

Foowi

- Runs the Search Wikia social features.
- Open source social networking under Apache License.
- Built using Spring, SpringMVC, Tiles, iBatis, and MySQL
- Mailing List:
 - <http://lists.wikia.com/mailman/listinfo/foowi-l>
- Source Code (SVN)
 - <http://svn.swlabs.org/foowi>

Architecture

- Front end is Spring MVC using TilesView, JSTL, EL
- Service Layer using Spring
- Data Access Layer using Spring and iBatis
- Email templates using Velocity

Rapid Development

- Eclipse
 - Ant build file to copy changed classes to internal workspace.
- Tomcat
 - Context pointing to eclipse workspace webapp
 - Automatic class reloading
- Sysdeo Plugin
 - <http://www.eclipsetotale.com/tomcatPlugin.html>

How Do I?

- Layout a project?
- Abstract different layers?
- Handle configuration data?

How Do I Cont'd?

- Use a form controller?
- Use Spring form tags?
- Populate the form to display with reference data?
- Validate input?

How Do I Cont'd?

- Return error messages from service layer (and still have transactions)?
- Use a resource bundle for error messages?
- Use configuration properties in the view layer?
- Redirect and forward views?
- Know what is going wrong in my project?

How Do I Cont'd?

- Use tiles with Spring?
- Use transactions with Spring?
- Use interceptors? (auto login, global security)
- Use iBatis with Spring?

How Do I Cont'd?

- Provide a captcha?
- Send email using a template?
- Allow for UTF-8 content?
- Display an image using a controller?

Conclusion

- Freely available, you can use it to create other social networking sites.
- You can help make it better :)
 - Sign up for the mailing list
 - Hack out some code
 - Contact me if you have any questions (kubes at apache dot org)
- Performance
 - 1 tomcat server, dual 2.8Ghz Xeon, 800K page views first day, average of 200K page views a day