

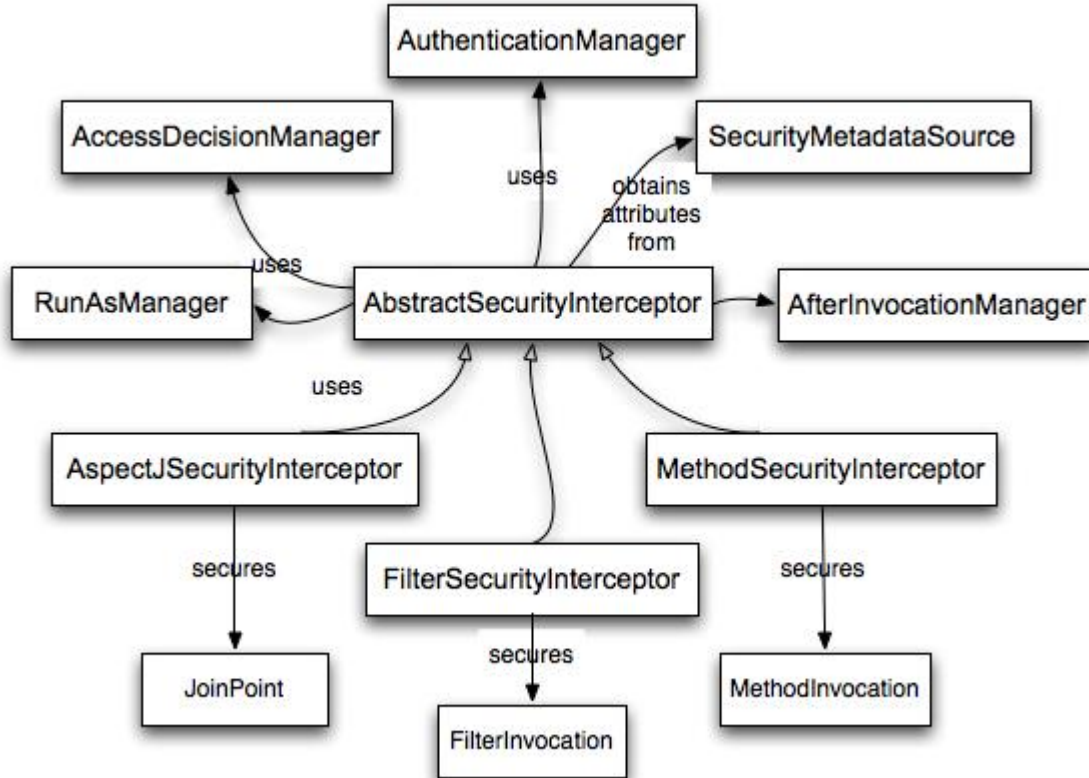


# SPRING SECURITY

**SECURITY NAMESPACE**

MARCH, 2015

# SPRING SECURITY CONFIGURATION



# SECURITY NAMESPACE

```
<http>
  <intercept-url .../>
  <form-login .../>
  <port-mappings .../>
  <remember-me .../>
  <concurrency-control .../>
  <session-management .../>
  <logout .../>
  ...
</http>

<authentication-manager .../>

<global-method-security .../>
```

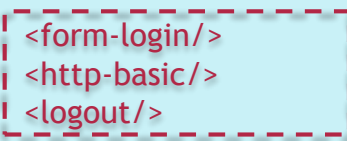
# NAMESPACE CONFIGURATION EXAMPLE

```
<beans xmlns="http://www.springframework.org/schema/beans"
  xmlns:security="http://www.springframework.org/schema/security"
  xsi:schemaLocation="http://www.springframework.org/schema/beans
    http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
    http://www.springframework.org/schema/security
    http://www.springframework.org/schema/security/spring-security-3.0.3.xsd">

  <http auto-config="true">
    <intercept-url pattern="/css/**" filters="none"/>
    <intercept-url pattern="/login.jsp*" filters="none"/>
    <intercept-url pattern="/**" access="ROLE_USER" />
  </http>

  <authentication-manager>
    <authentication-provider>
      <user-service>
        <user name="jimi" password="jimispassword" authorities="ROLE_USER, ROLE_ADMIN" />
        <user name="bob" password="bobspassword" authorities="ROLE_USER" />
      </user-service>
    </authentication-provider>
  </authentication-manager>

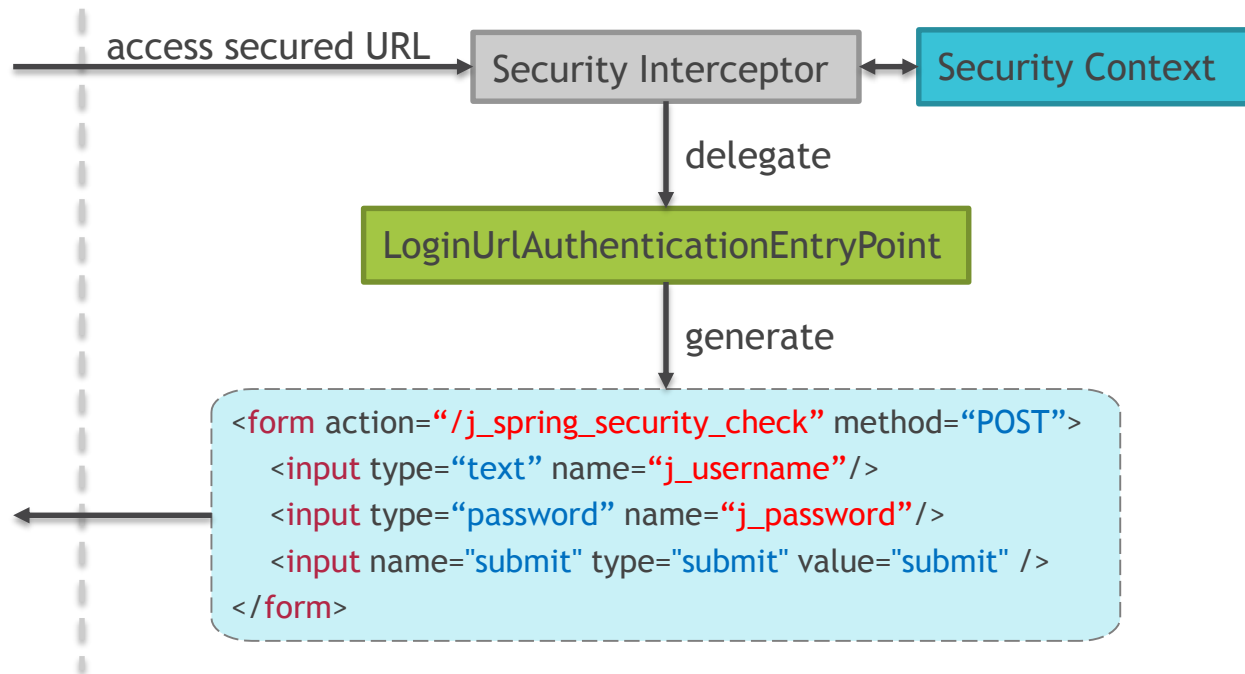
</beans>
```



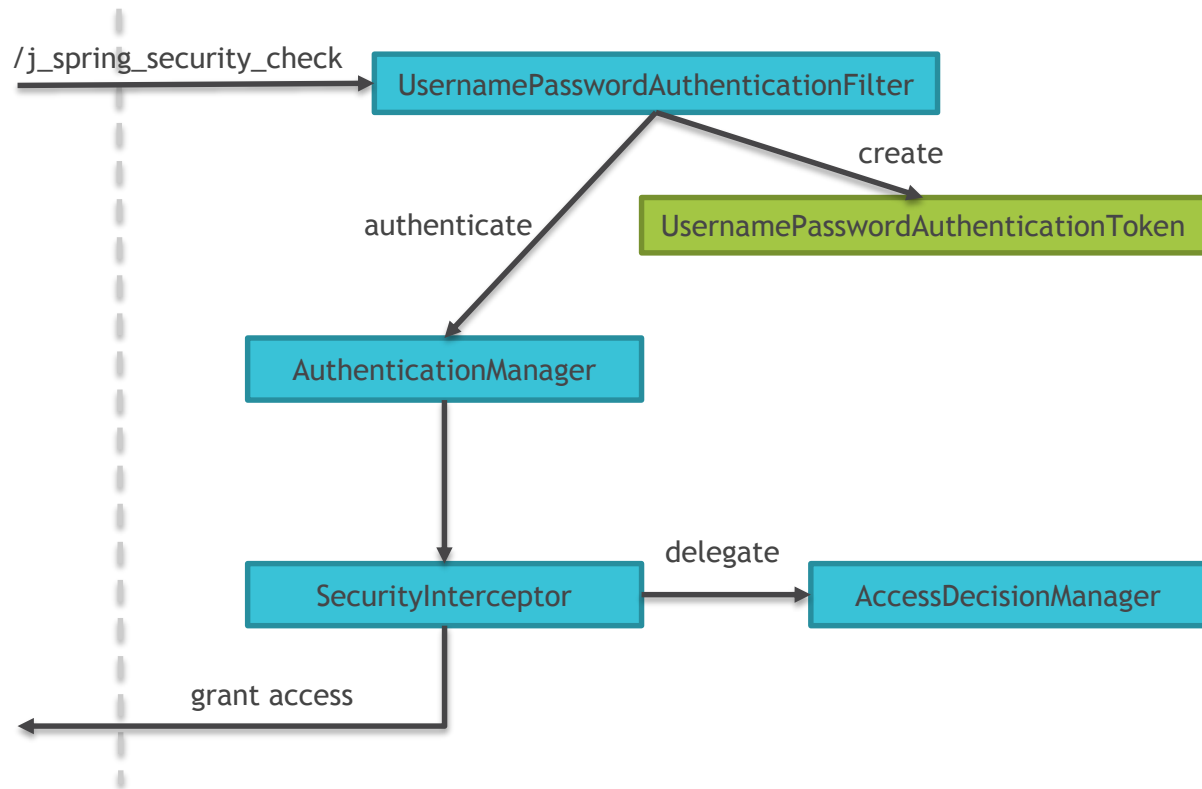
A dashed red arrow points from the `<http>` and `<authentication-manager>` sections of the XML to a dashed red box containing the following elements:

```
<form-login/>
<http-basic/>
<logout/>
```

# FORM BASED AUTHENTICATION



# LOGIN PROCESSING



# SECURE CHANNEL CONFIGURATION

```
<http>  
  <intercept-url pattern="/secure/**" access="ROLE_USER"  
    requires-channel="https"/>  
  <intercept-url pattern="/**" access="ROLE_USER"  
    requires-channel="any"/>  
  
  <port-mappings>  
    <port-mapping http="9080" https="9443"/>  
  </port-mappings>  
</http>
```



# THANK YOU!

**MAKSYM\_GOVORISCHEV@EPAM.COM**

MARCH, 2015