


# GettingStarted

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## Maven Coordinates

 Work in progress

### Add Shibboleth repositories to your POM

#### Shibboleth Maven repositories

```
<repositories>
  <repository>
    <id>shibboleth</id>
    <url>https://build.shibboleth.net/nexus/content/groups/public</url>
  </repository>
</repositories>
```

### Example : Add IdP dependencies to your POM

#### Example attribute resolver dependency

```
<properties>
  <idp.version>3.2.1</idp.version>
</properties>

<dependencies>
  <dependency>
    <groupId>net.shibboleth.idp</groupId>
    <artifactId>idp-attribute-resolver-api</artifactId>
    <version>${idp.version}</version>
  </dependency>
</dependencies>
```

### Example : Add OpenSAML dependencies to your POM

#### Example OpenSAML SAML API dependency

```
<properties>
  <opensaml.version>3.2.0</opensaml.version>
</properties>

<dependencies>
  <dependency>
    <groupId>org.opensaml</groupId>
    <artifactId>opensaml-saml-api</artifactId>
    <version>${opensaml.version}</version>
  </dependency>
</dependencies>
```

## Example : Add utility dependencies to your POM

### Example java-support and spring-extensions dependencies

```
<properties>
  <java-support.version>7.2.0</java-support.version>
  <spring-extensions.version>5.2.0</spring-extensions.version>
</properties>

<dependencies>
  <dependency>
    <groupId>net.shibboleth.utilities</groupId>
    <artifactId>java-support</artifactId>
    <version>${java-support.version}</version>
  </dependency>
  <dependency>
    <groupId>net.shibboleth.ext</groupId>
    <artifactId>spring-extensions</artifactId>
    <version>${spring-extensions.version}</version>
  </dependency>
</dependencies>
```

## Example : Validate dependencies

TODO