Index

This is the home page for the Apache Shindig space.

Table of Contents

- 1 FAQs
  - 1.1 What's the relationship between Shindig versions and OpenSocial spec versions?
  - 1.2 How do I verify the OpenSocial compliance of Shindig?
  - 1.3 What do I need to do to integrate shindig into my site?
  - 1.4 How can I display a gadget in my web page?
  - 1.5 How do I generate the iframe urls manually?
  - 1.6 With Tomcat, how to use Shindig as a non-root application?
  - 1.7 What are the inputs and outputs of the Shindig metadata call?
  - 1.8 How to access the console for gadgets.log?
  - 1.9 How I can include Shindig in my web-app?
- 2 Database & Shindig
  - 2.1 How can I provide my own implementation of the data services (no database)?
  - 2.2 How do I integrate a relational database with Shindig (MySQL example)?
  - 2.3 How can I integrate my own social database schema with shindig (MySQL example)?
  - 2.4 How do I integrate a relational database with Shindig (deprecated)?
- 3 Security & Shindig
  - 3.1 How do I enable OAuth in Shindig?
  - 3.2 Security Tokens?
  - 3.3 How do I enable domain locking in Shindig?
- 4 Setting up an Eclipse Development Environment
- 5 How do I manage Shindig?
  - 5.1 How do I use JMX with Shindig?
- 6 Adding Features to Shindig
  - 6.1 How do I add a new feature to Shindig?
- 7 Caching in Shindig
  - 7.1 EhCache
- 8 Additional Resources
  - 8.1 OpenSocial external resources
  - 8.2 Other OpenSocial implementations
  - 8.3 Articles on Shindig
  - 8.4 Shindig Examples
- 9 Design Documents
  - 9.1 OAuth Proxy compatibility with fix for OAuth session fixation attack
  - 9.2 Arbitrary Extensions to Apache Shindig's Data Model
  - 9.3 OAuth 2.0 Service Provider Implementation in Apache Shindig
- 10 Shindig Site
  - 10.1 Shindig CMS Site
- 11 Shindig Board Reports
  - 11.1 Board Reports

FAQs

What's the relationship between Shindig versions and OpenSocial spec versions?

There was a recent post on the mailing list that discussed this relationship. These will match what you would find in the SVN. For convenience, here's a quick table summary.

<table>
<thead>
<tr>
<th>Shindig Version</th>
<th>OpenSocial Spec Level</th>
<th>SVN URL</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0.x-incubating</td>
<td>0.8.1</td>
<td><a href="http://svn.apache.org/repos/asf/incubator/shindig/branches/1.0.x-incubating">link</a></td>
<td></td>
</tr>
<tr>
<td>1.0.x</td>
<td>0.9</td>
<td><a href="http://svn.apache.org/repos/asf/shindig/branches/1.0.x">link</a></td>
<td></td>
</tr>
<tr>
<td>2.0.x</td>
<td>1.0</td>
<td><a href="http://svn.apache.org/repos/asf/shindig/branches/2.0.x">link</a></td>
<td></td>
</tr>
<tr>
<td>3.0.x</td>
<td>2.0</td>
<td><a href="http://svn.apache.org/repos/asf/shindig/trunk">link</a></td>
<td>Has not been released yet</td>
</tr>
</tbody>
</table>
How do I verify the OpenSocial compliance of Shindig?


What do I need to do to integrate shindig into my site?

See The rough guide to deploying shindig. It's very barebones right now, but hopefully can get you started.

How can I display a gadget in my web page?

This how to shows the integration of a gadget in a web page Display a gadget in a web page.

How do I generate the iframe urls manually?

See iframe url format

With Tomcat, how to use Shindig as a non-root application?

If you are using a non-root context like /shindig you want to edit your /java/common/conf/shindig.properties file. Edit to equal to your new path shindig.content-rewrite.concat-url=/shindig/gadgets/concat

What are the inputs and outputs of the Shindig metadata call?

See Shindig's metadata call.

How to access the console for gadgets.log?

Firefox: Firebug: http://getfirebug.com/
IE8: Tools->Developer Tools, use the Script tab
Safari 3 & 4: Edit->Preferences; Advanced; Select "Show Develop menu in menu bar"; Develop->Show Error Console
Opera 9/10: Out of luck till Shindig gets fixed, seems window.opera.postError is the logging call

How I can include Shindig in my web-app?

You can get a start point reading the How use shindig out of the box tutorial.

Database & Shindig

How can I provide my own implementation of the data services (no database)?

First, it's helpful to have an overview of Shindig's architecture. Dave put a great post on his blog, so start by reviewing that. (Hey Dave, would you consider moving your post over to this wik?) Notice in step 5, you get to the three data services, PersonService, ActivityService, and AppDataService. From there, you can check out Harry's instructions on Providing your own data service implementation.

How do I integrate a relational database with Shindig (MySQL example)?

The following tutorial explains how to do that (tutorial).
If you want to understand how JPASocialModule provides implementations of PersonService, AppDataService, etc. look at the instructions in the previous section.
How can I integrate my own social database schema with shindig (MySQL example)?

The following tutorial explains how to do that (tutorial). This tutorial requires the knowledge of the above tutorial: Relational database integration.

How do I integrate a relational database with Shindig (deprecated)?

Chris Schalk did an article on data integration some time ago. On a recent mail exchange on shindig-dev, he recognized this probably needs to be updated. Hopefully, we can update that information on this wiki on the new Shindig Data Integration Development Guide page.

Security & Shindig

How do I enable OAuth in Shindig?

Rodrigo Gallardo has started a the Enabling OAuth support page. Check it out for details.

Security Tokens?

Visit this page for information about shindig security tokens.

How do I enable domain locking in Shindig?

The Locked Domains page describes how Locked Domains work in Shindig and how the behavior can be customized.

Setting up an Eclipse Development Environment

Instructions on how to setup your development environment can be found here.

How do I manage Shindig?

How do I use JMX with Shindig?

With Jetty, you need to set MAVEN_OPTS=-Dcom.sun.management.jmxremote and call mvn -Prun. After this, you could use jconsole as usually.

Adding Features to Shindig

How do I add a new feature to Shindig?

This series of pages walks through adding a feature to Shindig and then adds an osapi service and then connects the osapi service into the feature.

- Adding a New Feature to Shindig
- Adding A New osapi Service and Calling it From a Feature
- Batch Data Loading in a Gadget
- Data Loading for a Shindig Feature
Caching in Shindig

Table of Shindig's Caches (In Progress)

EhCache

- EhCache Configuration
- Monitoring EhCache with JMX
- EhCache Memory Analysis
- Debugging EhCache's SizeOfEngine

Additional Resources

OpenSocial external resources

Here is the list of OpenSocial external links:

- **Partuza**: A Shindig based example social network site
- **Socialsite**: socialsite: Open Source Social Networking Server with OpenSocial Support

On 02/02/11 17:46, Paul Lindner wrote:
> Right now SocialSite is stuck in Oracle/Sun legal limbo which has caused the
> community around it to disperse. Sad really.

- **raya**: .NET port of Partuza
- **osec**: The MITRE Corporation's light-weight, enterprise OpenSocial container. There is the intent to become an Apache Incubator project shortly.
- **Eureka Streams**: Eureka Streams is a free, open source enterprise social networking platform developed by Lockheed Martin.
- **Katari**: Katari is a java based software platform that will help you develop web applications faster. It is a modular platform, that includes a shindig module and a gadget container module.

Other OpenSocial implementations

Here is the list of other OpenSocial container implementations:

- **Baadal**: .NET port of Shindig
- **Opencampfire**: .NET port of Shindig
- **pesta**: .NET port of Java Shindig

Articles on Shindig

<table>
<thead>
<tr>
<th>Title</th>
<th>Publisher</th>
<th>Author</th>
<th>Published</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis about implementing the OpenSocial API into an existing social network. Written in German</td>
<td>N/A</td>
<td>Harry Hübner</td>
<td>June 2009</td>
</tr>
<tr>
<td>Shindig for Blogs &amp; Wikis</td>
<td>ASF</td>
<td>Dave Johnson</td>
<td>March 2009</td>
</tr>
<tr>
<td>OpenSocial a Standard for the social web</td>
<td>slideshare</td>
<td>Patrick Chanezon</td>
<td>March 2009</td>
</tr>
<tr>
<td>Google Gadgets &amp; Shindig RPC Enlightenment</td>
<td>N/A</td>
<td>Arnaud Bailly</td>
<td>Feb. 2009</td>
</tr>
<tr>
<td>SocialSite - Architectural Overview</td>
<td>Google</td>
<td>Rajdeep Dua</td>
<td>Jan. 2009</td>
</tr>
<tr>
<td>Empowering the social web with Apache Shindig</td>
<td>ASF</td>
<td>Henning Schmiedehausen</td>
<td>Nov. 2008</td>
</tr>
<tr>
<td>Shindig Architectural Overview</td>
<td>?</td>
<td>Rajdeep Dua</td>
<td>Nov. 2008</td>
</tr>
<tr>
<td>Apache Shindig Pushes Social Envelope</td>
<td>Article Alley</td>
<td>Kevin Burbank</td>
<td>Oct. 2008</td>
</tr>
<tr>
<td>Setting up Shindig on Windows</td>
<td>N/A</td>
<td>Chris Chabot</td>
<td>Oct. 2008</td>
</tr>
<tr>
<td>How the Shindig REST API works (Java version)</td>
<td>N/A</td>
<td>Dave Johnson</td>
<td>Sept. 2008</td>
</tr>
</tbody>
</table>
Shindig Examples

- Shindig Spring Example

Design Documents

OAuth Proxy compatibility with fix for OAuth session fixation attack

Arbitrary Extensions to Apache Shindig’s Data Model

OAuth 2.0 Service Provider Implementation in Apache Shindig

Shindig Site

Shindig CMS Site

Shindig Board Reports

Board Reports