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Other developers who have contributed code are:

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1.43 converter-moshi 2.4.0

1.44 Data Mapper for Jackson 1.9.2

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== Jackson Json-processor ==
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from:
http://jackson.codehaus.org/
which also has links to support forums such as mailing lists, as well
as links to obtain source code and binary artifacts.
=== Functionality ===
Jackson implements functionality for:
* Reading (parsing) and writing (generation) of Json content
* Data-binding (data-mapping, [de-]serialization) support to
allow for converting between Json and Java objects
* Support for converting to/from other data formats and access APIs,
to improve interoperability.
=== Requirements ===
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to support other non-standard platforms as well.
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*

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1.61 guava-25.0 25.0

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Doug Lea

1.62 Hamcrest Core 1.3

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1.63 HdrHistogram 2.1.9

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```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
k rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
k rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
< link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
k rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
k rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
k rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
```

```
<title>Apache License, Version 2.0</title>
link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
link href="/css/min.bootstrap.css" rel="stylesheet">
link href="/css/styles.css" rel="stylesheet">
```

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```
</head>
<body>
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
 <div class="container">
  <div class="navbar-header">
   <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
   </button>
   <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
  <div class="collapse navbar-collapse" id="mainnav-collapse">
   <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a</pre>
href="/licenses/">Licenses</a></div>
   cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
    <a href="/foundation">Overview</a>
    <a href="/foundation/members.html">Members</a>
    <a href="/foundation/how-it-works.html">Process</a>
    <a href="/foundation/sponsorship.html">Sponsorship</a>
    <a href="/foundation/glossary.html">Glossary</a>
    <a href="/foundation/preFAQ.html">FAQ</a>
    <a href="/foundation/contact.html">Contact</a>
```

```
<a href="/index.html#projects-list">Projects</a>
     cli class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
          <a href="http://people.apache.org/">Overview</a>
       <a href="http://people.apache.org/committer-index.html">Committers</a>
       <a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a>
       <a href="/foundation/how-it-works.html#roles">Roles</a>
       <a href="http://planet.apache.org/">Planet Apache</a>
          cli class="dropdown">
           <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
           <a href="/foundation/getinvolved.html">Overview</a>
         <a href="http://community.apache.org/">Community Development</a>
                    <a href="http://helpwanted.apache.org/">Help Wanted</a>
         <a href="http://www.apachecon.com/">ApacheCon</a>
           <a href="/dyn/closer.cgi">Download</a>
         cli class="dropdown">
          <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
          <a href="/foundation/sponsorship.html">Sponsorship</a>
         <a href="/foundation/contributing.html">Donations</a>
         <a href="/foundation/buy stuff.html">Buy Stuff</a>
         <a href="/foundation/thanks.html">Thanks</a>
          </div>
   </div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
       <div class="col-md-6 col-sm-5 col-xs-12">
     <img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
   </div>
   <div class="col-md-3 col-sm-3 col-xs-6">
   <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
     <img src="/images/SupportApache-small.png" style="height: 150px; width: 150px; margin-top: 5px; margin-to
bottom: 5px;">
```

```
</a>
  </div>
  <div class="col-md-3 col-sm-4 col-xs-6">
   <div class="input-group" style="margin-bottom: 5px;">
  <script>
(function() {
 var cx = '005703438322411770421:5mgshgrgx2u';
 var gcse = document.createElement('script');
 gcse.type = 'text/javascript';
 gcse.async = true;
 gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
    '//cse.google.com/cse.js?cx=' + cx;
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
 </div>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
 <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
 </div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
 It was originally lifted from http://subversion.apache.org/style/site.css */
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
.headerlink, .elementid-permalink {
visibility: hidden;
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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```
</div></div>
<!-- Footer -->
<footer class="bg-primary">
<div class="container">
 <div class="row">
  <br/>hr />
  <div class="col-sm-1">
  </div>
  <div class="col-sm-2">
     <h5 class="white">Community</h5>
     <a href="http://community.apache.org/">Overview</a>
  <a href="/foundation/conferences.html">Conferences</a>
  <a href="http://community.apache.org/gsoc.html">Summer of Code</a>
  <a href="http://community.apache.org/newcomers/">Getting Started</a>
  <a href="/foundation/how-it-works.html">The Apache Way</a>
  <a href="/travel/">Travel Assistance</a>
  <a href="/foundation/getinvolved.html">Get Involved</a>
  <a href="http://community.apache.org/newbiefaq.html">Community FAQ</a>
  <a href="/memorials/">Memorials</a>
     </div>
```

<div class="col-sm-2">

```
<h5 class="white">Innovation</h5>
   <a href="http://incubator.apache.org/">Incubator</a>
<a href="http://labs.apache.org/">Labs</a>
<a href="/licenses/">Licensing</a>
<a href="/foundation/license-faq.html">Licensing FAQ</a>
<a href="/foundation/marks/">Trademark Policy</a>
<a href="/foundation/contact.html">Contacts</a>
   </div>
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <a href="/dev/">Developer Information</a>
 <a href="/dev/infrastructure.html">Infrastructure</a>
 <a href="/security/">Security</a>
 <a href="http://status.apache.org">Status</a>
 <a href="/foundation/contact.html">Contacts</a>
  </div>
<div class="col-sm-2">
<h5 class="white">Press</h5>
 <a href="/press/">Overview</a>
<a href="https://blogs.apache.org/">ASF News</a>
<a href="https://blogs.apache.org/foundation/">Announcements</a>
<a href="https://twitter.com/TheASF">Twitter Feed</a>
<a href="/press/#contact">Contacts</a>
 </div>
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<a href="/licenses/">Licenses</a>
<a href="/foundation/marks/">Trademark Policy</a>
<a href="/foundation/records/">Public Records</a>
   <a href="/foundation/policies/privacy.html">Privacy Policy</a>
<a href="/licenses/exports/">Export Information</a>
<a href="/foundation/license-faq.html">License/Distribution FAQ</a>
<a href="/foundation/contact.html">Contacts</a>
 </div>
<div class="col-sm-1">
```

```
</div>
 </div>
 <hr class="col-lg-12 hr-white"/>
 <div class="row">
  <div class="col-lg-12">
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<script src="/js/bootstrap.js"></script>
</body>
</html>
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1.64 Hibernate Validator Engine 5.0.1.Final

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1.77 influxdb-java 2.10

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1.81 jackson-core-asl 1.9.13

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That's all there is to it!

```
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```

*

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1.101 javax.ws.rs-api 2.1

1.102 JAX-RS provider for JSON content type

1.9.2

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== Jackson Json-processor ==

This is the Jackson Json-processor package. Project home page can be found from:

http://jackson.codehaus.org/

which also has links to support forums such as mailing lists, as well as links to obtain source code and binary artifacts.

=== Functionality ===

Jackson implements functionality for:

- * Reading (parsing) and writing (generation) of Json content
- * Data-binding (data-mapping, [de-]serialization) support to allow for converting between Json and Java objects
- * Support for converting to/from other data formats and access APIs, to improve interoperability.

```
=== Requirements ===
```

Jackson can be used on standard J2SE 1.5 platform. Some effort is made to support other non-standard platforms as well.

```
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1.122 jetty-servlets 9.4.11.v20180605

1.123 jetty-util 9.4.11.v20180605

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1.130 joda-time 2.8.2

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package org.slf4j;
import org.slf4j.helpers.BasicMarkerFactory;
import org.slf4j.helpers.Util;
import org.slf4j.impl.StaticMarkerBinder;
/**
* MarkerFactory is a utility class producing {@link Marker} instances as
* appropriate for the logging system currently in use.
* 
* This class is essentially implemented as a wrapper around an
* {@link IMarkerFactory} instance bound at compile time.
* Please note that all methods in this class are static.
* @author Ceki Gülcü
public class MarkerFactory {
static IMarkerFactory markerFactory;
private MarkerFactory() {
}
static {
  markerFactory = StaticMarkerBinder.SINGLETON.getMarkerFactory();
 } catch (NoClassDefFoundError e) {
  markerFactory = new BasicMarkerFactory();
```

```
} catch (Exception e) {
 // we should never get here
  Util.report("Unexpected failure while binding MarkerFactory", e);
}
* Return a Marker instance as specified by the name parameter using the
* previously bound {@link IMarkerFactory}instance.
* @param name
       The name of the {@link Marker} object to return.
* @return marker
public static Marker getMarker(String name) {
 return markerFactory.getMarker(name);
}
* Create a marker which is detached (even at birth) from the MarkerFactory.
* @param name the name of the marker
* @return a dangling marker
* @since 1.5.1
public static Marker getDetachedMarker(String name) {
 return markerFactory.getDetachedMarker(name);
}
* Return the {@link IMarkerFactory}instance in use.
* The IMarkerFactory instance is usually bound with this class at
* compile time.
* @return the IMarkerFactory instance in use
public static IMarkerFactory getIMarkerFactory() {
 return markerFactory;
```

1.174 snakeyaml 1.17

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1.185 spring-boot-starter 1.5.14.RELEASE

1.186 spring-boot-starter-logging

1.5.14.RELEASE

1.187 spring-boot-starter-web

1.5.14.RELEASE

1.188 spring-cloud-commons 1.2.2.RELEASE

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1.189 spring-cloud-consul-config 1.2.1.RELEASE

1.189.1 Available under license:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
k rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
k rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
k rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
k rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
< link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
k rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
k rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
k rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
k rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
<title>Apache License, Version 2.0</title>
k ref='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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```
</head>
```

<body>

```
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
 <div class="container">
  <div class="navbar-header">
   <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
   </button>
   <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
  </div>
  <div class="collapse navbar-collapse" id="mainnav-collapse">
   <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a</pre>
href="/licenses/">Licenses</a></div>
   cli class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
    <a href="/foundation">Overview</a>
    <a href="/foundation/members.html">Members</a>
    <a href="/foundation/how-it-works.html">Process</a>
    <a href="/foundation/sponsorship.html">Sponsorship</a>
    <a href="/foundation/glossary.html">Glossary</a>
    <a href="/foundation/preFAQ.html">FAQ</a>
    <a href="/foundation/contact.html">Contact</a>
    <a href="/index.html#projects-list">Projects</a>
  cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
     <a href="http://people.apache.org/">Overview</a>
   <a href="http://people.apache.org/committer-index.html">Committers</a>
   <a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a>
   <a href="/foundation/how-it-works.html#roles">Roles</a>
   <a href="http://planet.apache.org/">Planet Apache</a>
    cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
     <a href="/foundation/getinvolved.html">Overview</a>
    <a href="http://community.apache.org/">Community Development</a>
         <a href="http://helpwanted.apache.org/">Help Wanted</a>
    <a href="http://www.apachecon.com/">ApacheCon</a>
```

```
<a href="/dyn/closer.cgi">Download</a>
     cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
     <a href="/foundation/sponsorship.html">Sponsorship</a>
     <a href="/foundation/contributing.html">Donations</a>
     <a href="/foundation/buy stuff.html">Buy Stuff</a>
     <a href="/foundation/thanks.html">Thanks</a>
     </div>
 </div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
    <div class="col-md-6 col-sm-5 col-xs-12">
  <img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
 </div>
  <div class="col-md-3 col-sm-3 col-xs-6">
 <a href="http://apache.org/foundation/contributing.html" title="Support Apache">
  <img src="/images/SupportApache-small.png" style="height: 150px; width: 150px; margin-top: 5px; margin-
bottom: 5px;">
  </a>
  </div>
 <div class="col-md-3 col-sm-4 col-xs-6">
  <div class="input-group" style="margin-bottom: 5px;">
  <script>
(function() {
 var cx = '005703438322411770421:5mgshgrgx2u';
 var gcse = document.createElement('script');
 gcse.type = 'text/javascript';
 gcse.async = true;
 gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
   '//cse.google.com/cse.js?cx=' + cx;
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(gcse, s);
})();
  <gcse:searchbox-only></gcse:searchbox-only>
 </div>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
```

```
href="https://community.apache.org/contributors/">Contribute</a>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
 </div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx elementid.py
 It was originally lifted from http://subversion.apache.org/style/site.css */
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
visibility: hidden;
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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```
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</div></div>
<!-- Footer -->
<footer class="bg-primary">
<div class="container">
 <div class="row">
 <br/>>
  <div class="col-sm-1">
 </div>
  <div class="col-sm-2">
     <h5 class="white">Community</h5>
     <a href="http://community.apache.org/">Overview</a>
  <a href="/foundation/conferences.html">Conferences</a>
  <a href="http://community.apache.org/gsoc.html">Summer of Code</a>
  <a href="http://community.apache.org/newcomers/">Getting Started</a>
  <a href="/foundation/how-it-works.html">The Apache Way</a>
  <a href="/travel/">Travel Assistance</a>
  <a href="/foundation/getinvolved.html">Get Involved</a>
  <a href="http://community.apache.org/newbiefaq.html">Community FAQ</a>
  <a href="/memorials/">Memorials</a>
     </div>
  <div class="col-sm-2">
  <h5 class="white">Innovation</h5>
     <a href="http://incubator.apache.org/">Incubator</a>
  <a href="http://labs.apache.org/">Labs</a>
  <a href="/licenses/">Licensing</a>
  <a href="/foundation/license-faq.html">Licensing FAQ</a>
  <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/contact.html">Contacts</a>
     </111>
  </div>
  <div class="col-sm-2">
  <h5 class="white">Tech Operations</h5>
    <a href="/dev/">Developer Information</a>
   <a href="/dev/infrastructure.html">Infrastructure</a>
   <a href="/security/">Security</a>
   <a href="http://status.apache.org">Status</a>
   <a href="/foundation/contact.html">Contacts</a>
```

```
</div>
  <div class="col-sm-2">
  <h5 class="white">Press</h5>
   <a href="/press/">Overview</a>
  <a href="https://blogs.apache.org/">ASF News</a>
  <a href="https://blogs.apache.org/foundation/">Announcements</a>
  <a href="https://twitter.com/TheASF">Twitter Feed</a>
  <a href="/press/#contact">Contacts</a>
   </div>
  <div class="col-sm-2">
  <h5 class="white">Legal</h5>
   <a href="/legal/">Legal Affairs</a>
  <a href="/licenses/">Licenses</a>
  <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/records/">Public Records</a>
     <a href="/foundation/policies/privacy.html">Privacy Policy</a>
  <a href="/licenses/exports/">Export Information</a>
  <a href="/foundation/license-faq.html">License/Distribution FAQ</a>
  <a href="/foundation/contact.html">Contacts</a>
   </div>
  <div class="col-sm-1">
  </div>
 </div>
 <hr class="col-lg-12 hr-white"/>
 <div class="row">
 <div class="col-lg-12">
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Foundation.
  </div>
 </div>
 </div>
</footer>
<!-- / Footer -->
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
```

1.190 spring-cloud-consul-core 1.2.1.RELEASE

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1.191 spring-cloud-context 1.2.2.RELEASE

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1.192 spring-cloud-starter-consul 1.2.1.RELEASE

1.192.1 Available under license:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
k rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
k rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
k rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
k rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
< link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
k rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
k rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
k rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
k rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
<title>Apache License, Version 2.0</title>
k ref='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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</head>

<body>

```
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
 <div class="container">
  <div class="navbar-header">
   <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
   </button>
   <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
  </div>
  <div class="collapse navbar-collapse" id="mainnav-collapse">
   <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a</pre>
href="/licenses/">Licenses</a></div>
   cli class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
    <a href="/foundation">Overview</a>
    <a href="/foundation/members.html">Members</a>
    <a href="/foundation/how-it-works.html">Process</a>
    <a href="/foundation/sponsorship.html">Sponsorship</a>
    <a href="/foundation/glossary.html">Glossary</a>
    <a href="/foundation/preFAQ.html">FAQ</a>
    <a href="/foundation/contact.html">Contact</a>
    <a href="/index.html#projects-list">Projects</a>
  cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
     <a href="http://people.apache.org/">Overview</a>
   <a href="http://people.apache.org/committer-index.html">Committers</a>
   <a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a>
   <a href="/foundation/how-it-works.html#roles">Roles</a>
   <a href="http://planet.apache.org/">Planet Apache</a>
    cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
     <a href="/foundation/getinvolved.html">Overview</a>
    <a href="http://community.apache.org/">Community Development</a>
         <a href="http://helpwanted.apache.org/">Help Wanted</a>
    <a href="http://www.apachecon.com/">ApacheCon</a>
```

```
<a href="/dyn/closer.cgi">Download</a>
     cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
     <a href="/foundation/sponsorship.html">Sponsorship</a>
     <a href="/foundation/contributing.html">Donations</a>
     <a href="/foundation/buy stuff.html">Buy Stuff</a>
     <a href="/foundation/thanks.html">Thanks</a>
     </div>
 </div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
 <div class="col-md-9 col-sm-8 col-xs-12">
  <img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
  </div>
  <div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
  <script>
(function() {
 var cx = '005703438322411770421:5mgshgrgx2u';
 var gcse = document.createElement('script');
 gcse.type = 'text/javascript';
 gcse.async = true;
 gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
   '//cse.google.com/cse.js?cx=' + cx;
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
 </div>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
 <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
 </div>
</div>
</div>
<div class="container"><style type="text/css">
```

```
/* The following code is added by mdx elementid.py
 It was originally lifted from http://subversion.apache.org/style/site.css */
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
visibility: hidden;
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
</div></div>
<!-- Footer -->
```

<footer class="bg-primary">

```
<div class="container">
<div class="row">
 <br/>>
 <div class="col-sm-1">
 </div>
 <div class="col-sm-2">
    <h5 class="white">Community</h5>
    <a href="http://community.apache.org/">Overview</a>
  <a href="/foundation/conferences.html">Conferences</a>
  <a href="http://community.apache.org/gsoc.html">Summer of Code</a>
  <a href="http://community.apache.org/newcomers/">Getting Started</a>
  <a href="/foundation/how-it-works.html">The Apache Way</a>
  <a href="/travel/">Travel Assistance</a>
  <a href="/foundation/getinvolved.html">Get Involved</a>
  <a href="http://community.apache.org/newbiefaq.html">Community FAQ</a>
  <a href="/memorials/">Memorials</a>
    </div>
 <div class="col-sm-2">
 <h5 class="white">Innovation</h5>
    <a href="http://incubator.apache.org/">Incubator</a>
  <a href="http://labs.apache.org/">Labs</a>
  <a href="/licenses/">Licensing</a>
  <a href="/foundation/license-faq.html">Licensing FAQ</a>
  <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/contact.html">Contacts</a>
    </div>
 <div class="col-sm-2">
 <h5 class="white">Tech Operations</h5>
    <a href="/dev/">Developer Information</a>
  <a href="/dev/infrastructure.html">Infrastructure</a>
  <a href="/security/">Security</a>
  <a href="http://status.apache.org">Status</a>
  <a href="/foundation/contact.html">Contacts</a>
    </div>
 <div class="col-sm-2">
 <h5 class="white">Press</h5>
   <a href="/press/">Overview</a>
```

```
<a href="https://blogs.apache.org/">ASF News</a>
  <a href="https://blogs.apache.org/foundation/">Announcements</a>
   <a href="https://twitter.com/TheASF">Twitter Feed</a>
  <a href="/press/#contact">Contacts</a>
   </div>
  <div class="col-sm-2">
  <h5 class="white">Legal</h5>
   <a href="/legal/">Legal Affairs</a>
   <a href="/licenses/">Licenses</a>
  <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/records/">Public Records</a>
     <a href="/foundation/policies/privacy.html">Privacy Policy</a>
  <a href="/licenses/exports/">Export Information</a>
  <a href="/foundation/license-faq.html">License/Distribution FAQ</a>
  <a href="/foundation/contact.html">Contacts</a>
    </div>
  <div class="col-sm-1">
 </div>
 </div>
 <hr class="col-lg-12 hr-white"/>
 <div class="row">
 <div class="col-lg-12">
  Copyright © 2016 The Apache Software Foundation, Licensed under the <a</pre>
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.
  Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.
 </div>
 </div>
 </div>
</footer>
<!-- / Footer -->
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
```

1.193 spring-cloud-starter-consul-config

1.2.1.RELEASE

1.193.1 Available under license:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
k rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
k rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
k rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
k rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
< link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
k rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
k rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
 "image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
k rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
<title>Apache License, Version 2.0</title>
k href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">
```

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```
</head>
<body>
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
 <div class="container">
  <div class="navbar-header">
   <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
   </button>
   <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
  </div>
  <div class="collapse navbar-collapse" id="mainnav-collapse">
   <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a</pre>
href="/licenses/">Licenses</a></div>
   cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
    <a href="/foundation">Overview</a>
    <a href="/foundation/members.html">Members</a>
    <a href="/foundation/how-it-works.html">Process</a>
    <a href="/foundation/sponsorship.html">Sponsorship</a>
    <a href="/foundation/glossary.html">Glossary</a>
    <a href="/foundation/preFAQ.html">FAQ</a>
    <a href="/foundation/contact.html">Contact</a>
     <a href="/index.html#projects-list">Projects</a>
  cli class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
     <a href="http://people.apache.org/">Overview</a>
   <a href="http://people.apache.org/committer-index.html">Committers</a>
   <a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a>
   <a href="/foundation/how-it-works.html#roles">Roles</a>
   <a href="http://planet.apache.org/">Planet Apache</a>
     cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
```

```
<a href="/foundation/getinvolved.html">Overview</a>
    <a href="http://community.apache.org/">Community Development</a>
          <a href="http://helpwanted.apache.org/">Help Wanted</a>
    <a href="http://www.apachecon.com/">ApacheCon</a>
     <a href="/dyn/closer.cgi">Download</a>
    cli class="dropdown">
     <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
     <a href="/foundation/sponsorship.html">Sponsorship</a>
    <a href="/foundation/contributing.html">Donations</a>
    <a href="/foundation/buy_stuff.html">Buy Stuff</a>
    <a href="/foundation/thanks.html">Thanks</a>
     </div>
 </div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
 <div class="col-md-9 col-sm-8 col-xs-12">
  <img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
 </div>
 <div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
  <script>
(function() {
 var cx = '005703438322411770421:5mgshgrgx2u';
 var gcse = document.createElement('script');
 gcse.type = 'text/javascript';
 gcse.async = true;
 gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
   '//cse.google.com/cse.js?cx=' + cx;
 var s = document.getElementsByTagName('script')[0];
 s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
 <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
 <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
```

```
<a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
 </div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
 It was originally lifted from http://subversion.apache.org/style/site.css */
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
.headerlink, .elementid-permalink {
visibility: hidden;
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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```
</div></div>
<!-- Footer -->
<footer class="bg-primary">
<div class="container">
 <div class="row">
 <br/>hr />
 <div class="col-sm-1">
 </div>
 <div class="col-sm-2">
    <h5 class="white">Community</h5>
    <a href="http://community.apache.org/">Overview</a>
  <a href="/foundation/conferences.html">Conferences</a>
  <a href="http://community.apache.org/gsoc.html">Summer of Code</a>
  <a href="http://community.apache.org/newcomers/">Getting Started</a>
  <a href="/foundation/how-it-works.html">The Apache Way</a>
  <a href="/travel/">Travel Assistance</a>
  <a href="/foundation/getinvolved.html">Get Involved</a>
  <a href="http://community.apache.org/newbiefaq.html">Community FAQ</a>
  <a href="/memorials/">Memorials</a>
     </div>
 <div class="col-sm-2">
  <h5 class="white">Innovation</h5>
     <a href="http://incubator.apache.org/">Incubator</a>
  <a href="http://labs.apache.org/">Labs</a>
  <a href="/licenses/">Licensing</a>
  <a href="/foundation/license-faq.html">Licensing FAQ</a>
  <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/contact.html">Contacts</a>
     </div>
 <div class="col-sm-2">
  <h5 class="white">Tech Operations</h5>
    <a href="/dev/">Developer Information</a>
   <a href="/dev/infrastructure.html">Infrastructure</a>
   <a href="/security/">Security</a>
   <a href="http://status.apache.org">Status</a>
   <a href="/foundation/contact.html">Contacts</a>
    </div>
```

```
<div class="col-sm-2">
  <h5 class="white">Press</h5>
   <a href="/press/">Overview</a>
   <a href="https://blogs.apache.org/">ASF News</a>
  <a href="https://blogs.apache.org/foundation/">Announcements</a>
  <a href="https://twitter.com/TheASF">Twitter Feed</a>
   <a href="/press/#contact">Contacts</a>
    </div>
  <div class="col-sm-2">
  <h5 class="white">Legal</h5>
    <a href="/legal/">Legal Affairs</a>
  <a href="/licenses/">Licenses</a>
   <a href="/foundation/marks/">Trademark Policy</a>
  <a href="/foundation/records/">Public Records</a>
     <a href="/foundation/policies/privacy.html">Privacy Policy</a>
  <a href="/licenses/exports/">Export Information</a>
  <a href="/foundation/license-faq.html">License/Distribution FAQ</a>
  <a href="/foundation/contact.html">Contacts</a>
    </div>
  <div class="col-sm-1">
  </div>
 </div>
 <hr class="col-lg-12 hr-white"/>
 <div class="row">
  <div class="col-lg-12">
  Copyright © 2016 The Apache Software Foundation, Licensed under the <a</pre>
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  Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.
  </div>
 </div>
 </div>
</footer>
<!-- / Footer -->
<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
```

1.194 spring-context 4.3.18.RELEASE

1.195 spring-core 4.3.18.RELEASE

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```
<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
```

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```
*/
```

package org.springframework.test.context.junit4.orm.domain;

```
/**
* DriversLicense POJO.
* @author Sam Brannen
* @since 3.0
public class DriversLicense {
private Long id;
private Long number;
public DriversLicense() {
}
public DriversLicense(Long number) {
 this(null, number);
}
public DriversLicense(Long id, Long number) {
 this.id = id;
 this.number = number;
}
public Long getId() {
 return this.id;
protected void setId(Long id) {
 this.id = id;
public Long getNumber() {
 return this.number;
}
public void setNumber(Long number) {
 this.number = number;
}
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE hibernate-mapping PUBLIC "-//Hibernate/Hibernate Mapping DTD//EN"
```

```
"http://hibernate.sourceforge.net/hibernate-mapping-3.0.dtd">
<hibernate-mapping auto-import="true" default-lazy="false">
<class name="org.springframework.test.context,junit4.orm.domain.DriversLicense" table="drivers_license">
 <id name="id" column="id">
 <generator class="identity" />
 </id>
 cproperty name="number" column="license_number" />
</class>
</hibernate-mapping>
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
package org.springframework.orm.jpa.domain;
import javax.persistence.Entity;
import javax.persistence.Id;
import javax.persistence.Table;
@Entity
@Table(name="DRIVERS_LICENSE")
public class DriversLicense {
@Id
private int id;
private String serial_number;
protected DriversLicense() {
public DriversLicense(String serialNumber) {
```

```
this.serial_number = serialNumber;
}

public String getSerialNumber() {
  return serial_number;
}
```

- 1.196 spring-expression 4.3.18.RELEASE
- 1.197 spring-messaging 4.3.18.RELEASE
- 1.198 spring-retry 1.2.2.RELEASE
- 1.199 spring-security-core 4.2.7.RELEASE
- 1.200 spring-security-crypto 4.2.7.RELEASE
- 1.201 spring-statemachine-core 2.0.2.RELEASE
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signed [Doug Lea]

dated

1,212 uuid 3.2

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1.213 versly-wsdoc 1.1.010

1.214 WebSocket server API 1.0

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 $cat\ javax. websocket-api-1.0-sources-2/javax/websocket/Decode Exception. java$

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David Megginson, david@megginson.com 2000-05-05

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

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- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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