

Roller and blogs as a web development platform

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Session Goals: to learn...

Ways that blogs, planets, feeds, wikis and
can be integrated and automated

How they enable the self-service web for
users of varying skill levels

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

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 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

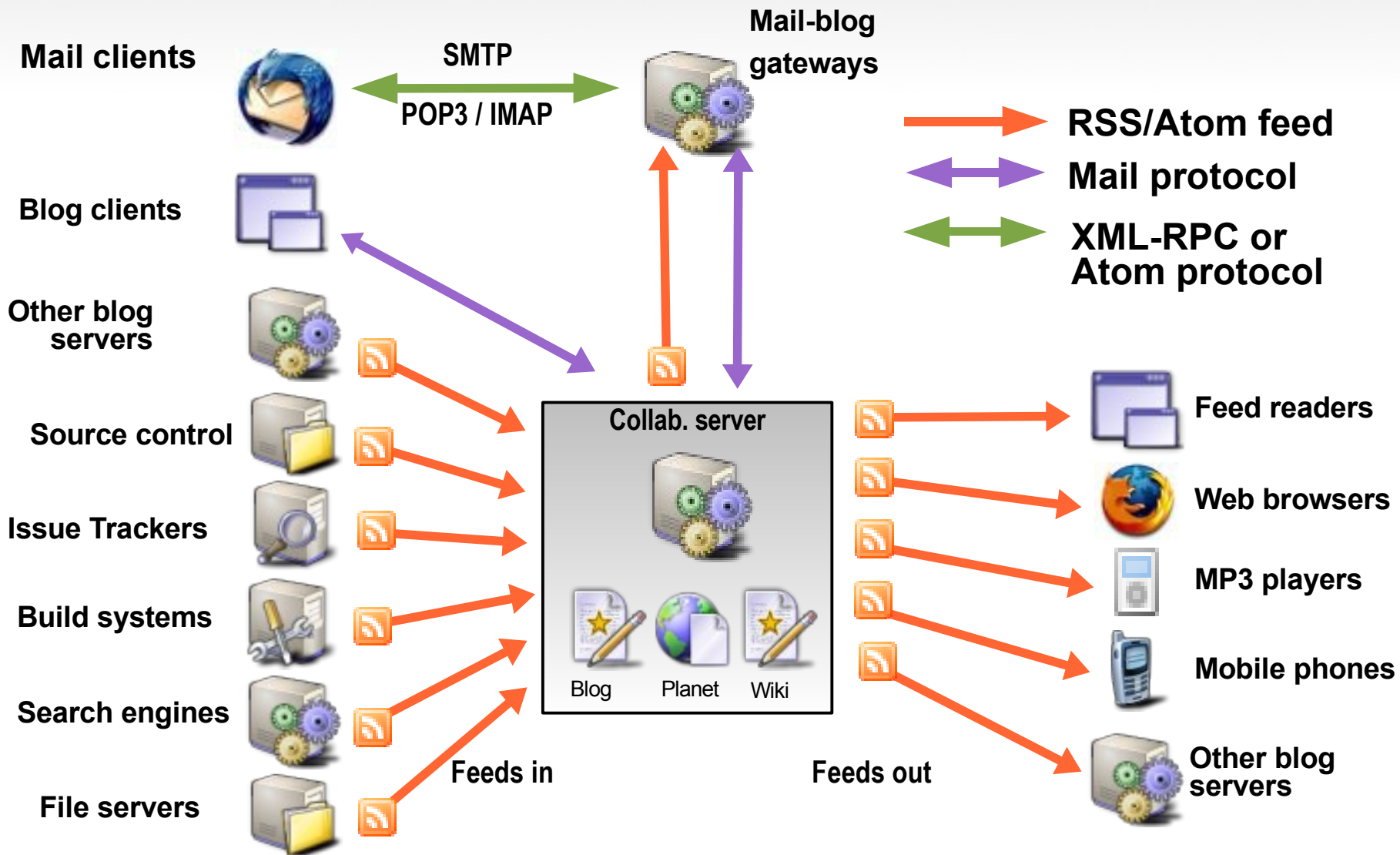
- Easy web publishing and feed generation
 - Easy interface for writers
 - Feeds for entries and comments
 - Filtered feeds by category, tags and search
 - Aggregated feeds
 - Podcast feeds

Or with a little...

- 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 and feed web services

- Blogger API / MetaWeblog API
- Atom Publishing Protocol
- Roller Admin Protocol

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: XMLRPC 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

MetaWeblog API: Java example

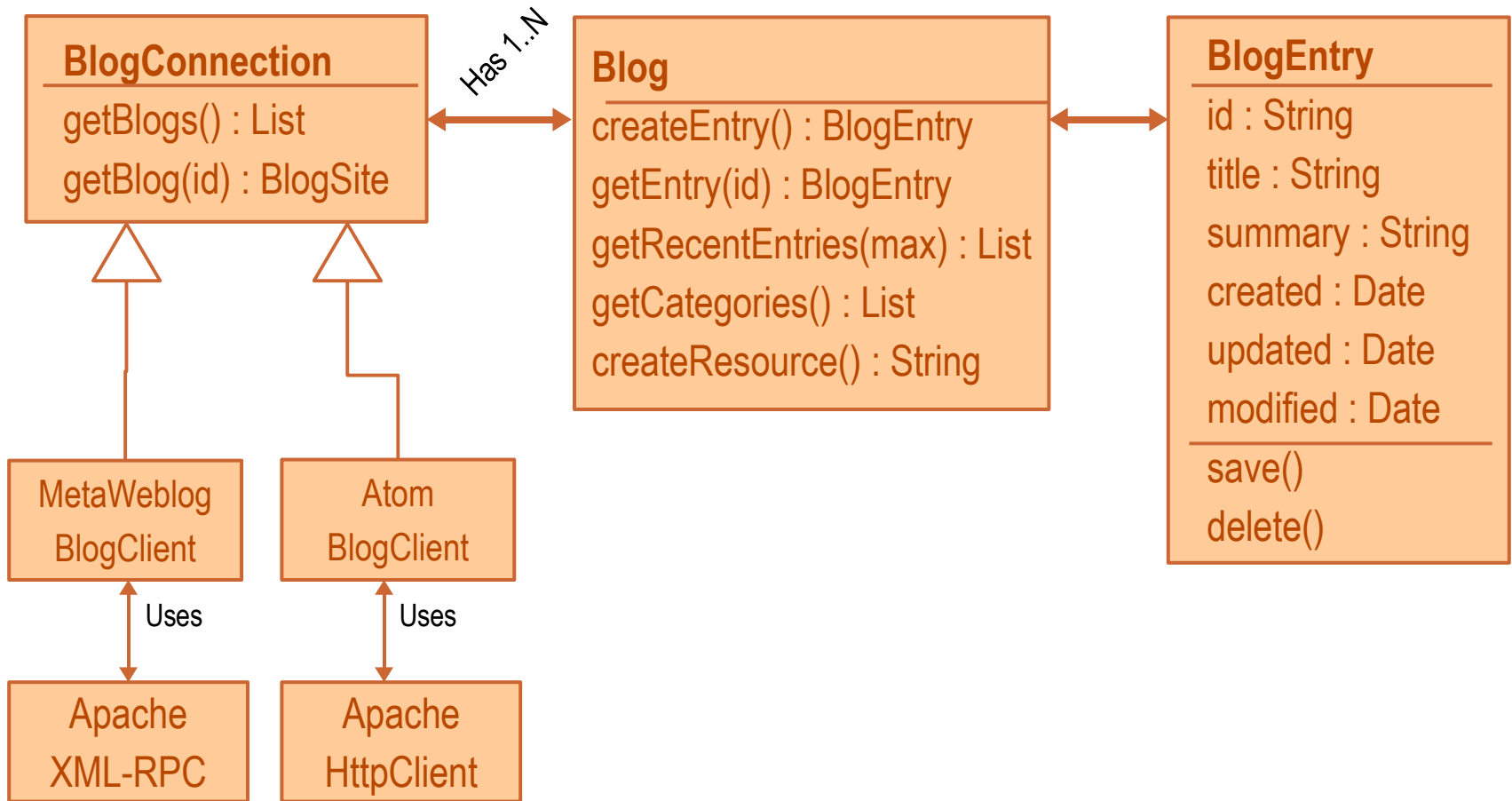
```
String uname, pword, blogid, target, title, content;
```

```
Hashtable post = new Hashtable();  
post.put("title", title);  
post.put("description", content);  
post.put("dateCreated", new Date());
```

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

```
Integer result = (Integer)client.execute("metaWeblog.newPost",  
    new Object[] {blogid, uname, pword, post, Boolean.TRUE});
```

Propono Blog Client



Propono Blog Client example

```
BlogConnection conn =
    BlogConnectionFactory.getBlogConnection(
        "metaweblog", endpoint, username, password);

// get first blog available to user
Blog blog = (Blog)conn.getBlogs().get(0);

// create entry in first entry collection found
BlogEntry entry = blog.newEntry();
entry.setTitle("NPE on submitting new order query");
entry.setContent(
    new BlogEntry.Content("This is a <b>bad</b> one!"));
entry.save();
```

Atom Publishing Protocol (APP)

- Everything MetaWeblog API does
 - Atom does better
- REST based publishing
 - Blogs entries, uploads, templates, etc.
 - Wiki pages, attachments, etc.
 - Bookmarks, photos, events, etc.
 - All that is bloggy...



Atom Protocol: Service Doc

```
<service xmlns="http://purl.org/atom/app#">
  <workspace title="My Weblog" >

    <collection title="Weblog Entries"
      href="http://hostname/app/myweblog/entries">
      <member-type>entry</member-type>
    </collection>

    <collection title="Uploaded Files"
      href="http://hostname/app/myweblog/resources">
      <member-type>image/*</member-type>
    </collection>

  </workspace>
</service>
```

Atom 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>
```

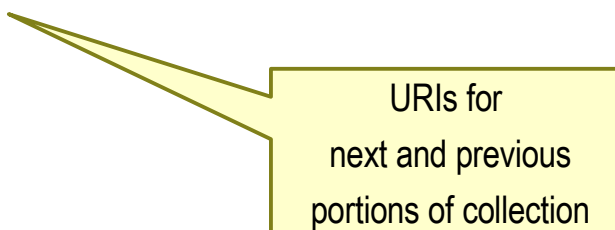
```
  <entry> ... </entry>
```

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

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

```
  ...
```

```
</feed>
```



URIs for
next and previous
portions of collection

<entry> in a collection

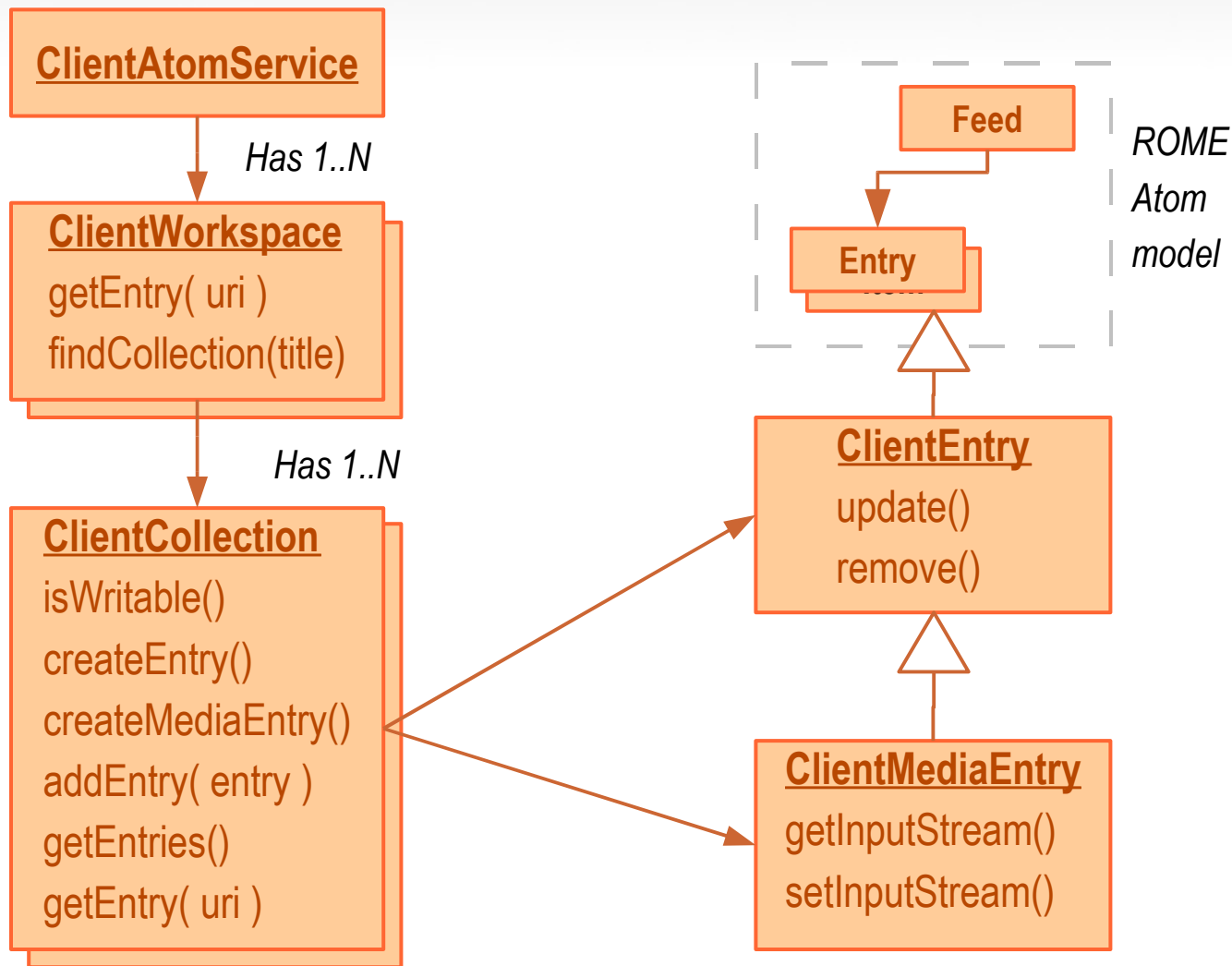
```
<entry>
  <title>Unit test results</title>
  <link rel="alternate"
    href="http://localhost/roller/page/bill?entry=ost1" />
  <link rel="edit"
    href="http://localhost/roller/app/bill/entry/757" />
  <category term="/UnitTests" />
  <id>http://buildserver/roller/status/entry/report1</id>
  <updated>2005-12-27T22:08:03Z</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

Propono Atom Client



Propono Atom Client example

```
ClientAtomService service =  
    AtomClientFactory.getAtomService(endpoint, uname, pword);  
  
// find workspace for Order System project  
ClientWorkspace workspace =  
    (ClientWorkspace) service.findWorkspace("Order System");  
  
// find first collection that accepts entries  
ClientCollection collection =  
    (ClientCollection) ws.findCollection(null, "entry");  
  
ClientEntry entry = collection.createEntry();  
entry.setTitle("NPE on submitting new order query");  
entry.setContent(Content.HTML, "This is a <b>bad</b> one!");  
collection.addEntry(entry);
```

Roller Admin Protocol

- REST based protocol for Roller
 - Add, edit and delete Users
 - Add, edit and delete Weblogs
 - Add, edit and delete Members
- Some similarities to Atom protocol
 - IMHO: Replace with APP

Roller Admin Protocol: 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>
```

Roller Admin Protocol: 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: XMLRPC 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

WikiRPCInterface

- Supported by:
 - JSPWiki, MoinMoin, Twiki, PHPWiki
 - But not Confluence, which has it's own API
- Limitations:
 - No paging, no ability to write pages
- Future
 - WikiRPCInterface2 vs. Atom protocol



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Blog template customization

- Add new custom pages to your blog
 - HTML, XHTML pages
 - JSON pages for Ajax effects
 - Using blog data and data from plugins
- Add new custom feeds to your blog
 - Custom RSS and Atom feeds
 - Using blog data and data from plugins

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 to 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	<input type="text" value="gsp2"/>
Link	<input type="text" value="gsp2"/> http://localhost:8080/roller/adminblog/page/gsp2 [launch]
Description	<input type="text" value="GSP blog page"/>

```
<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	<input type="radio"/> Automatically set content type
	<input checked="" type="radio"/> Use manually specified content-type <input type="text" value="text/html"/>
Include in page menu	<input type="checkbox"/> Include in menu produced by showPageMenu() macro
Hidden	<input type="checkbox"/> Hidden pages cannot be accessed via a weblog URL
Template Language	<input type="text" value="velocity"/>

Roller Weblog Templates

- A weblog has three required templates
 - Weblog, `_day` and `_css`
- Plus any number of user defined templates
- Template language: Apache Velocity
 - Other languages possible via plugins
- Data available via *Models*

Roller 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

CalendarModel

SearchResultsFeedModel

Pager

homeLink
homeName
nextLink
nextName
prevLink
prevName
items

ConfigModel

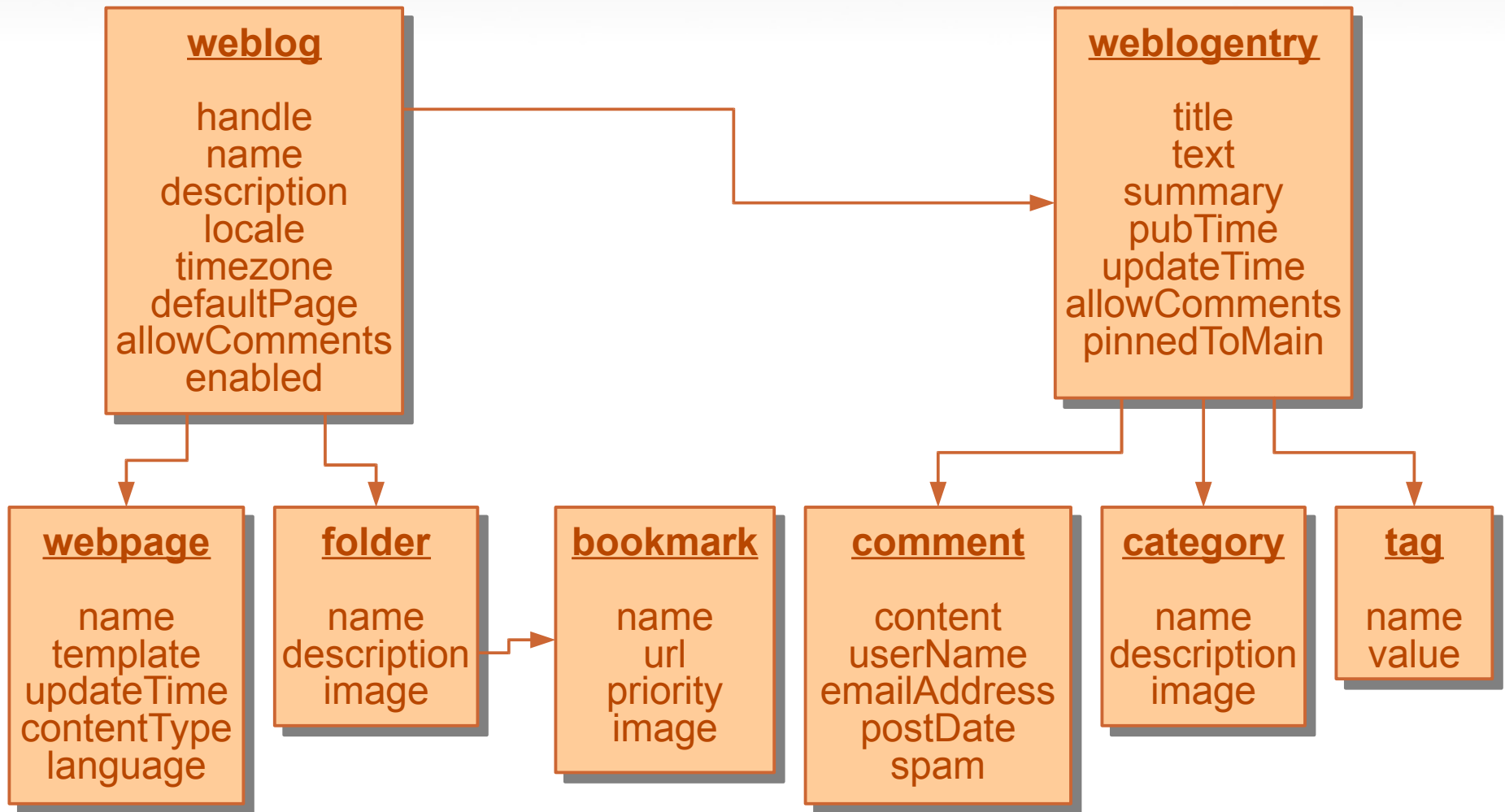
SearchResultsModel

PlanetModel

FeedModel

SiteModel

Roller Data Model



Example: Template for 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 ]
}
```

Example: JSON template output

```
{ 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" }
  ...
] }
```

Example: Dojo table in a Roller page

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

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Blog server customizations

- Weblog entry plugins
- Weblog rendering plugins
 - Pluggable model
 - Pluggable view
- Pluggable comment validation

Which parts of Roller API to use

- Roller Manager Interfaces
 - UserManager, WeblogManager, etc.
- Roller POJOs
 - WeblogEntryData, CommenData, etc.
- Roller Configuration
 - RollerConfig, RollerRuntimeConfig
- Roller Utilities
- Roller Request objects

Roller Weblog Entry Plugins

- Transform entries at display time
- Implement this interface

```
public interface WeblogEntryPlugin {  
    public String getName();  
    public String getDescription();  
    public void init(WebsiteData weblog)  
        throws RollerException;  
    public String render(  
        WeblogEntryData entry, String str);  
}
```

- 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

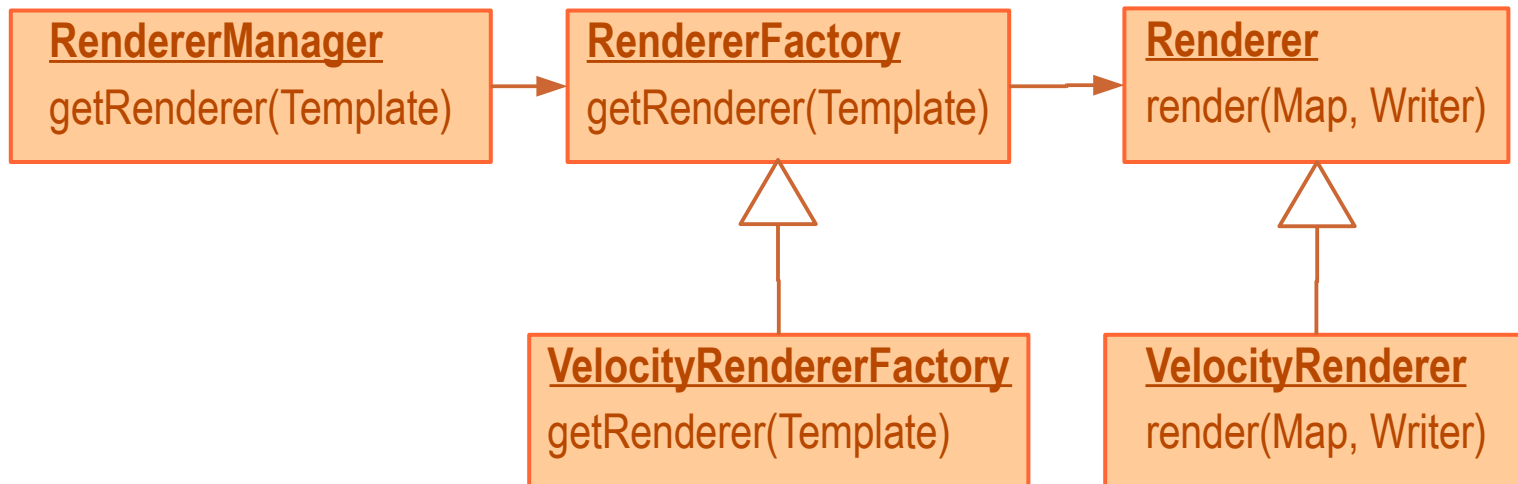
- Plugin new page models
- Implement model interface

```
public interface Model {  
    public String getModelName();  
    public void init(Map params) throws RollerException;  
}
```

- Add to appropriate model properties

```
rendering.pageModels=  
rendering.feedModels=  
rendering.searchModels=  
rendering.previewModels=
```

Roller Page Rendering



Roller Renderer Plugins

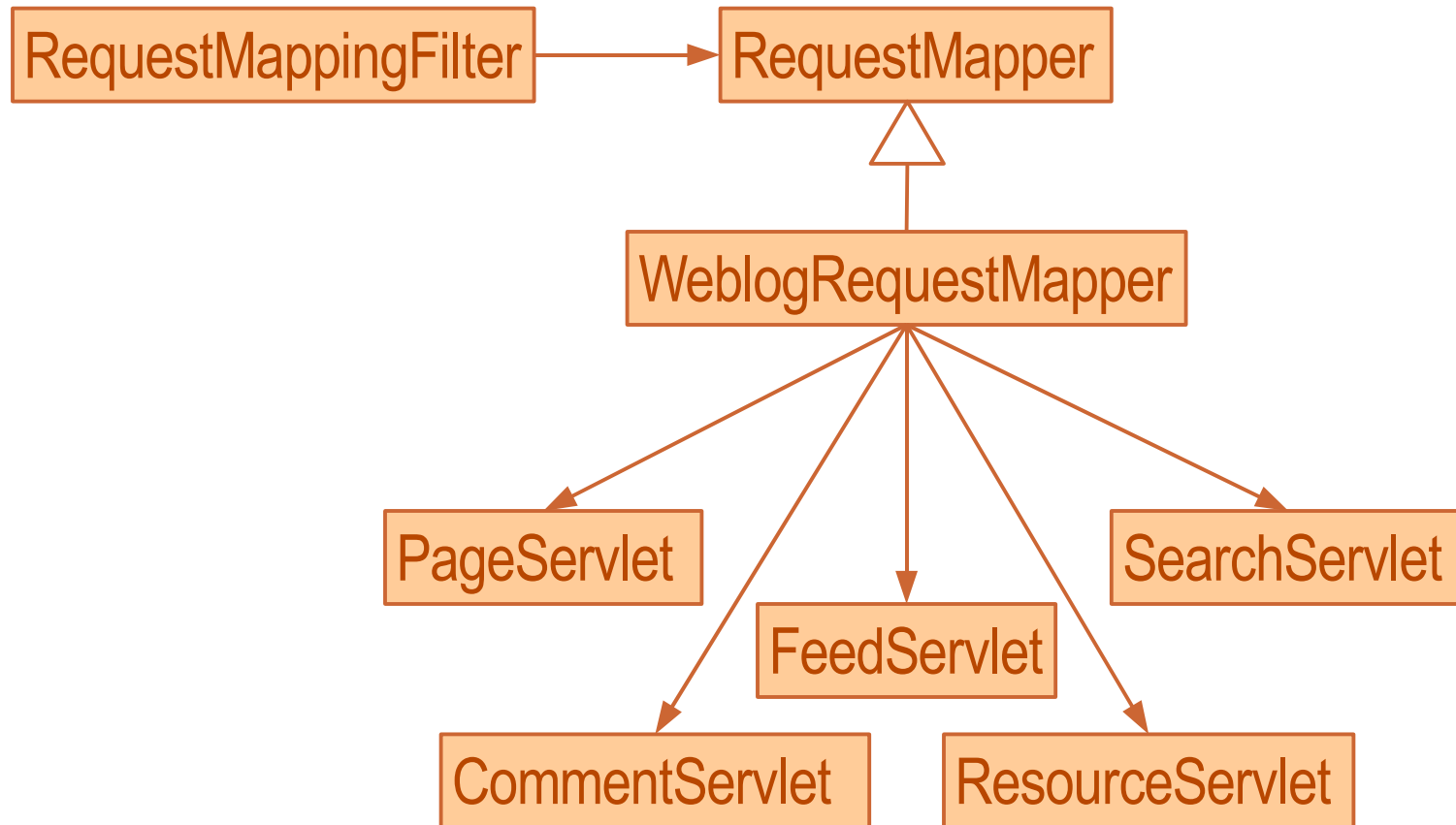
- Allows you to plugin your own view
- Implement this factory interface:

```
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;  
}
```

Roller Request Mapping



Roller Request Mapper Plugins

- Allows you to handle render requests
- Implement this interface:

```
public interface RequestMapper {  
    public boolean handleRequest(  
        HttpServletRequest req, HttpServletResponse res)  
        throws ServletException, IOException;  
}
```

- Return true if you handled request
- List your mapper class in the config

```
rendering.userRequestMappers=
```

Comment Validation Plugins

- Plugin your own comment validation
- Implement this interface:

```
public interface CommentValidator {  
    public String getName();  
    public int validate(  
        CommentData comment, RollerMessages messages);  
}
```

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

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

Existing Comment Validator Plugins

- ExcessSizeCommentValidator
- ExcessLinksCommentValidator
- BlacklistCommentValidator
- AkismetCommentValidator

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Scripting opportunities

- Scripting languages in Page Templates
 - BSF Renderer for Groovy, JRuby, Javascript
 - Groovlet & GSP Renderers
- Roller admin scripts
 - Call Roller API directly from scripts

BSF Renderer

```
public void render(Map model, Writer writer)
//...
    BSFManager manager = new BSFManager();

    for (it = model.keySet().iterator(); it.hasNext();) {
        String key = (String)it.next();
        manager.declareBean(key,
            model.get(key), model.get(key).getClass());
        manager.registerBean(key, model.get(key));
    }
    manager.declareBean("out", writer, Writer.class);
    manager.registerBean("out", writer);

    manager.exec(template.getTemplateLanguage(),
        "(java)", 1, 1, template.getContents());
//...
}
```



JRuby via BSF Renderer

```
$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>"
```

Other renderers

- Groovlet Renderer
- Groovy Server Page (GSP) Renderer
 - Not possible with BSF

- Someday?
 - Freemarker
 - WebMacro
 - JSP

Groovy Server Pages (GSP) Renderer

```
<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 Roller admin scripts

```
roller = org.apache.roller.business.RollerFactory.getRoller();

user = roller.getUserManager().getUserByUsername(username);
if (user != null) {

    website = new org.apache.roller.pojo.WebsiteData(
        handle, user, blogname, description,
        user.getEmailAddress(), user.getEmailAddress(),
        theme, user.getLocale(), user.getTimeZone());

    roller.getUserManager().addWebsite(website);
    roller.flush();

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

Planet server aggregation

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- **Planet server aggregation**
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Planets

PLANET APACHE

March 26, 2007

SUBSCRIPTIONS

Adan
Adria
Alex
Andr
Apac
Apac
Apac



GNOME™ About GNOME · Download · Users · Art & Themes · Developers · Foundation · Contact

Dan Diephouse — [RESTful reliability continued...](#)

Stefan Tilkov has been doing a good job covering the ongoing discussion of [how to do POSTs reliably](#).

All the solutions for a reliable POST seem ugly.

1. *POST to the <http://example> it return 201 Created and the header.*
2. *PUT the intended content to the*

While it has beauty in consistency, it seems less addition of a resource reliably.

On the other hand we have WS-RM. The nice t even if it does take a message based approach i WS-RM is XML only. One of the major benefit opinion is that works with any type of resource and REST camps merging together.

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.

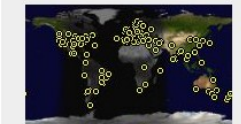
Search

Customised search for Planet GNOME contributor blogs.

Google™ Custom Search

Search

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-Planet (Python)
 - See also: Sam Ruby's Venus fork of Planet-Planet

Roller-Planet

- Roller's built-in Planet server
- Standalone Planet server ready to ship
 - Multiple Planets per server
 - Each Planet defines Aggregation Groups
 - Based on Roller:
 - Back-end architecture
 - Rendering system

Roller-Planet Future Plans

- User administered Planets
 - Multiple Users per Planet
 - Multiple Planets per User
- Planet Page Templates
- Permanent entry cache

- Modularity
 - Roller-Planet and Roller-Blog can share more

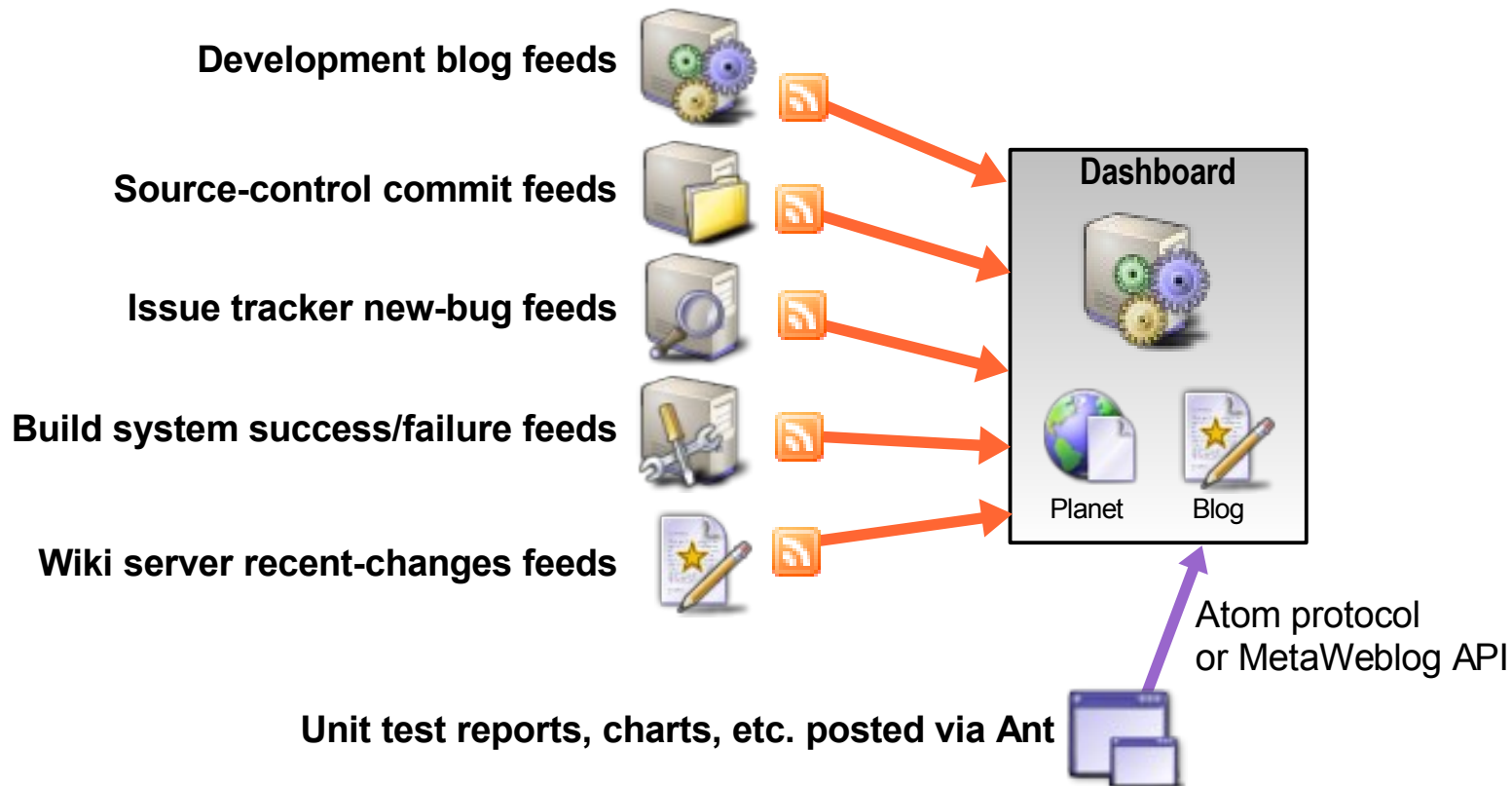
Agenda

- 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 development

- 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**

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...

Quick Links

- Bug Tracker
- Downloads
- Install Guide
- Mailing Lists
- Roller FAQ
- Roller Wiki
- Source Code
- User Guide

Developers

- Allen
- Anil
- Dave
- Henri
- Lance
- Matt

Works with



Project GlassFish

Blogs in marketing

- 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 ...



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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

[english](#) [简体中文](#) [español](#)
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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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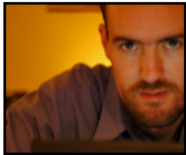
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Developer & evangelist blogs

Geertjan's Weblog



Calendar

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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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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.

Options

Miscellaneous

General

Ant

COMPONENT: menuItem
 PROPERTY: text
 PROPERTY: actionPerformed
 COMPONENT: panel

« **březen 2007**

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Today

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PODCAST

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Contact Me

Name: Roman Strobil
 E-mail: roman dot strobil at sun dot com
 ICQ: #54106719
 Collab: Roumen@share.java.net

NetBeans

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Join the GlassFish V2 Beta

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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...

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Here are uncensored blogs that mention StarOffice 8.

Sun Blog Entries

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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

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[Index of ebooks more than 500](#)
Mon, 19 Mar 2007 20:10:32 GMT
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[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

- Project ROME and Propono
 - <http://rome.dev.java.net>
- Apache Roller
 - <http://roller.apache.org>
 - User Guide
 - Template Guide
 - Developer Guide
- Apache Abdera (Incubating)

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

- Help out with development of
 - Customizations & plugins
 - Better tools via via ASF and F/OSS