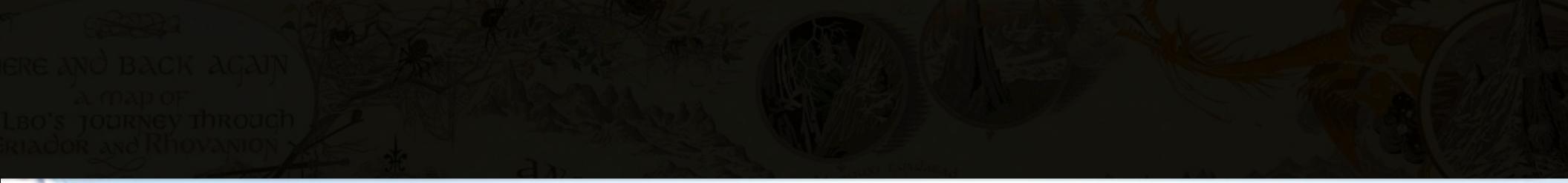


There and back again

A story of a simple HTTP request



THE HOBBIT

THERE AND BACK AGAIN...







WWW.LORD.OF.THE.RINGS.NET

© 2001 New Line Productions, Inc. / The Saul Zaentz Company d/b/a Tolken Enterprises under license to New Line Productions, Inc. All Rights Reserved.



FELLENBERG

Copyright Property of Flying Rhinoceros Creations



Inger
Edelfeldt





by Eriol

FILTER MAP NOTES ▾

SHOW MAP ▾

to misty mountains RIGHT CLICK ON MAP
TO ZOOM OUT X



Rivendell

to trollshaws



HERE AND BACK AGAIN
A MAP OF
GANDALF'S JOURNEY THROUGH
MIDDLE-EARTH

GANDALF'S JOURNEY
THROUGH MIDDLE-EARTH

Whoami

- Colin Harrington
 - colin.harrington@objectpartners.com
 - @ColinHarrington



**Object
Partners
Inc.**

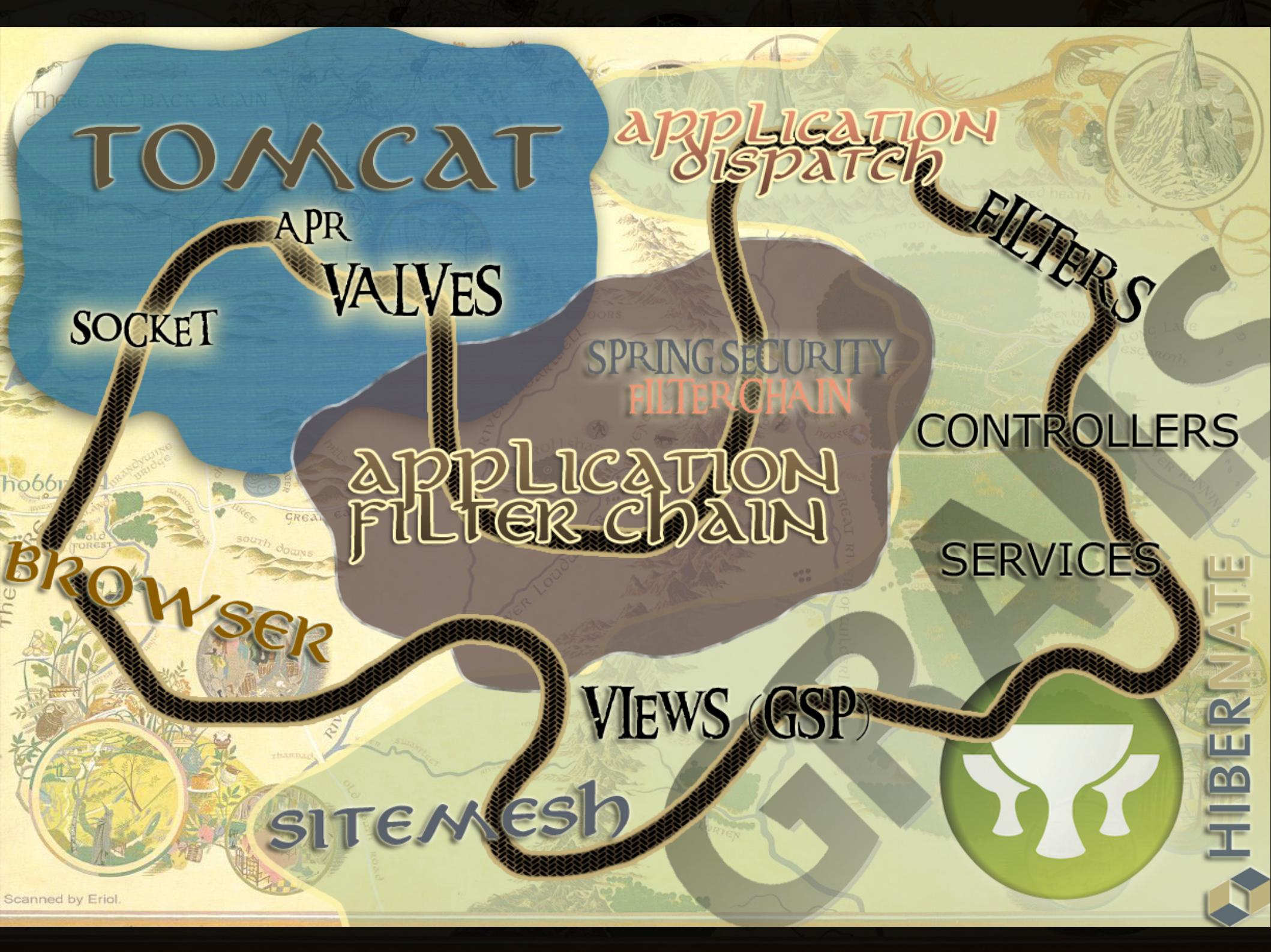
[!\[\]\(70d2c6078ab65d8fee937ad46006682c_img.jpg\) Home](#) [!\[\]\(178372ff0d4d34b957c354a8a42577cd_img.jpg\) New Book](#)

Book List

ISBN	Qty	Title
978-1430243779	5	The Definitive Guide to Grails 2
978-1449323936	1	Programming Grails
978-1430219262	7	Grails Persistence with GORM and GSQL
978-1933988931	2	Grails in Action
978-1932394849	7	Groovy in Action
978-1590599952	6	The Definitive Guide to Grails

0





Setup

- Tomcat 7.0.39
- Grails 2.2.3

Detail / Source

- <http://tomcat.apache.org/download-60.cgi>
- CATALINA_OPTS="-Xdebug
-Xrunjdwp:transport=dt_socket,address=8000,server=y,suspend=n"
- git clone git://git.springsource.org/spring-security/spring-security.git
- git checkout 3.0.4.RELEASE
- svn co https://src.springframework.org/svn/spring-framework/tags/spring-framework-3.0.5.RELEASE/
- git clone git://github.com/sitemesh/sitemesh2.git
- git checkout 9e97e40cf059b486567ef170ecac2ab01ea17bab
(version 2.4)

Socket



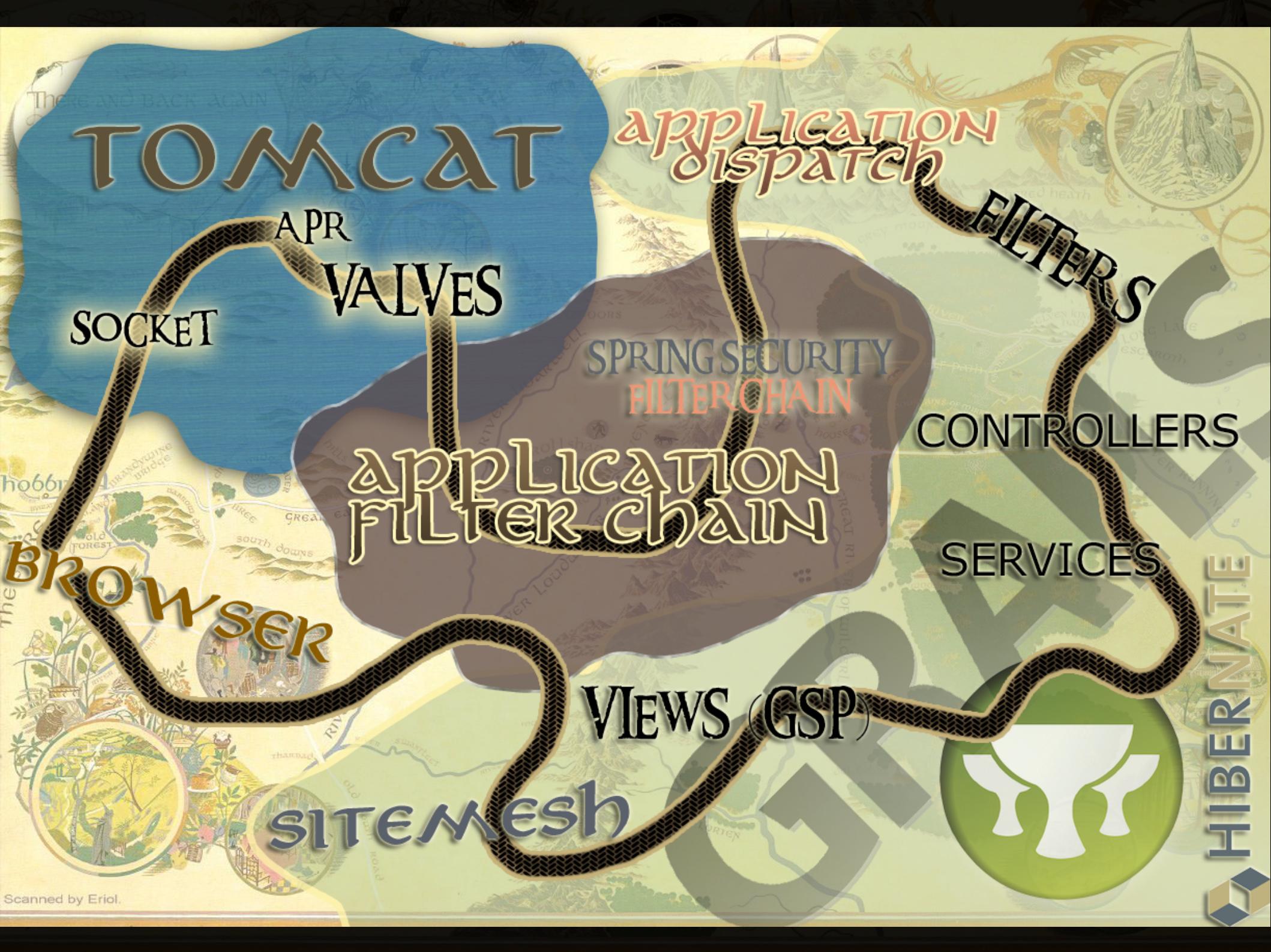
Tomcat Valves



Tomcat Valve Examples

- org.apache.catalina.core.StandardEngineValve
- org.apache.catalina.valves.ErrorReportValve
- org.apache.catalina.core.StandardHostValve
- org.apache.catalina.core.StandardContextValve
- org.apache.catalina.core.StandardWrapperValve



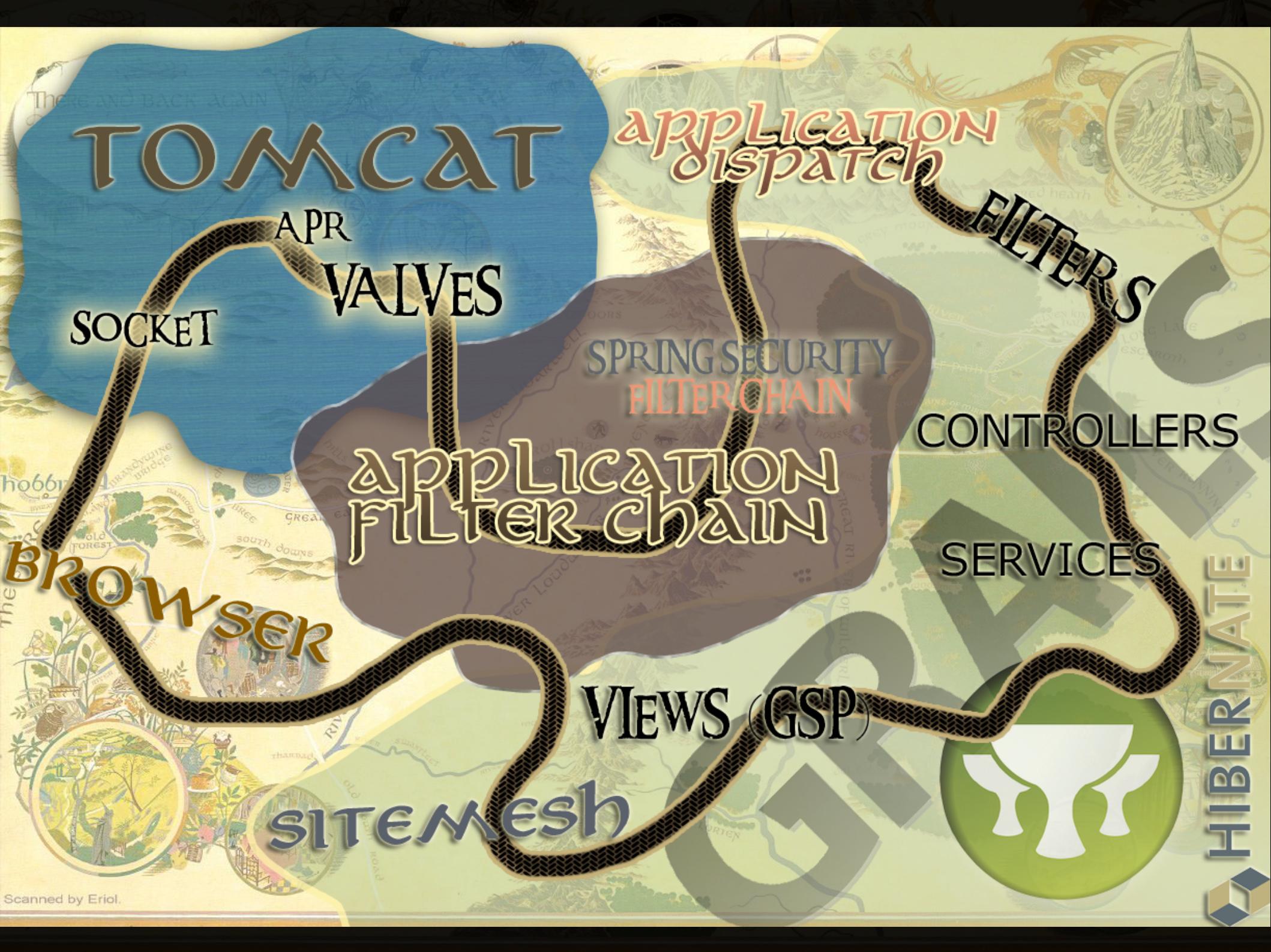


ApplicationFilterChain

- `charEncodingFilter`
- `hiddenHttpMethod`
- `grailsWebRequest`
- `SpringSecurityFilterChain`
(configurable via the plugin)
 - Virtual Filter Chain
- `sitemesh` (`GrailsPageFilter`)
- `urlMapping`

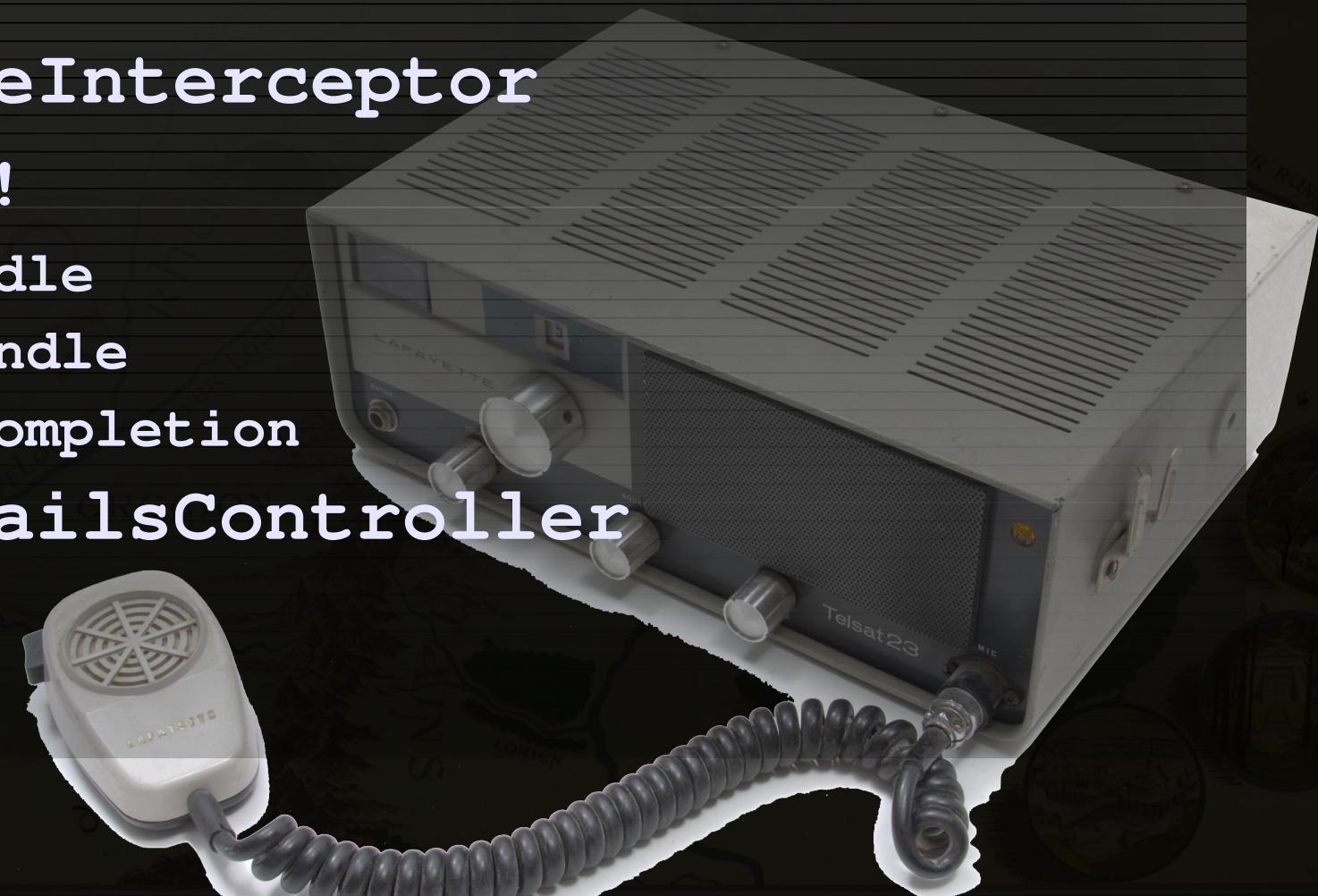
ApplicationFilterChain

- **SpringSecurityFilterChain** (configurable via the plugin)
 - **SecurityContextPersistenceFilter**
 - **MutableLogoutFilter**
 - **RequestHolderAuthenticationFilter**
 - **SecurityContextHolderAwareRequestFilter**
 - **RememberMeAuthenticationFilter**
 - **AnonymousAuthenticationFilter**
 - **ExceptionTranslationFilter**
 - **FilterSecurityInterceptor** (annotation, rules, etc.)



Application Dispatch

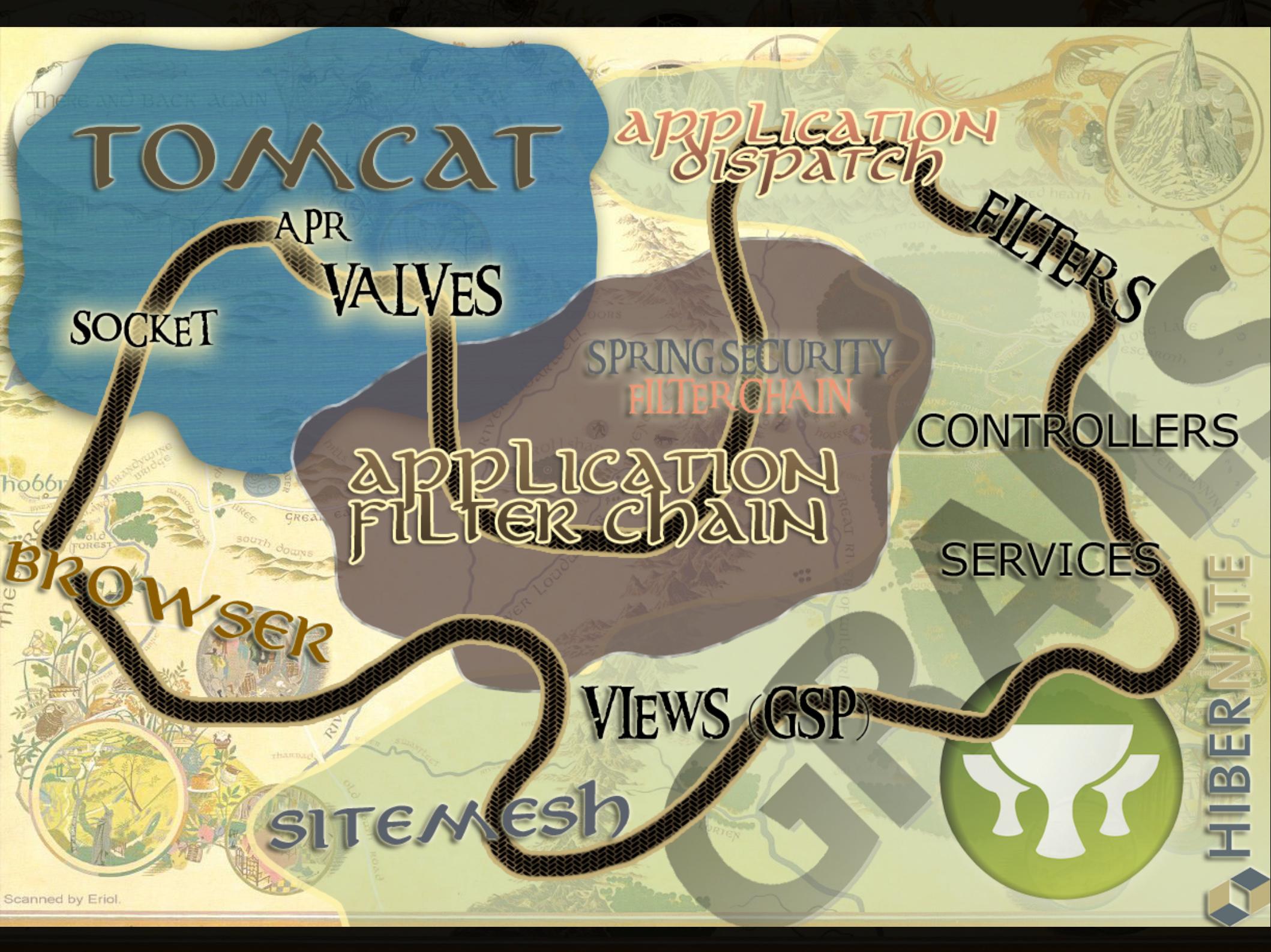
- **GrailsDispatcherServlet**
- **ModelAndView**
- **CompositeInterceptor**
 - **Filters!**
 - `preHandle`
 - `postHandle`
 - `afterCompletion`
- **SimpleGrailsController**



Application Dispatch

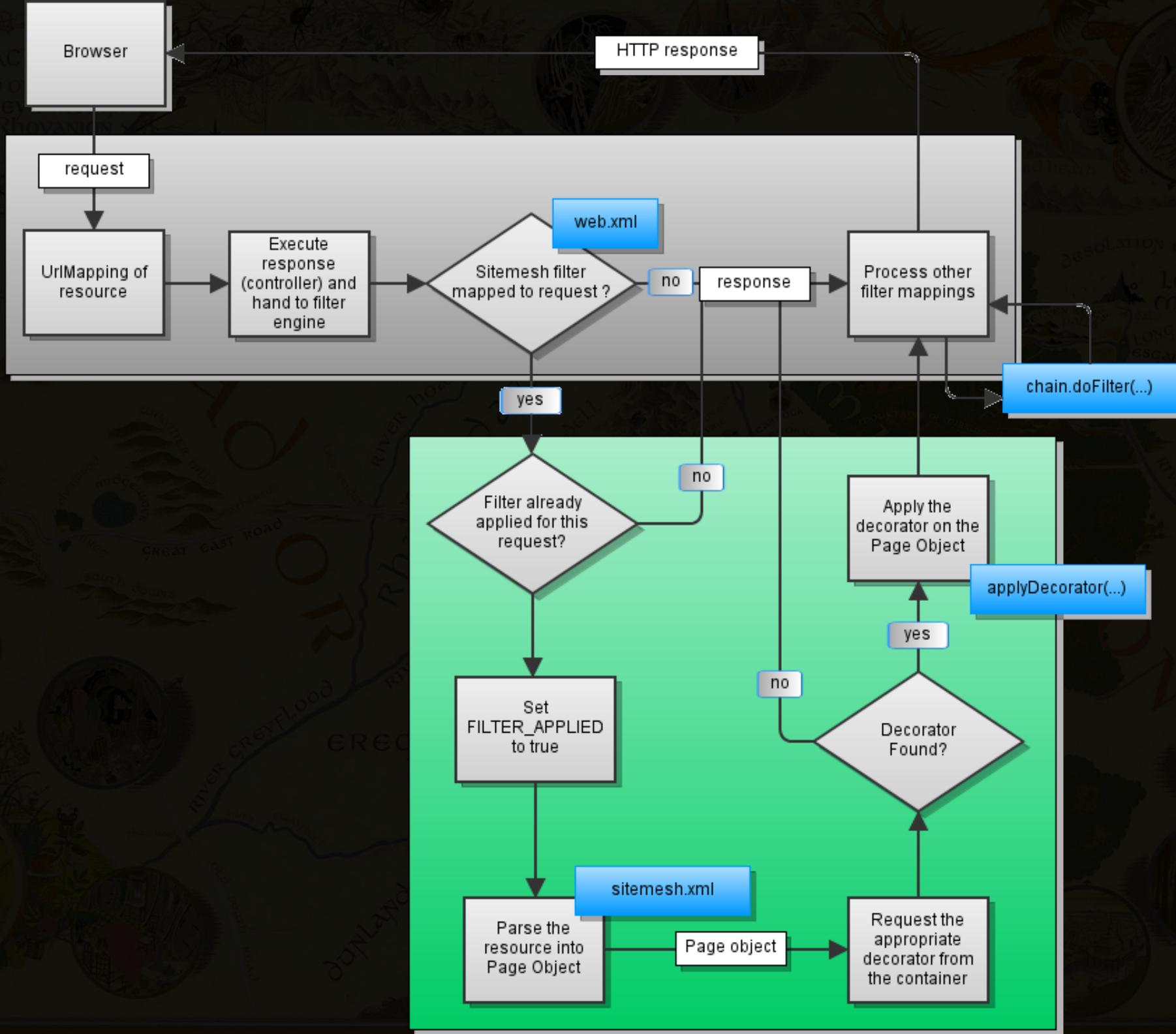
- **GrailsDispatcherServlet**
- **SimpleGrailsController**
- **Conventions**
 - **Services**
 - **Hibernate / GORM**
 - **Etc.**

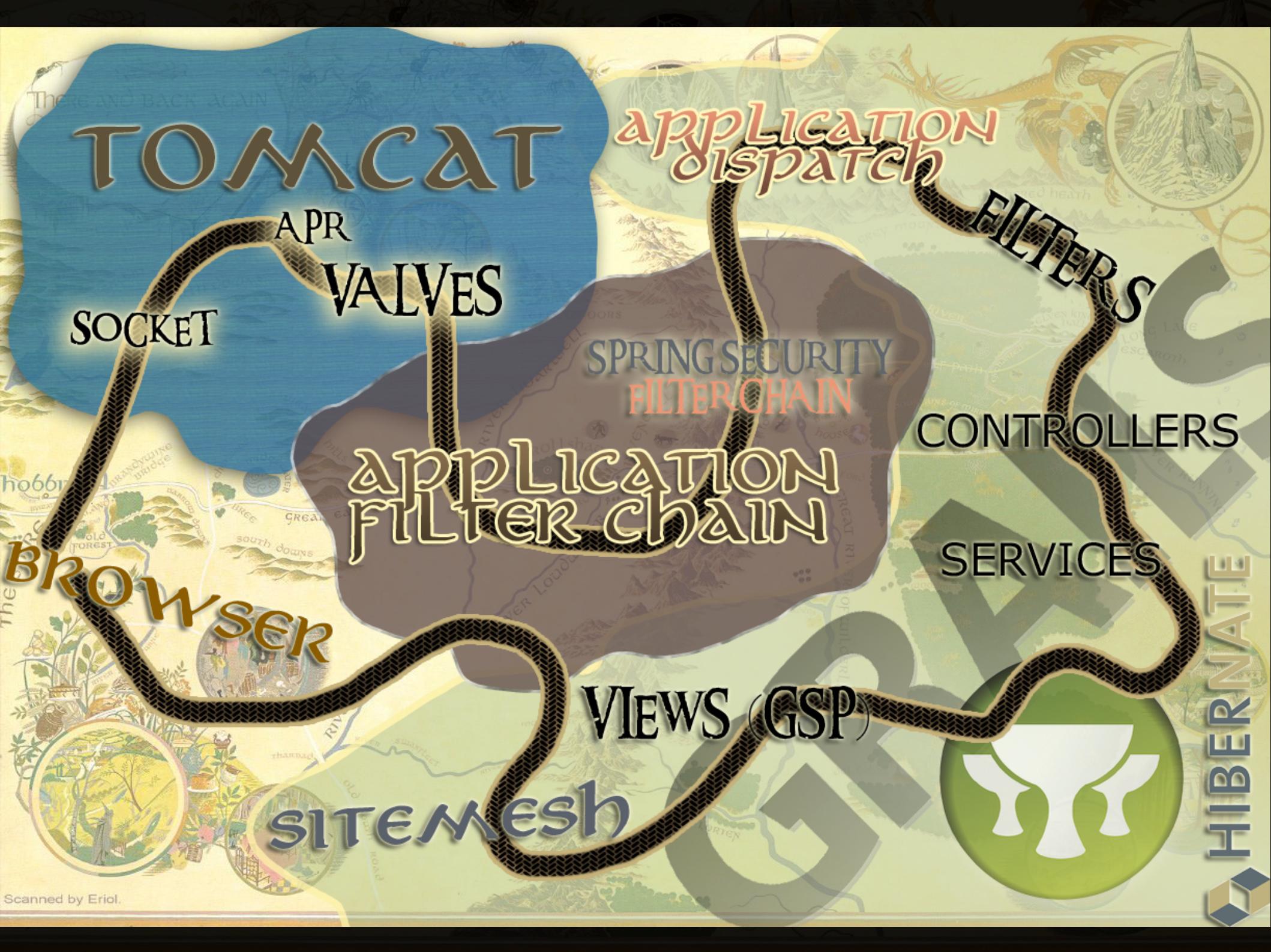




Views & layout

- GroovyPagesServlet
- Resolving Views
 - DispatchServlet
 - GrailsViewResolver
- GrailsPageView
- Sitemesh Processing





HERE AND BACK AGAIN
A MAP OF
LBO'S JOURNEY THROUGH
MIDDLE-EARTH

Thank you



Credits

- <http://community.imaginefx.com/forums/storage/41/106334/3%20trolls.jpg>
- <http://ctsling.com/Photos/chain/chain%201.jpg>
- <http://image.made-in-china.com/2f0j00ZevTWYqGHtVA/API-Casting-Globe-Valve.jpg>
- <http://en.wikipedia.org/wiki/File:Tomcat-logo.svg>
- <http://4.bp.blogspot.com/-9ix7IiU1zPs/TdvYzKZiiQI/AAAAAAAAdSI/q3C5kohTVKw/s1600/24gollumededlfeldt.jpg>
- <http://the-hobbitmovie.com/wp-content/uploads/2010/12/hobbit-map.jpg>
- <http://www.gamereplays.org/community/uploads/post-64773-1179078881.jpg>
- <http://cdn2.screenjunkies.com/wp-content/uploads/images/2010/LOTR%2520Gandalf%25204.jpg>
- http://images.wikia.com/childrensbooks/images/6/6e/One_Ring.png
- <http://www.comingsoon.net/nextraimages/hobbitdwarveslarge.jpg>
- <http://static.tumblr.com/elmigy1/Npylfcz3n/the-hobbit.jpg>
- <http://this-world-is.boldlygoingnowhere.org/andinet/wordpress/wp-content/gallery/smaug/smaug-2.jpg>
- <http://img-fan.theonering.net/rolozo/images/baker/sting.jpg>
- <http://www.theonering.com/images2-404/SamandShelob>
- <http://www.lotrmorpg.com/maps/rivendale.jpg>
- https://www.buybunn.com/media/catalog/product/cache/1/image/9df78eab33525d08d6e5fb8d27136e95/p/a/paper_filters_1.jpg
- http://www.thespecialistsltd.com/files/Retro_Dispatch_Radio.jpg
- <http://world-the.com/wp-content/uploads/2011/07/View-From-Diamond-Head-Oahu-Hawaii.jpg>