingNews` format.

changes.xml for RSS

The end-result is a `changes.xml` file, exactly like the one for `weblogs.com`, except, instead of being for `weblogs`, it keeps track of changes in RSS feeds.

<http://www.weblogs.com/rssUpdates/changes.xml>

To get things started, I've seeded it with changes to the RSS feeds I subscribe to. This weekend we released an update for Radio that automatically pings this way when Radio-generated RSS files change. And at the same time, we're spreading the word to developers of other tools that this service is available and encourage them to support it.

Example

Here's a one-line script that runs in Radio that notifies weblogs.com that InfoWorld's RSS feed has updated.

```
["xmlrpc://rssrpc.weblogs.com/RPC2"].rssUpdate ("InfoWorld",  
"http://www.infoworld.com/rss/news.rdf")
```

If you produce a content tool

There are two things to do:

1. When you update an RSS feed, ping Weblogs.Com, as described above.
2. Include a channel-level `<category>` element in the RSS feed, whose value is `rssChanges` and domain is the URL of the `changes.xml` file that's carrying your changes. At first we expect everyone will use Weblogs.Com, as explained above, and the domain will point to our `changes.xml`, but over time that should broaden, there should be a number of `changes.xml`'s, maybe a large number. You may want to manage your own. That's why we allow for this to be specified by the RSS file itself.

This element tells us one very important thing about your feed -- where to look for changes. The economy comes in when a subscriber has two or more subscribed-to feeds that map to the same `changes.xml` file. Then one read does the work of two. If three feeds map to the same `changes.xml` file, then the improvement is three-fold. Doing a little (optional) concentration and centralization results in better use of bandwidth and faster performance for users. Everyone wins.

If you produce an aggregator or news reader

There's one thing to do:

1. Support `<blogChannel:changes>`.

The algorithm is simple. When you read a feed, if it contains a `<blogChannel:changes>` element, note that. The next time you scan, read the `changes.xml` file first, and if the feed's url is contained in the `changes.xml` file, read the file and process the new items. If it doesn't appear, you don't need to read it, you know it hasn't changed.

Note that `changes.xml` contains *three hours* of changes. The `when` attribute for each weblog item is the number of seconds since it's updated. The base time is the "updated" attribute on the top-level `weblogUpdates` element. `Changes.xml` is not guaranteed to contain three hours for all time, it may have just one hour at some point, if we need to adjust for bandwidth consumption. This is a free

service provided by UserLand to the RSS community, including our competitors. We want to see the whole market do well.

If you use a content tool or aggregator

Let your favorite developers know that you want the increased efficiency of this new method of aggregating RSS content!

Changes 10/30/02 by DW

1. The server changed to rssrpc.weblogs.com. It's quite a bit faster and carries a lighter load than the first server we used.
2. Instead of using the element of the blogChannel module, we are recommending use of a <category> element at the <channel> level to link the feed to the changes.xml file that broadcasts its updates. There are aggregators that don't work well with namespaces. If we are to deploy this feature in Radio, and perhaps in other content tools, we can't use a namespace here. Perhaps in the future. (I've suggested to Sam Ruby and Ben Hammersley that a serious test suite for aggregators and an informal certification process would be a good thing to start now so we can use namespaces with confidence in the future.) For an example of the <category> element, check out the Scripting News RSS feed.
3. For Frontier and Radio developers, a new glue script, weblogUpdates.publicRssPing encapsulates the details of pinging a RSS feed. Update to get this part.



<http://www.weblogs.com/rssUpdates/changes.xml>

```
<?xml version="1.0" ?>
```

```
- <!--
```

```
XML generated by UserLand Frontier v9.1b3 on 9/6/2003; 4:01:01 PM
```

```
-->
```

```
= <weblogUpdates version="1" updated="Sat, 06 Sep 2003 23:01:01 GMT"
  count="173659">
  <weblog name="The Hoita Kokoro Centre - There is a way of going
    through life without kicking, screaming and sweating."
    url="http://www.kokorocentre.com/node/feed" when="46" />
  <weblog name="Kern County Democratic Party"
    url="http://www.kerndemocrats.com/xml/rss.xml" when="50"
    />
  <weblog name="JabberES - Una infraestructura de
    mensajer&#195;&#173;a instant&#195;&#161;nea para la
    comunidad hispanohablante"
    url="http://www.jabberes.org/drupal/?q=node/feed"
    when="124" />
  <weblog name="Don Park: Business"
    url="http://www.docuverse.com/blog/donpark/categories/b
    usiness/rss.xml" when="135" />
  <weblog name="Don Park's Daily Habit"
    url="http://www.docuverse.com/blog/donpark/rss.xml"
    when="136" />
  <weblog name="Joe Christian's God-log"
    url="http://radio.weblogs.com/0128891/rss.xml" when="160"
    />
  <weblog name="The Universal Church Of Cosmic Uncertainty"
    url="http://radio.weblogs.com/0108194/rss.xml" when="271"
    />
  <weblog name="Matt Croydon::postneo"
    url="http://postneo.com/rss.xml" when="324" />
  <weblog name="Charlie Quinn: the current roll"
    url="http://www.quinnranch.com/log/categories/theCurrent
    Roll/rss.xml" when="357" />
  <weblog name="the quinnranch log"
    url="http://www.quinnranch.com/log/rss.xml" when="363" />
  <weblog name="Ken Pollock: Technology & Stuff"
    url="http://radio.weblogs.com/0120662/categories/myInter
    ests/rss.xml" when="442" />
  <weblog name="Joe Christian: One-liners Only, by Joe"
    url="http://radio.weblogs.com/0128891/categories/oneLiner
    sOnlyByJoe/rss.xml" when="443" />
  <weblog name="Emulating Blogger in Manila"
    url="http://bloggerApiTest.manilasites.com/xml/rss.xml"
    when="456" />
  <weblog name="FS Consulting Inc's Weblog"
    url="http://www.have-at-it.net/rss.xml" when="926" />
```

```

<weblog name="Blog-IT-o ergo sum"
  url="http://radio.weblogs.com/0112894/rss.xml"
  when="1094" />
<weblog name="john robert boynton: Political/Political Humor"
  url="http://radio.weblogs.com/0102813/categories/political
  PoliticalHumor/rss.xml" when="1094" />
<weblog name="Edward Mitchell: Common Sense Technology"
  url="http://www.mitchellconsulting.net/commonsense/rss.x
  ml" when="1116" />
<weblog name="A Mutual Misunderstanding"
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