

Apache Roller and blogs as a web development platform

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Session Goals: to learn...

How blogs, wikis, feeds and planets enable the self-service web

Techniques for automating and integrating blogs, wikis, feeds and planets

How Roller and be extended and customized via templates, plugins and scripting



Agenda

- **Overview**
- Blog, wiki and feed Web services
- Blog customization via templates
- Blog server customization via plugins
- Example: Scripting languages in Roller
- Planet server aggregation
- Use case: Software business blogs



The self-service web

- `chmod 777 web`
- Let everybody write the web
- Get IT and web-masters out of the way
- Give the tools to the users
 - Blogs, wikis, planets and feeds



The self-service web

- Blogs, wiki and feed technologies
- Make it easy for your users to:
 - Read, write and monitor the web
 - To build interesting sites & seed communities
 - Create useful information feeds
- With scripts, templates
- Or no code at all



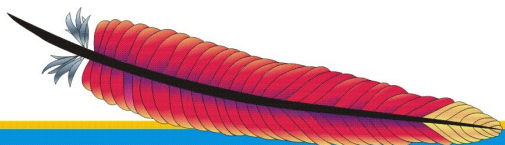
With no code at all?

- Easy web publishing and feed generation
 - Easy interface for writers
 - Feeds for entries and comments
 - Filtered feeds by category, tags and search
 - Aggregated feeds
 - Podcast / media feeds

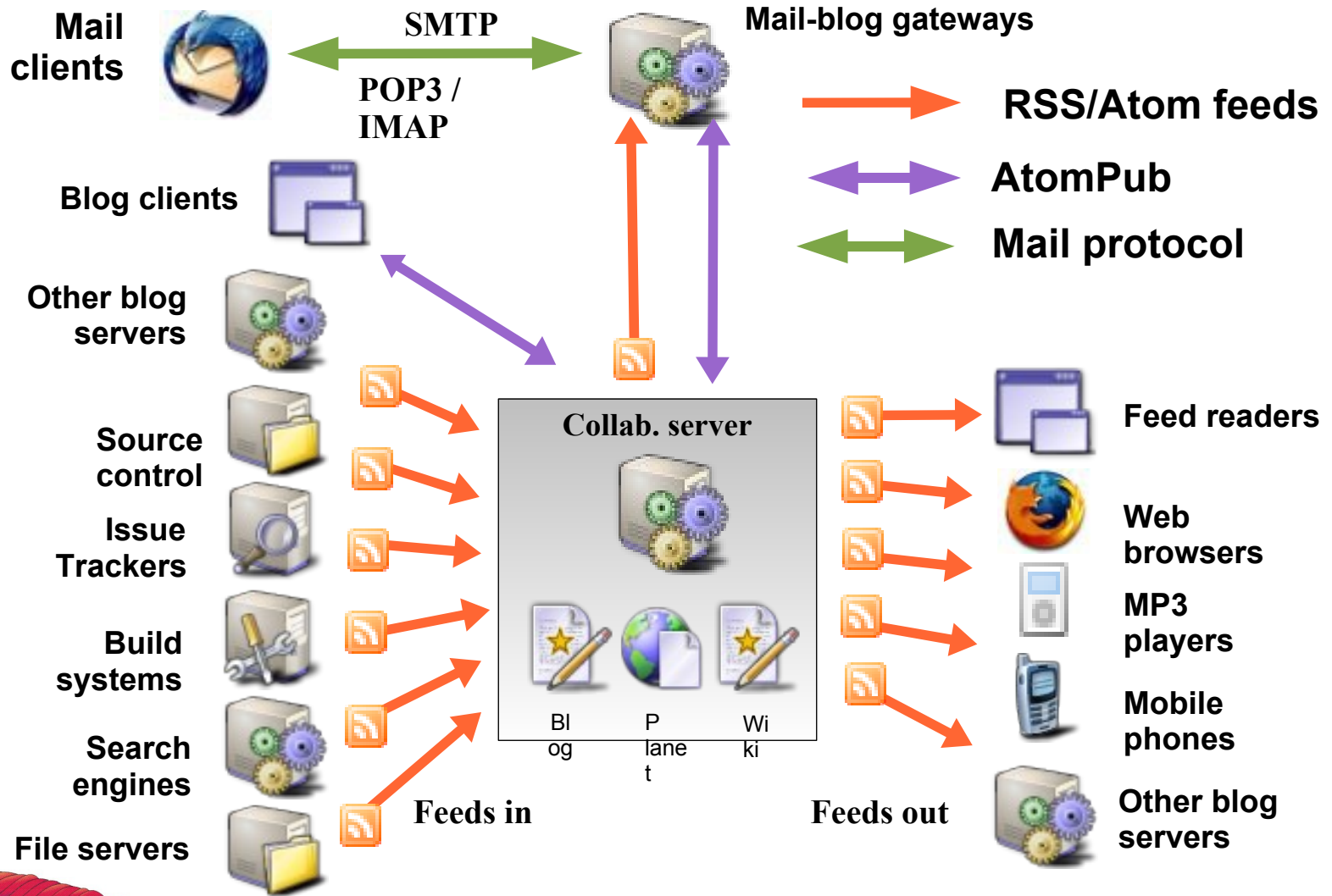


Or with just a little code...

- With a little know-how
 - Custom blog pages and feeds
 - Feed aggregations
- With a little help from the IT department
 - Custom publishing clients
 - Weblog entry plugins
 - Weblog rendering plugins

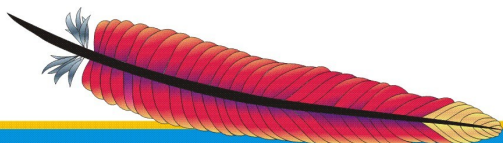


Feed-based integration



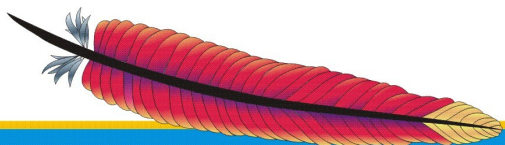
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Blog, wiki & feed web services

- Blogger API / MetaWeblog API
- Atom Publishing Protocol
- Roller Admin Protocol
- Wiki web services



Meta Weblog API

- Extends super-simple Blogger API
- Adds RSS-based metadata
- Supports
 - Multiple Blogs per User
 - Posting, editing and deleting Blog Posts
 - Get X recent Blog Posts, but no paging
 - Uploading binary files



MetaWeblog API: methods

getUserBlogs

Get blogs as array of structures

newPost

Create new blog post by passing in structure

getPost

Get blog post by id

getRecentPosts

Get most recent N blog posts

editPost

Update existing blog post

deletePost

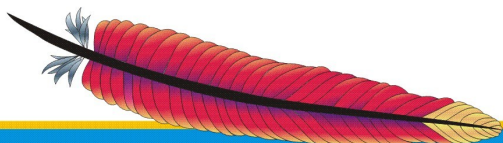
Delete blog post specified by id

newMediaObject

Upload file to blog (e.g. picture of my cat)

getCategories

Get categories allowed in blog



Blog with Apache XML-RPC

```

XmlRpcClientConfigImpl xmlrpcConfig =
    new XmlRpcClientConfigImpl();

xmlrpcConfig.setServerURL(new URL(target));
XmlRpcClient client = new XmlRpcClient();
client.setConfig(xmlrpcConfig);

String result = (String)client.execute(
    "metaWeblog.newPost",
    new Object[] {blogid, username, password,
                  post, Boolean.TRUE});

```



<http://ws.apache.org>

Apache <Web Services /> Project

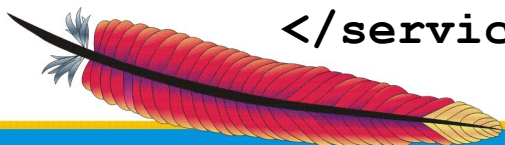
Atom Publishing Protocol

- Everything MetaWeblog API does
 - Atom does better
- REST based publishing protocol
- Create, edit, update & retrieve collections
 - Blog entries, podcasts, uploads, etc.
 - GData: photos, calendar events, etc.
 - OpenSocial: people, activities, persistence
- Toolkits: ROME Propono & Abdera



AtomPub: Service Doc

```
<service xmlns="http://www.w3.org/2007/app">  
  
  <workspace title="My Weblog" >  
    <collection title="Weblog Entries"  
      href="http://hostname/app/myweblog/entries">  
      <accept>entry</accept>  
    </collection>  
  
    <collection title="Uploaded Files"  
      href="http://hostname/app/myweblog/resources">  
      <accept>image/*</accept>  
    </collection>  
  </workspace>  
  
</service>
```



AtomPub collection <feed>

```

<feed xmlns="http://www.w3.org/2005/Atom">

  <link rel="next"
        href="http://hostname/app/myweblog/entries/60"/>

  <link rel="previous"
        href="http://hostname/app/myweblog/entries/30"/>

  ...
  <entry> ... </entry>
  <entry> ... </entry>
  <entry> ... </entry>
  <entry> ... </entry>

  ...
</feed>

```

URIs for
next and previous
portions of collection



<entry> in a collection

```

<entry>
  <title>Unit test results</title>
  <link rel="alternate"
    href="http://localhost/roller/page/bill?entry=post1" />
  <link rel="edit"
    href="http://localhost/roller/app/bill/entry/757" />
  <category term="/UnitTests" />
  <id>http://host/roller/status/entry/report1</id>
  <updated>2005-12-27T22:08:03Z</updated>
  <published>2004-10-13T01:07:59Z</published>
  <content type="html">Content goes here...</content>
  <app:control>
    <app:draft>no</app:draft>
  </app:control>
</entry>

```

Entry's permalink

Edit URI for entry

Draft status



Blog with ROME Propono

```
ClientAtomService service =
    AtomClientFactory.getAtomService(
        endpoint, uname, pword);

ClientWorkspace workspace =
    (ClientWorkspace) service.findWorkspace("My Weblog");

ClientCollection collection =
    (ClientCollection) ws.findCollection(null, "entry");

ClientEntry entry = collection.createEntry();
entry.setTitle("Hey people");
entry.setContent(
    Content.HTML, "I'm <b>blogging</b> this!");
collection.addEntry(entry);
```



Posting a blog with Abdera

```
Abdera abdera = new Abdera();
Factory factory = abdera.getFactory();

Client client = new CommonsClient(abdera);
client.addCredentials(endpoint, null, null,
    new UsernamePasswordCredentials(username, password));

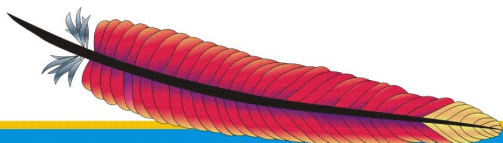
Document service_doc = client.get(start).getDocument();
Service service = service_doc.getRoot();
Collection collection = service.getWorkspaces().get(0)
    .getCollections().get(0);
String uri = collection.getHref().toString();

Entry entry = factory.newEntry();
entry.setTitle("Hey people");
entry.setContentAsHtml("I'm <b>blogging</b> this!");
Response response = client.post(uri, entry);
```



Roller Admin Protocol (RAP)

- REST based protocol for Roller
 - Add, edit and delete Users
 - Add, edit and delete Weblogs
 - Add, edit and delete Members
- Some similarities to AtomPub protocol
 - We should make it AtomPub compliant!



RAP: Service Doc

```
<service xmlns="http://purl.org/roller/rap#">
  <workspace title="Collections for administration">
    <collection title="Weblog administration entries"
      href="http://suntoy:8080/roller/rap/weblogs">
      <member-type>weblog</member-type>
    </collection>
    <collection title="User administration entries"
      href="http://suntoy:8080/roller/rap/users">
      <member-type>user</member-type>
    </collection>
    <collection title="Member administration entries"
      href="http://suntoy:8080/roller/rap/members">
      <member-type>member</member-type>
    </collection>
  </workspace>
</service>
```



RAP: User Set

```
<users xmlns="http://purl.org/roller/rap#"
  href="http://example.org/roller/rap/users">

  <user href="http://example.org/roller/rap/users/mort">
    <name>mort</name>
    <full-name>Mortimer Snerd</full-name>
    <password>edgar</password>
    <locale>en</locale>
    <timezone>US/Pacific</timezone>
    <email-address>mort.snerd@example.org</email-address>
    <date-created>1141863448000</date-created>
  </user>

</users>
```



WikiRPCInterface

- Supported by:
 - JSPWikim, MoinMoin, Twiki, PHPWiki
- Limitations:
 - No paging, read-only*
 - Not supported by Confluence**
- Future
 - WikiRPCInterface2 vs. AtomPub for wikis

* Some versions allow write access.

** Confluence has its own XML-RPC and SOAP based APIs.



WikiRPCInterface: methods

getRecentChanges

Get recent changes as array

getPage

Get the raw Wiki text of page, latest version

getPageVersion

Get the raw Wiki text of page, by version

getPageHTML

Return page in rendered HTML, latest version

getPageHTMLVersion

Return page in rendered HTML, by version

getPageInfo

Get page info as struct, latest version

getPageInfoVersion

Get page info as struct, by version

getAllPages

Returns a list of all pages



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Roller Weblog Templates

- Each weblog's layout and styles defined by a small set of templates.
- Template language: Apache Velocity
 - Other languages possible via plugins
- Data available to templates via *Models*



Why customize templates?

- Add new pages and feeds to your blog
 - HTML, XHTML pages
 - JSON pages for Ajax effects
 - Custom RSS and Atom feeds
- Using data from
 - Roller's models and POJOs
 - Feed data from built-in Planet
 - Custom model objects



Roller page model objects

PageModel

locale
tags
weblog
weblogCategory
weblogEntriesPager
weblogEntry
isPermalink
...

UtilitiesModel

decode()
encode()
escapeHTML()
escapeJavaScript()
escapeHTML()
formatDate()
formatISO8601Date()
...

URLModel

home()
feed()
login()
logout()
page()
resource()
search()
...

MenuModel

PreviewModel

MessageModel

SearchResultsFeedModel

CalendarModel

Pager

homeLink
homeName
nextLink
nextName
prevLink
prevName
items

ConfigModel

SearchResultsModel

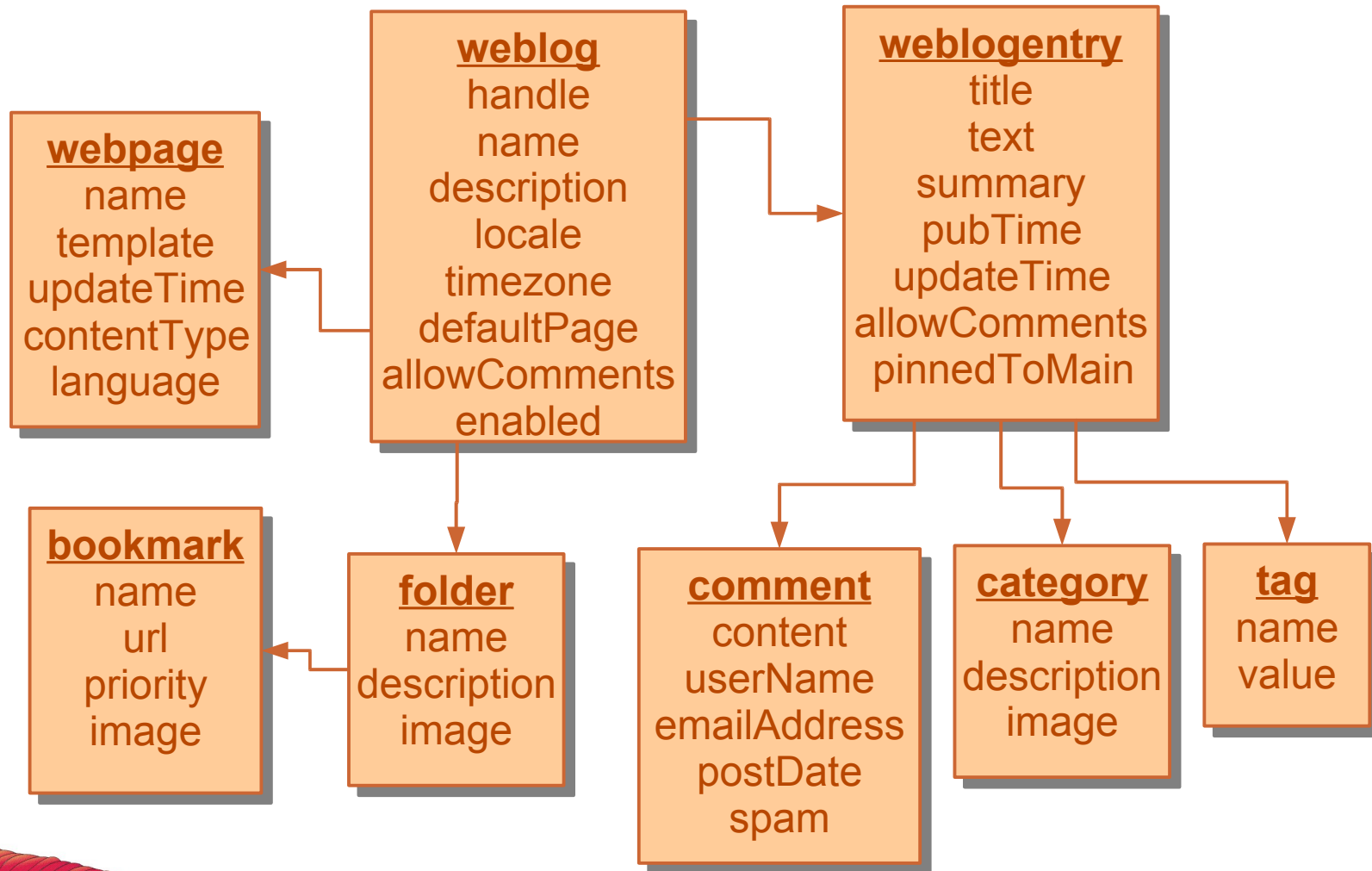
PlanetModel

FeedModel

SiteModel



Roller object model



Roller Template Editor

logged in as admin - editing weblog adminblog Skyjuice | Main Menu | Logout

Edit Template

Create & Edit **Preferences**

Settings | Theme | **Templates** | Members | Pings | Custom Ping Targets | Maintenance

Edit template gsp2 in weblog adminblog

You can edit this template to change what it generates. Refer the the Roller Template Guide for information about the objects and code you are allowed to use in a template. This is for advanced users only, if you're not comfortable with HTML, you might want to leave your templates alone.

Name:

Link:
<http://localhost:8080/roller/adminblog/page/gsp2> [launch]

Description:

```
<html>
<head>
  <title>${ model.weblog.name} </title>
</head>
<body>
  <h1>${ model.weblog.name} </h1>
  <i>${ model.weblog.description} </i>
  <% map = model.getWeblogEntriesPager().getEntries();
  map.keySet().each() { %>
    <% map.get(it).each() { %>
      <h2>${ it.title} </h2>
    }
  }
  </%>
```

Advanced Settings

Content-Type Automatically set content type
 Use manually specified content-type

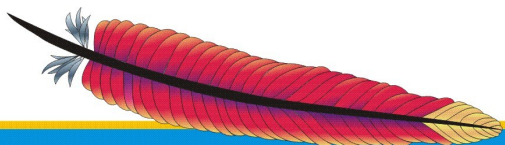
Include in page menu Include in menu produced by showPageMenu() macro

Hidden Hidden pages cannot be accessed via a weblog URL

Template Language

Output blog entries as JSON

```
#set($pager = $model.getWeblogEntriesPager()) {  
#if($pager.nextLink) nextLink:"$pager.nextLink", #end  
#if($pager.prevLink) prevLink:"$pager.prevLink", #end  
  
data: [  
#foreach($day in $pager.getEntries().keySet())  
    #set($entries = $pager.getEntries().get($day))  
    #foreach($entry in $entries)  
        #if($comma),#else#set($comma = true)#end  
        {id: "$entry.website.handle:$entry.anchor",  
         pubTime: "$entry.pubTime", title:"$entry.title"}  
    #end  
#end ]  
}
```



Blog entries as JSON w/paging

```
{ nextLink: "/roller/page/dojoentries?page=1",
  data: [
    { id: "roller:latest_links14",
      pubTime: "2007-03-21 22:42:13.0",
      title: "Latest links: March 21, 2007" }
    { id: "roller:jruby_on_roller",
      pubTime: "2007-03-20 21:46:23.0",
      title: "JRuby on Roller" }
    { id: "roller:congrats1",
      pubTime: "2007-03-20 13:02:07.0",
      title: "Congrats" }
    { id: "roller:roller_on_sjs_web_server",
      pubTime: "2007-03-20 13:02:02.0",
      title: "Roller on SJS Web Server 7.0" }
    ...
  ] }
```



Blog to JSON to DOJO table

Blogging Roller

rollerweblogger.org Weblog About Archives Links New Entry Settings Logout

Roller-Dojo demo

This page shows how Roller page templates can be used to host and generate JSON data for Dojo widgets.

Recent blog entries

Shown in the DOJO FilteredTable widget.

pubTime	title
2007-03-21 22:42:13.0	Latest links: March 21, 2007
2007-03-20 21:46:23.0	JRuby on Roller
2007-03-20 13:02:07.0	Congrats
2007-03-20 13:02:02.0	Roller on SJS Web Server 7.0
2007-03-16 16:15:06.0	Latest links: SWDP edition
2007-03-15 12:06:36.0	Newsgator launches Java ME powered feed reader
2007-03-14 23:20:49.0	Meme blowback
2007-03-14 08:21:57.0	Raleigh bloggers - tonight
2007-03-12 21:20:29.0	Sun Web Developer Pack R1 with RSS and Atom goodies
2007-03-11 23:45:03.0	Pluggable renderers and scripting languages in Roller
2007-03-10 20:15:16.0	Bone head
2007-03-09 15:10:27.0	RTP 2.0 Open Social
2007-03-09 15:09:21.0	Burning smells
2007-03-08 14:33:59.0	JPA JPA JPA
2007-03-05 08:08:24.0	Hudson: an amazingly easy-to-use build server
2007-03-02 21:28:09.0	JavaOne here I come!
2007-02-28 10:21:33.0	Netbeans 6.0 pre-beta first impressions
2007-02-27 23:59:30.0	Photophys.com updates
2007-02-27 21:59:20.0	Raleigh Bloggers meetup Wednesday (change of time & venue)
2007-02-27 00:08:16.0	Latest links

Prev Next

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Nine type of Roller plugins

- **Page Model Plugin** - add your own models for use in templates
- Weblog Editor UI Plugin
- **Weblog Entry Plugin** - Transform entry content at display time
- Comment Authentication Plugin
- **Comment Validation Plugin** - Add comment validation rules
- **Renderer Plugin** - Plugin your own template language
- Request Mapper Plugin
- Cache System Plugin
- Repeatable Task



But there is no plugin API?

- Roller is really an app, not an API
- Plugins should use these APIs:
 - Roller Manager Interfaces
 - Roller POJOs
 - Roller Configuration
 - Roller Utilities
 - Roller Request objects
- We need to add a stable/formal Plugin API!

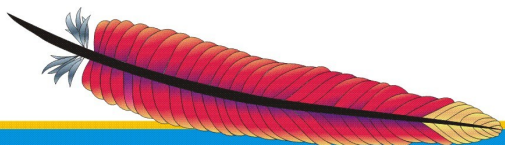


Roller Weblog Entry Plugins

- Transform entries at display time
- Implement this interface

```
public interface WeblogEntryPlugin {  
    public String getName();  
    public String getDescription();  
    public void init(Weblog weblog);  
    public String render(WeblogEntry e, String s);  
}
```

- Add class to config property:
`plugins.page=`



Weblog Entry Plugin examples

- JSPWiki plugin
- Emoticon plugin
- Technorati Tag plugin
- Wikipedia plugin
- Google plugin
- Textile plugin



Roller Page Model Plugins

- Plugin new models for use in templates
- Implement model interface

```
public interface Model {  
    public String getModelName();  
    public void init(Map args); // called each request  
}
```

- Add to appropriate configuration properties

```
rendering.pageModels=      // for weblog templates add  
rendering.searchModels=   // your plugin to these three  
rendering.previewModels=  // lists of model classes  
rendering.feedModels=     // for built-in feeds
```



Comment Validation Plugins

- Plugin your own comment validation
- Implement this interface:

```
public interface CommentValidator {  
    public String getName();  
    public int validate(Comment c, RollerMessages m);  
}
```

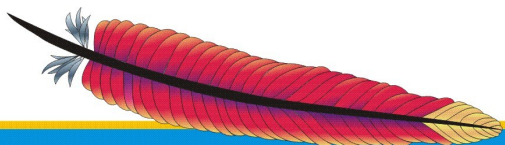
- Return 0 if spam and 100 if not
- Add your class to the list of validators

```
comment.validator.classnames=
```



Existing Comment Validators

- `ExcessSizeCommentValidator`
- `ExcessLinksCommentValidator`
- `AkismetCommentValidator`
- `BlacklistCommentValidator`



Roller Renderer Plugins

- Allows you to plugin your own view
- Implement this factory interface:

```
public interface RendererFactory {  
    public Renderer getRenderer(Template template);  
}
```
- Return null if you don't want to render
- And this render interface:

```
public interface Renderer {  
    public void render(Map model, Writer writer)  
        throws RenderingException;  
}
```



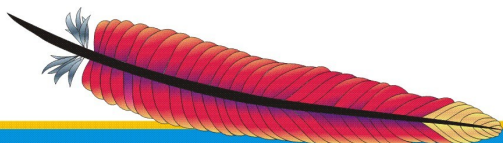
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Scripting in languages in Roller

- Author pages using scripting language
 - Via BSF: JRuby, Javascript, Jython, etc.
 - Via Groovy Server Pages (GSP)
- Script Roller via the “Roller API”
 - Migrate blog data
 - Provision blogs and users



Example JRuby page template

```
$out.println "<html><head>"
$out.println "<title>#{ $model.weblog.name}</title>"
$out.println "</head><body>"
$out.println "<h1>#{ $model.weblog.name}</h1>"
$model.weblogEntriesPager.entries.keySet().each {
  |day|
  $model.weblogEntriesPager.entries.get(day).each {
    |entry|
    $out.println "<h3>#{entry.title}</h3>"
    $out.println "<p>#{entry.text}</p>"
  }
}
$out.println "</body></html>"
```



Example GSP page template

```

<html>
  <head>
    <title>${model.weblog.name}</title>
  </head>
  <body>
    <h1>${model.weblog.name}</h1>
    <i>${model.weblog.description}</i>
    <% map = model.getWeblogEntriesPager().getEntries();
      map.keySet().each() { %>
        <% map.get(it).each() { %>
          <h2>${it.title}</h2>
          <p>${it.text}</p><br />
        <% }
      }%>
  </body>
</html>

```



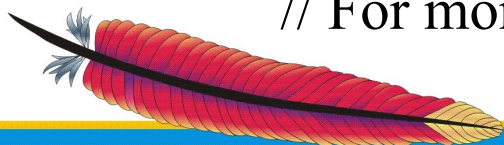
Groovy ex.: provisioning a blog

```
umgr = roller.getUserManager()
user = mgr.getUserByUsername(uname);

weblog = new org.apache.roller.weblogger.pojo.Weblog(
    handle, user, blogname, description,
    user.getEmailAddress(), user.getEmailAddress(),
    theme, user.getLocale(), user.getTimeZone());
try {
    umgr.addWebsite(weblog);
    roller.flush();
} catch (Exception e) {
    e.printStackTrace();
}

blog = umgr.getWebsiteByHandle(handle);
println "Created blog ${blog.name} with id ${blog.id}";

// For more examples: http://tinyurl.com/2l2no4
```



Planet server aggregation

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The Planets

PLANET APACHE

March 26, 2007



GNOME™ [About GNOME](#) · [Download](#) · [Users](#) · [Art & Themes](#) · [Developers](#) · [Foundation](#) · [Contact](#)



Dan Diephouse — RESTful

Stefan Tilkov has been doing a [reliable](#).

All the solutions for a reliable F

1. *POST* to the *htt*,
it return 201 C:
header.
2. *PUT* the *intende*

While it has beauty in consisten
addition of a resource reliably.

On the other hand we have WS
even if it does take a message b
WS-RM is XML only. One of th
opinion is that works with any
and REST camps merging toget

Andrew Savory — Wine

Those of my friends, family, an
well to follow this link to Stom

planet mozilla

March 26, 2007

Mike Pinkerton

[Must be in my other pants...](#)

Have you ever stood at the register, frantically searching your wallet for your Safeway card, only to realize that you're...

[March 26, 2007 12:30 AM](#)

March 25, 2007

Robert Kaiser

[Pingback and TrackBack: ease of implementation \(or not\)](#)

Finally I managed to implement [pingback](#) in addition to [TrackBack](#), and it was interesting to implement both, to compare them from a developer's perspective - as both are technologies that enable other blogs to link back blog entries that link them and this way create a permanent connection between two blogs.

One target of pingback is said to be that it should be "implementable with minimal effort", I also read in a few places that it should not attract spam as easily as TrackBack. The latter has been achieved quite nicely, as the pingback client needs to tell the server the source URL containing the original link as well as its target, and the server needs to verify this link to this target actually exists in the source. TrackBack on the other hand just sends the the URL to link back to and needs no verifications, so strictly according to the spec a

Feeds: [RSS 2.0](#), [RSS 1.0](#)
Subscription list: [FOAF](#), [OPML](#)

Last update: March 26, 2007 03:06 AM
All times are UTC.

[Gecko Tree Schedule](#)

Note: These dates are scheduling estimates, and as in most software projects are subject to change. The current milestone is firm, the rest are preliminary and should be used for general guidance only.

Gecko 1.9 alpha 3 Freeze
now
Gecko 1.9 alpha 3
now

Subscriptions

- [Adam Sacarny \(feed\)](#)
- [Alan Starr \(feed\)](#)
- [Alex Faaborg \(feed\)](#)
- [Alex Fritze \(feed\)](#)
- [Alex Polvi \(feed\)](#)
- [Alex Vincent \(feed\)](#)
- [Ali Ebrahim \(feed\)](#)
- [AllPeers \(feed\)](#)
- [Allan Beaufour \(feed\)](#)
- [Andy Edmonds \(feed\)](#)
- [Axel Hecht \(feed\)](#)
- [Bart Decrem \(feed\)](#)
- [Ben Goodger \(feed\)](#)
- [Benjamin Smedberg \(feed\)](#)
- [Blake Ross \(feed\)](#)

Planet GNOME

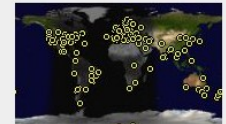
Planet GNOME is a window into the world, work and lives of GNOME [hackers and contributors](#).

Updated on March 26, 2007 03:28 AM UTC. Entries are normalised to UTC time.

Search

Customised search for Planet GNOME contributor blogs.

GNOME World Wide



GNOME communities around the world by region and language:

What's a Planet?

- A “community aggregator”
- Portal-like web application which displays weblog posts from a group of closely related but separately hosted weblogs
- Provides aggregated feeds so that readers may subscribe to the group as a whole
- Most popular?
 - Planet (Python)
 - See also: Sam Ruby's Venus fork of Planet



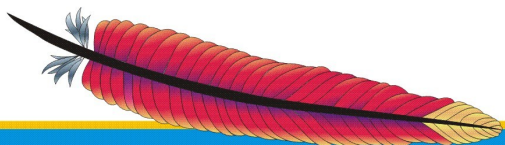
Roller Weblogger & Planet

- Roller Weblogger has built-in aggregation
 - A planet in a blog Server
 - Used on blogs.sun.com
- Roller Planet: standalone planet server
 - Powers planets.sun.com
 - Multiple Planets per user, and users per Planet
 - Each Planet defines Aggregation Groups
 - Based on Roller architecture



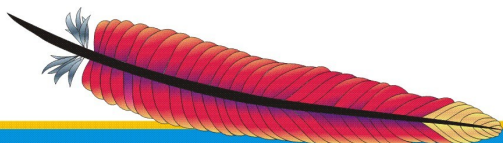
Agenda

- Overview
- Blog, wiki and feed Web services
- Blog customization via templates
- Blog server customization via plugins
- Example: Scripting languages in Roller
- Planet server aggregation
- **Use case: Software business blogs**

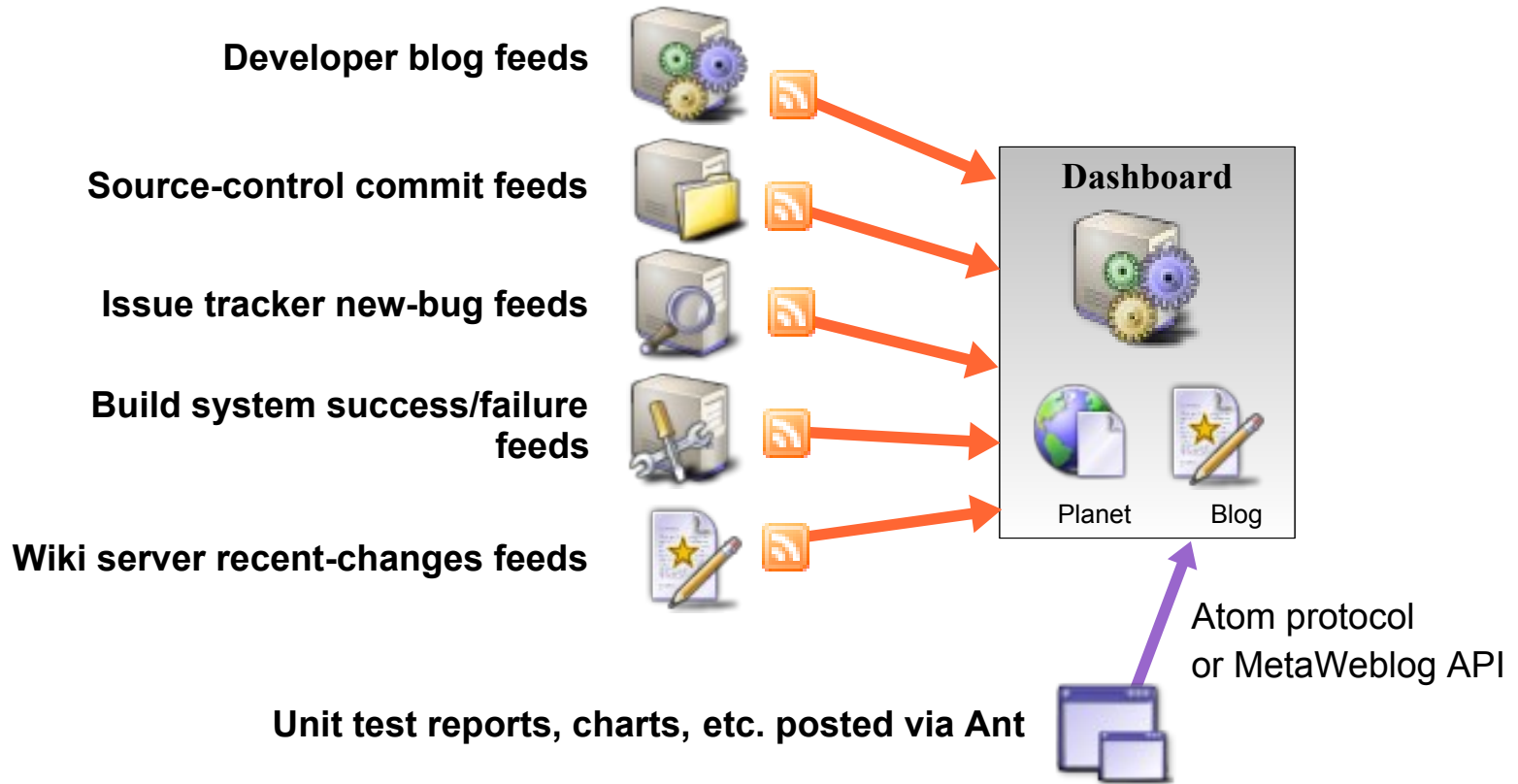


Blogs in the development dept.

- Development dashboard
- Inputs
 - Feeds from developer systems
 - Test results published by Ant
- Outputs
 - Planet site for developer blogs
 - Variety of aggregated & filtered feeds



Development Dashboard



Roller project's dev-dashboard

Roller
 About | Wiki

News
About
Planet
Dashboard

Quick Links

- [Bug Tracker](#)
- [Downloads](#)
- [Install Guide](#)
- [Mailing Lists](#)
- [Roller FAQ](#)
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- [Source Code](#)
- [User Guide](#)

Developers

- [Allen](#)
- [Anil](#)
- [Dave](#)
- [Henri](#)
- [Lance](#)
- [Matt](#)

Recent wiki changes

Wiki changes feed:

Proposal Easier Weblog Design Customization (updated) Allen Gilliland
Page updated by Allen Gilliland to ...

TomcatJDBCEmptyNull (created) Anil Gangolli
Page created by Anil Gangolli on...

InstallationFAQs (updated) Anil Gangolli
Page updated by Anil Gangolli to ...

SetupUTF8onMySQL (updated) Anil Gangolli
Page updated by Anil Gangolli to ...

Proposal Individual Templates by Action (updated) Allen Gilliland
Page updated by Allen Gilliland to ...

Proposal Roller 4.0 Release (updated) Dave Johnson
Page updated by Dave Johnson to ...

Testing Roller 3.1 (updated) Dave Johnson
Page updated by Dave Johnson to ...

Proposal Email Registration (updated) Dave Johnson
Page updated by Dave Johnson to ...

Roller Proposals (updated) Dave Johnson

New issues reported

New Issues feed:

[ROL-1382] Frontpage theme does not display data
If theme of a current blog is changed to "frontpage" or a new blog is...

[ROL-1381] bug in runtimeconfig
WARN 2007-03-24 05:37:19,628
RollerRuntimeConfig:getProperty - Trouble...

[ROL-1380] Rename Atom Admin Publishing Protocol
I'm working on documenting and updating the documentation for Roller developers....

[ROL-1379] Upgrade to Apache XMLRPC 3.0
The Apache XMLRPC project made a major new release in August 2006, it's first in...

[ROL-1378] Upgrade to Apache Velocity 1.5
A new version of Velocity was released last month, the first in over a year. ...

[ROL-1377] MathCommentAuthenticator should use Weblog's locale
Currently, the MathCommentAuthenticator uses the default server locale for the...

Works with

Project GlassFish

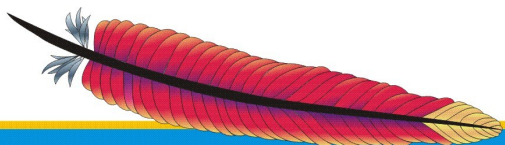
Leading the Wave
of Open Source

55

Blogs in the marketing dept.

- Product news & links blog
- Developer & evangelist blogs
- Employee blogs via aggregation
- User blogs via keyword blog-search
- Tag based feeds for the online-store

- Look ma, no web master



Product news & links blogs

The Aquarium

A blog that has nothing to do with fish ...
... but everything to do with Open Source Java EE, XML, SOA and more ...



[Main](#) | [Next page](#) »

MAR
26

First GlassFish v3 Screencast
Posted by [pelegri](#) in [GlassFish](#)

Version 3

It is still early in the cycle of [GlassFish](#) v3 but Jerome has a demo. All caveats apply, but if you are a hard-core geek you will want to check out the [screencast](#) and the [blog](#).

GlassFish v3 is the future of GlassFish, we want a server-side Java container that will scale from very small to fully-featured, that loads services on demand, and has low resource consumption. Loading on demand yields fast startup: Jerome's demo starts in less than a second.

Jerome will talk more about this at [GlassFish Day](#) and during [JavaOne](#). A preemptive comment: our approach to modularization is very *pragmatic*, as described by Jerome in some of the comments in [EclipseZone](#) and elsewhere. In particular, we expect to support some level of [OSGi](#) or other but the details will depend on the technical discussion in the GlassFish community.

TAGS: [glassfish](#) [screencast](#)



MAR
25

jRuby Servlets... in Phobos?
Posted by [pelegri](#) in [Web.Next](#)



[Phobos](#) is more than just *JavaScript on the Server-Side*; it is also a complete framework for server-side *scripting* and it can be used with other scripting languages too through the benefits of [JSR 233](#). This means you can write things like this Ruby fragment:

```
$response.contentType = 'text/plain'  
writer = $response.writer  
writer.println 'Hello, world!'
```

LANGUAGES

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[日本語](#) [русский](#)

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We're always looking for feedback from readers and articles to highlight. Please contact us at theaquarium@sun.com

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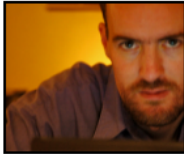
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Developer & evangelist blogs

Geertjan's Weblog



Calendar

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11	12	13	14	15	16	17	
18	19	20	21	22	23	24	
25							

Today



Thought for the Week

"It is such a relief to identify your enemies, even though you need to invent them first."

Roumen's Weblog

On a quest to make NetBeans rock the world

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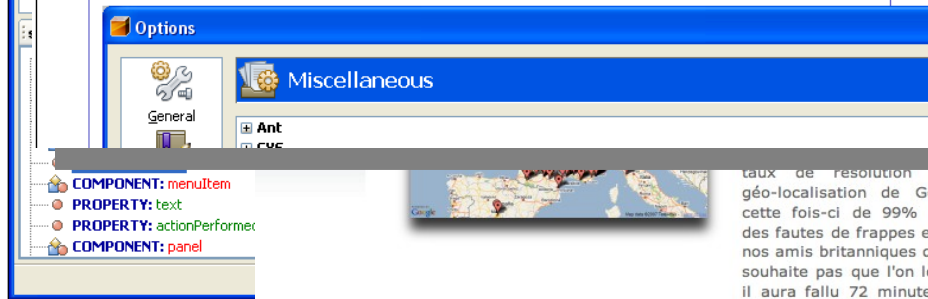
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Friday March 23, 2007

NetBeans Quick Tip #32 - Faster and More Stable Ruby Support

Here's a quick tip for those who use Ruby support in NetBeans. By default NetBeans uses bundled JRuby. It currently comes in version 0.9.8 and there can be some issues when running more complex applications because JRuby is not 100% compatible with native Ruby yet. Also when you use Rails, new JVM is started each time you use a generate command with JRuby, which is pretty slow. Tor promised this be fixed in the future, however there is a solution now available.

If you want better performance and stability you can switch from default JRuby to native Ruby. Just install Ruby (which you probably have anyway) and set the Ruby binaries inside NetBeans to the Ruby ones instead of JRuby.



« **březen 2007**

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 Collab:
 Roumen@share.java.net

NetBeans

taux de résolution du service de géo-localisation de Google Maps est cette fois-ci de 99% après correction des fautes de frappes et petit hack pour nos amis britanniques que Royal Mail ne souhaite pas que l'on localise. Au total, il aura fallu 72 minutes pour résoudre toutes les adresses en respectant les règles d'utilisation de ce service Google. La prochaine fois j'utiliserais Yahoo Maps histoire de passer...

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Here are uncensored blogs that mention StarOffice 8.

Sun Blog Entries

Erwin's StarOffice Tango - OpenOffice.org participates in the Google Summer of Code
Fri, 23 Mar 2007 17:01:54 -0700
... can be found here. The deadline for students to apply is March 27. Erwin's StarOffice Tango Erwin Tenhumberg's Insights into Open Source and Dancing .. or why Open Competition ... [» Read More](#)

Erwin's StarOffice Tango - "Conclusions from Open Document Exchange Formats Workshop"
Thu, 22 Mar 2007 11:28:19 -0700
... Document Exchange Formats Workshop" The summary of the workshop can be found here. Erwin's StarOffice Tango Erwin

Technorati Blog Entries

Index of ebooks more than 500
Mon, 19 Mar 2007 20:10:32 GMT
24 Hours in Cyberspace # 3D Graphics & VRML 2.0 # 3D Graphics Programming With QuickDraw 3D # ABCs of Quattro Pro for Windows # ABCs of System ... to Programming on the Sun OS # Beginner's Guide to Sock

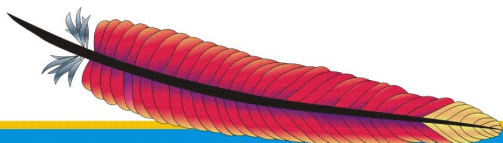
Posted in **Computer Science Reference Books** ([31 links from 19 sites](#)) by shahidsidd

[» Read More](#)

OpenOffice.org v2.2.0 RC4
Mon, 19 Mar 2007 02:22:06 GMT
OpenOffice.org v2.2.0 RC4 OpenOffice.org is

For more information

- Apache Roller
 - <http://roller.apache.org>
 - <http://roller.dev.java.net> (additional plugins & themes)
- Apache JSPWiki
 - <http://incubator.apache.org/jspwiki>
- Apache Abdera (Incubating)
 - <http://incubator.apache.org/abdera/>
- Project ROME and Propono
 - <http://rome.dev.java.net>



Summary

- Put blogs, planets, wikis and feeds in place
- Support and encourage their use
- Trust and empower your users/employees
- Enable the self-service web
- Lend a hand with development of
 - Themes, customizations & plugins for your users
 - Development of Roller, Abdera and JSPWiki here at the Apache Software Foundation!



Q & A time

Questions?

