Spring Security AppInfo Plugin - Reference Documentation

Authors: Burt Beckwith

Version: 3.0.0.M1

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1 Introduction to the Spring Security AppInfo Plugin

The Spring Security AppInfo plugin provides a UI to inspect your security configuration.

> ⚠ If you already have the spring-security-ui plugin installed you shouldn't install this plugin, sin
> its own for users who want this information but not the entire UI plugin.

Release History

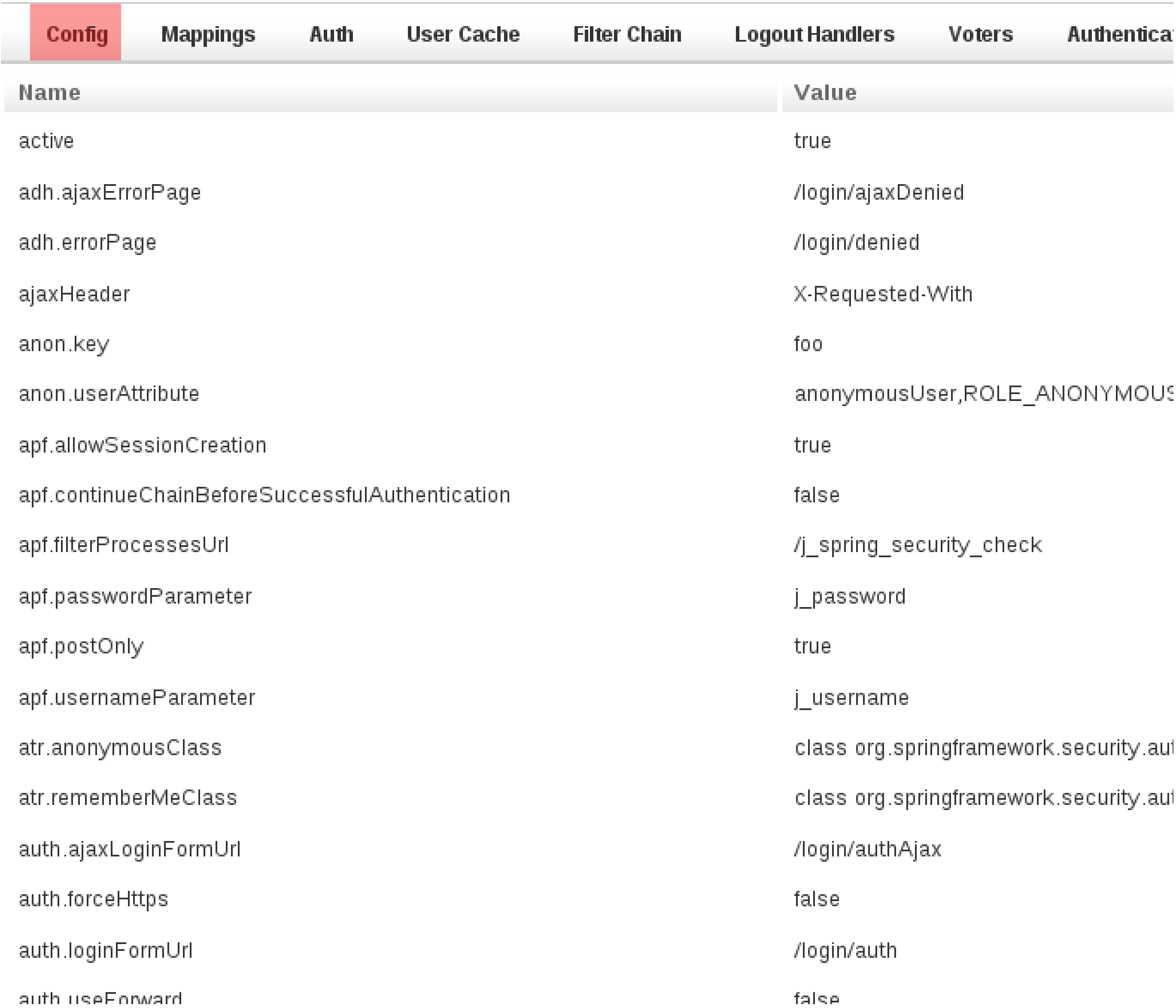
- August 16, 2015
  - 3.0.0.M1 release
- October 5, 2013
  - 2.0-RC2 release
- February 13, 2010
  - initial 1.0 release

2 Security Configuration UI

The plugin has one controller (`SecurityInfoController.groovy`) and is available by navigating t

Configuration

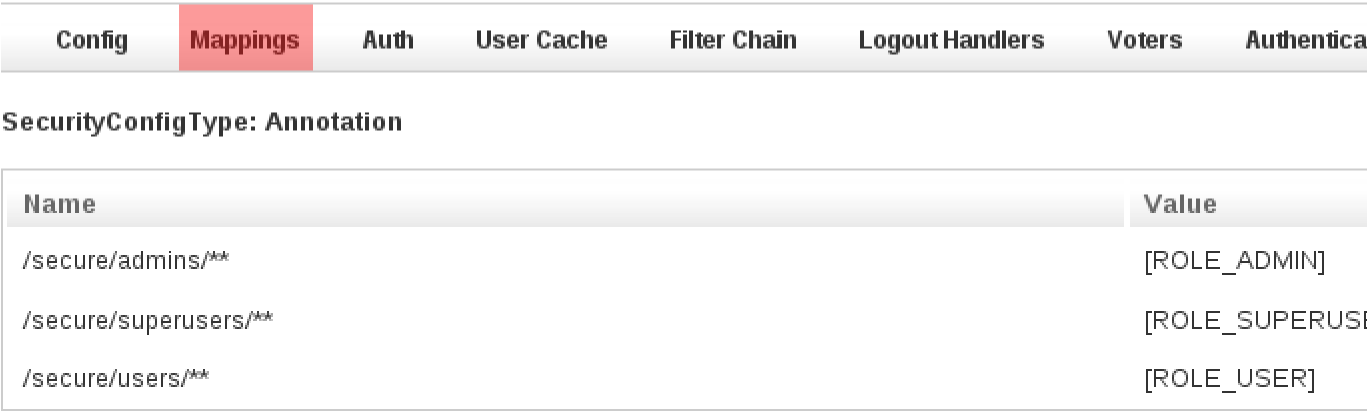
The Configuration menu item displays all security-related attributes in `grails-app` `grails.plugin.springsecurity` prefix:



Name	Value
active	true
adh.ajaxErrorPage	/login/ajaxDenied
adh.errorPage	/login/denied
ajaxHeader	X-Requested-With
anon.key	foo
anon.userAttribute	anonymousUser,ROLE_ANONYMOUS
apf.allowSessionCreation	true
apf.continueChainBeforeSuccessfulAuthentication	false
apf.filterProcessesUrl	/j_spring_security_check
apf.passwordParameter	j_password
apf.postOnly	true
apf.usernameParameter	j_username
atr.anonymousClass	class org.springframework.security.aut
atr.rememberMeClass	class org.springframework.security.aut
auth.ajaxLoginFormUrl	/login/authAjax
auth.forceHttps	false
auth.loginFormUrl	/login/auth
auth.useForward	false

Mappings

The Mappings menu item displays the current request mapping mode (Annotation, Requestmap, or Static)

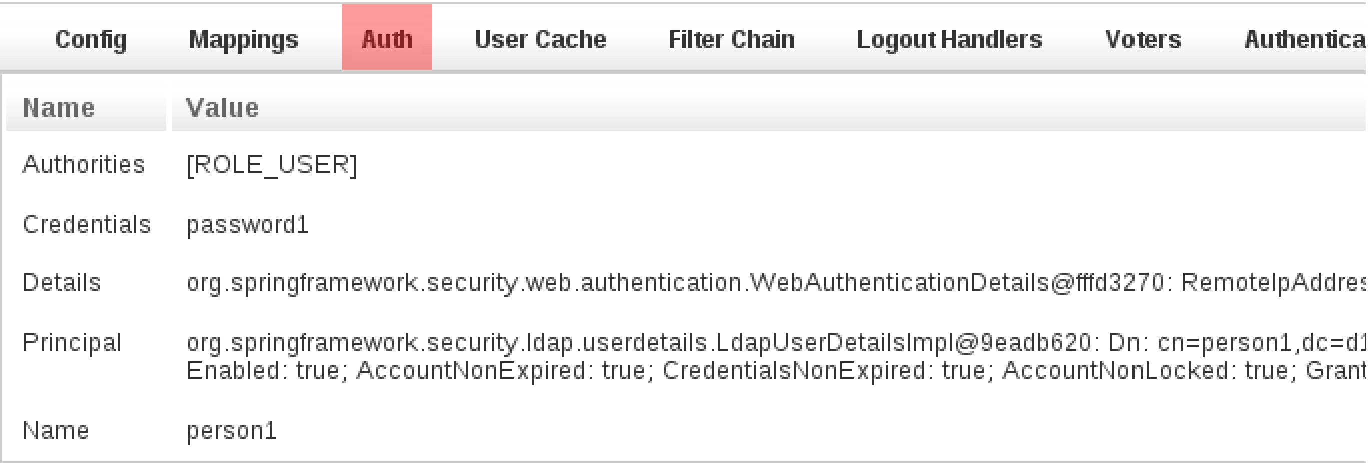


SecurityConfigType: Annotation

Name	Value
/secure/admins/**	[ROLE_ADMIN]
/secure/superusers/**	[ROLE_SUPERUSE
/secure/users/**	[ROLE_USER]

Current Authentication

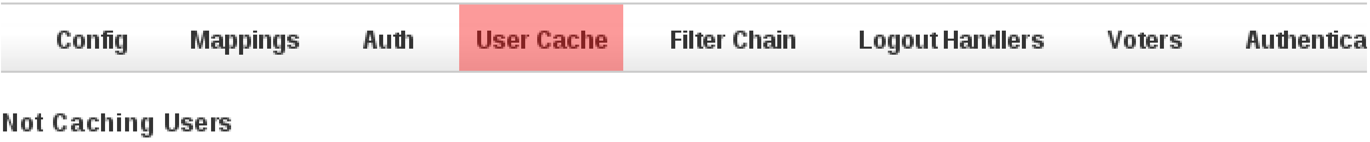
The Current Authentication menu item displays your `Authentication` information, mostly for referen



Name	Value
Authorities	[ROLE_USER]
Credentials	password1
Details	org.springframework.security.web.authentication.WebAuthenticationDetails@fffd3270: RemoteIpAddres
Principal	org.springframework.security.ldap.userdetails.LdapUserDetailsImpl@9eadb620: Dn: cn=person1,dc=d1 Enabled: true; AccountNonExpired: true; CredentialsNonExpired: true; AccountNonLocked: true; Grant
Name	person1

User Cache

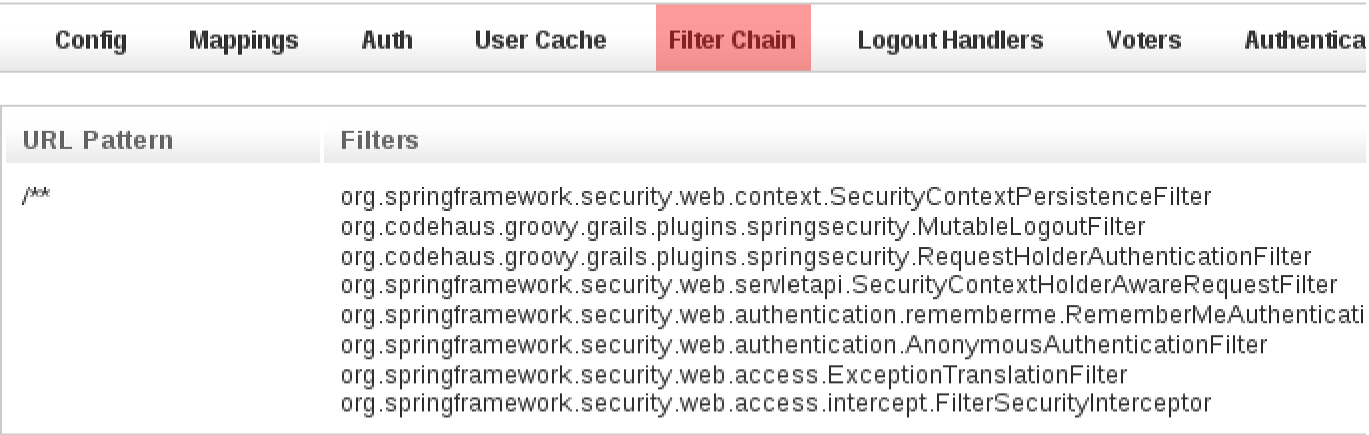
The User Cache menu item displays information about cached users (this feature is disabled by default):



Not Caching Users

Filter Chains

The Filter Chains menu item displays your configured Filter chains. Typically there is just one chain, appli

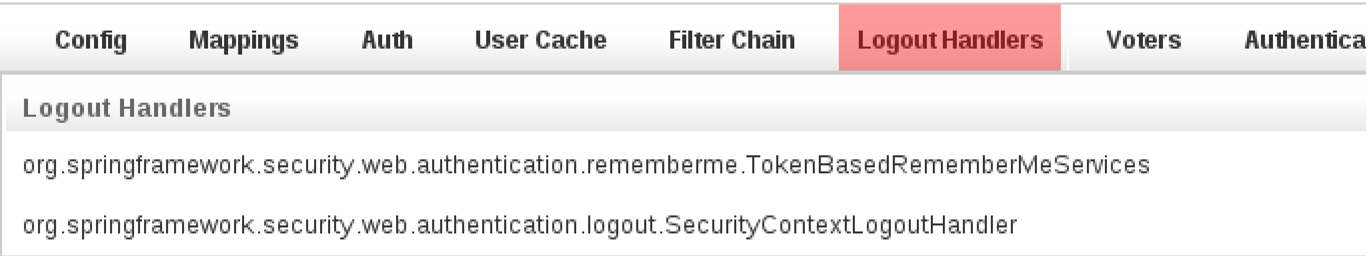


URL Pattern	Filters
/**	org.springframework.security.web.context.SecurityContextPersistenceFilter org.codehaus.groovy.grails.plugins.springsecurity.MutableLogoutFilter org.codehaus.groovy.grails.plugins.springsecurity.RequestHolderAuthenticationFilter org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter org.springframework.security.web.authentication.rememberme.RememberMeAuthenticati org.springframework.security.web.authentication.AnonymousAuthenticationFilter org.springframework.security.web.access.ExceptionTranslationFilter org.springframework.security.web.access.intercept.FilterSecurityInterceptor

It is possible to have multiple URL patterns each with its own filter chain, for example when using HTTP I

Logout Handlers

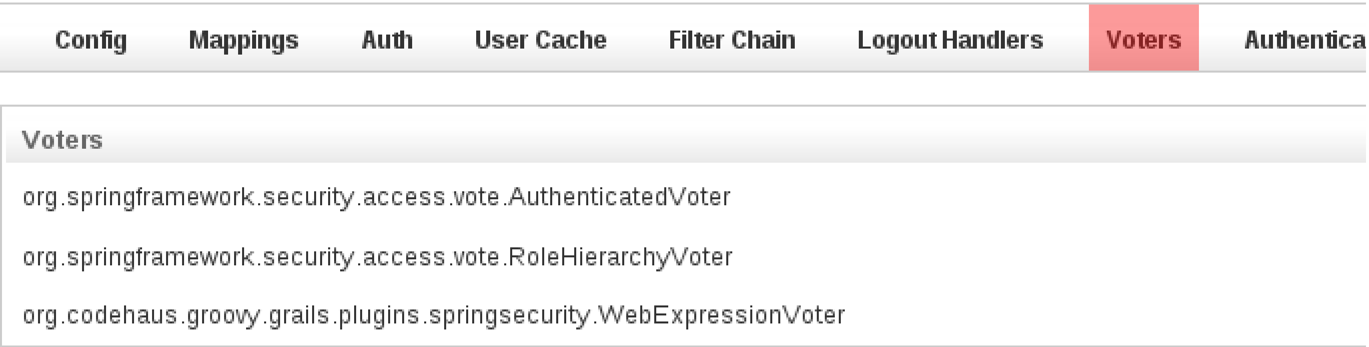
The Logout Handlers menu item displays your registered `LogoutHandlers`. Typically there will b implementations, or a plugin might contribute one or more:



Logout Handlers
org.springframework.security.web.authentication.rememberme.TokenBasedRememberMeServices
org.springframework.security.web.authentication.logout.SecurityContextLogoutHandler

Voters

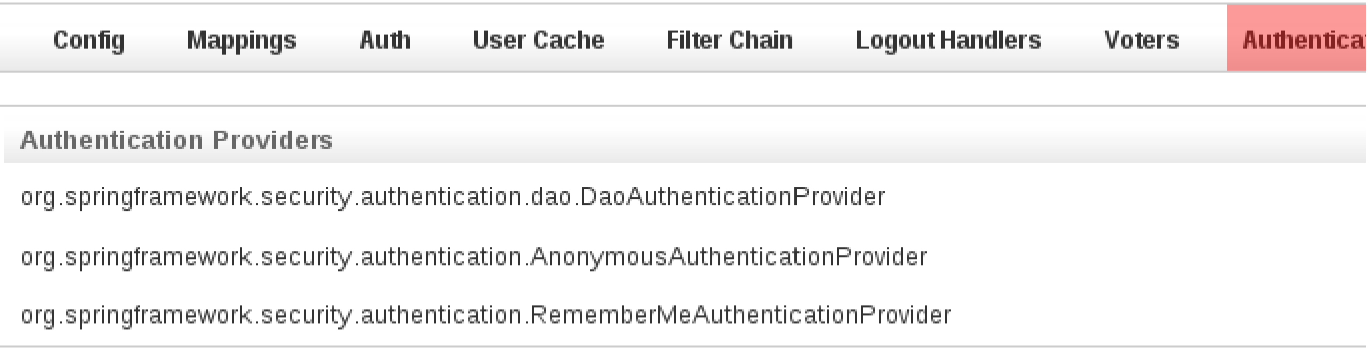
The Voters menu item displays your registered `AccessDecisionVoters`. Typically there will be implementations, or a plugin might contribute one or more:



Voters
org.springframework.security.access.vote.AuthenticatedVoter
org.springframework.security.access.vote.RoleHierarchyVoter
org.codehaus.groovy.grails.plugins.springsecurity.WebExpressionVoter

Authentication Providers

The Authentication Providers menu item displays your registered `AuthenticationProviders`. Typi own custom implementations, or a plugin (e.g. LDAP) might contribute one or more:



Authentication Providers

org.springframework.security.authentication.dao.DaoAuthenticationProvider

org.springframework.security.authentication.AnonymousAuthenticationProvider

org.springframework.security.authentication.RememberMeAuthenticationProvider

3 General Notes

Securing Access

Be sure to guard access to the `/securityInfo` url since only authorized users should have access to th in the `staticRules` property in `grails-app/conf/application.groovy`:

```
grails.plugin.springsecurity.controllerAnnotations.staticRules = [
   …
   '/securityinfo':    ['ROLE_ADMIN'],
   '/securityinfo/**': ['ROLE_ADMIN'],
   …
]
```

If you use database Requestmaps, create new ones:

```
new Requestmap(url: '/securityinfo', configAttribute: 'ROLE_ADMIN').save()
new Requestmap(url: '/securityinfo.*', configAttribute: 'ROLE_ADMIN').save()
new Requestmap(url: '/securityinfo/**', configAttribute: 'ROLE_ADMIN').save()
```

And if you use the `interceptUrlMap` approach, add mappings to that property in `grails-app/con`

```
grails.plugin.springsecurity.interceptUrlMap = [
   …
   '/securityinfo':    ['ROLE_ADMIN'],
   '/securityinfo/**': ['ROLE_ADMIN'],
   …
]
```