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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from http://aspell.sourceforge.net/test/batch0.tab.

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# 1.41 commons-pool2 2.4.3

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# 1.42 ConcurrentLinkedHashMap 1.3.2

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src/manual/en\_US/docgen-originals/figures/tree\_with\_alpha.png
src/manual/en\_US/favicon.png
src/manual/en\_US/figures/model2sketch.png
src/manual/en\_US/figures/overview.png
src/manual/en\_US/figures/tree.png
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## 1.52 grizzly-http 2.3.25

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href="/licenses/">Licenses</a></div>
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    <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>
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    <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>
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  </div>
</nav>
</header>
<!-- / Navigation -->
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    <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">
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  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>
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 </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>
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</div>
<div class="container"><style type="text/css">
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 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 >
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Ty Coon, President of Vice
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That's all there is to it!

```
/* Jackson JSON-processor.
```

\*

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## 1.1

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## 1.1.1

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== Jackson Json-processor ==

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=== 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.

	•				
===	L	1ce	ns	ıng	===

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```
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```

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### 1.96 JDOM 1.1.3

# 1.97 jersey-client 1.19.1

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# 1.101 jersey-json 1.19.1

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/\*

\* @(#)UnixCrypt.java 0.9 96/11/25

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## 1.129 mockito-core 1.10.19

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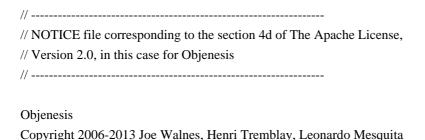
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# 1.144 Riak Client for Java 1.4.4

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# 1.145 rxjava 1.1.10

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# 1.146 signpost-commonshttp4 1.2.1.2

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\*/

 $package\ oauth. signpost. common shttp;\\$ 

import java.io.IOException;

import oauth.signpost.AbstractOAuthProvider; import oauth.signpost.http.HttpRequest;

 $import\ org. apache. http. Http Entity;$ 

import org.apache.http.HttpResponse;

import org.apache.http.client.HttpClient;

import org.apache.http.client.methods.HttpPost;

import org.apache.http.client.methods.HttpUriRequest;

import org.apache.http.impl.client.DefaultHttpClient;

/\*\*

- \* This implementation uses the Apache Commons {@link HttpClient} 4.x HTTP
- \* implementation to fetch OAuth tokens from a service provider. Android users
- \* should use this provider implementation in favor of the default one, since
- \* the latter is known to cause problems with Android's Apache Harmony
- \* underpinnings.

```
* @author Matthias Kaeppler
public class CommonsHttpOAuthProvider extends AbstractOAuthProvider {
 private static final long serialVersionUID = 1L;
 private transient HttpClient httpClient;
 public CommonsHttpOAuthProvider(String requestTokenEndpointUrl, String accessTokenEndpointUrl,
      String authorizationWebsiteUrl) {
   super(requestTokenEndpointUrl, accessTokenEndpointUrl, authorizationWebsiteUrl);
   this.httpClient = new DefaultHttpClient();
 }
 public CommonsHttpOAuthProvider(String requestTokenEndpointUrl, String accessTokenEndpointUrl,
      String authorizationWebsiteUrl, HttpClient httpClient) {
   super(requestTokenEndpointUrl, accessTokenEndpointUrl, authorizationWebsiteUrl);
   this.httpClient = httpClient;
 }
 public void setHttpClient(HttpClient httpClient) {
   this.httpClient = httpClient;
 }
 @Override
 protected HttpRequest createRequest(String endpointUrl) throws Exception {
   HttpPost request = new HttpPost(endpointUrl);
   return new HttpRequestAdapter(request);
 }
 @Override
 protected oauth.signpost.http.HttpResponse sendRequest(HttpRequest request) throws Exception {
   HttpResponse response = httpClient.execute((HttpUriRequest) request.unwrap());
   return new HttpResponseAdapter(response);
 }
 @Override
 protected void closeConnection(HttpRequest request, oauth.signpost.http.HttpResponse response)
      throws Exception {
   if (response != null) {
      HttpEntity entity = ((HttpResponse) response.unwrap()).getEntity();
      if (entity != null) {
         try {
           // free the connection
           entity.consumeContent();
         } catch (IOException e) {
           // this means HTTP keep-alive is not possible
```

```
e.printStackTrace();
}
}
}
```

# 1.147 signpost-core 1.2.1.2

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\*/

package oauth.signpost;

import java.io.IOException;

import java.io.InputStream;

import java.util.Random;

import oauth.signpost.basic.UrlStringRequestAdapter;

 $import\ oauth. signpost. exception. OAuth Communication Exception;$ 

import oauth.signpost.exception.OAuthExpectationFailedException;

 $import\ oauth. signpost. exception. OAuth Message Signer Exception;$ 

 $import\ oauth. signpost. http. Http Parameters;$ 

import oauth.signpost.http.HttpRequest;

 $import\ oauth. signpost. signature. Authorization Header Signing Strategy;$ 

import oauth.signpost.signature.HmacSha1MessageSigner;

```
import oauth.signpost.signature.OAuthMessageSigner;
import oauth.signpost.signature.QueryStringSigningStrategy;
import oauth.signpost.signature.SigningStrategy;
/**
* ABC for consumer implementations. If you're developing a custom consumer you
* will probably inherit from this class to save you a lot of work.
* @author Matthias Kaeppler
public abstract class AbstractOAuthConsumer implements OAuthConsumer {
 private static final long serialVersionUID = 1L;
 private String consumerKey, consumerSecret;
 private String token;
 private OAuthMessageSigner messageSigner;
 private SigningStrategy signingStrategy;
 // these are params that may be passed to the consumer directly (i.e.
 // without going through the request object)
 private HttpParameters additionalParameters;
 // these are the params which will be passed to the message signer
 private HttpParameters requestParameters;
 private boolean sendEmptyTokens;
 final private Random random = new Random(System.nanoTime());
 public AbstractOAuthConsumer(String consumerKey, String consumerSecret) {
    this.consumerKey = consumerKey;
    this.consumerSecret = consumerSecret;
    setMessageSigner(new HmacSha1MessageSigner());
    setSigningStrategy(new AuthorizationHeaderSigningStrategy());
  }
 public void setMessageSigner(OAuthMessageSigner messageSigner) {
    this.messageSigner = messageSigner;
    messageSigner.setConsumerSecret(consumerSecret);
  }
 public void setSigningStrategy(SigningStrategy signingStrategy) {
    this.signingStrategy = signingStrategy;
```

}

```
public void setAdditionalParameters(HttpParameters additionalParameters) {
  this.additionalParameters = additionalParameters;
}
public synchronized HttpRequest sign(HttpRequest request) throws OAuthMessageSignerException,
    OAuthExpectationFailedException, OAuthCommunicationException {
  if (consumerKey == null) {
    throw new OAuthExpectationFailedException("consumer key not set");
  if (consumerSecret == null) {
    throw new OAuthExpectationFailedException("consumer secret not set");
  }
  requestParameters = new HttpParameters();
  try {
    if (additionalParameters != null) {
       requestParameters.putAll(additionalParameters, false);
    }
    collectHeaderParameters(request, requestParameters);
    collectQueryParameters(request, requestParameters);
    collectBodyParameters(request, requestParameters);
    // add any OAuth params that haven't already been set
    completeOAuthParameters(requestParameters);
    requestParameters.remove(OAuth.OAUTH SIGNATURE);
  } catch (IOException e) {
    throw new OAuthCommunicationException(e);
  }
  String signature = messageSigner.sign(request, requestParameters);
  OAuth.debugOut("signature", signature);
  signingStrategy.writeSignature(signature, request, requestParameters);
  OAuth.debugOut("Request URL", request.getRequestUrl());
  return request;
}
public synchronized HttpRequest sign(Object request) throws OAuthMessageSignerException,
    OAuthExpectationFailedException, OAuthCommunicationException {
  return sign(wrap(request));
}
public synchronized String sign(String url) throws OAuthMessageSignerException,
    OAuthExpectationFailedException, OAuthCommunicationException {
```

```
HttpRequest request = new UrlStringRequestAdapter(url);
  // switch to URL signing
  SigningStrategy oldStrategy = this.signingStrategy;
  this.signingStrategy = new QueryStringSigningStrategy();
  sign(request);
  // revert to old strategy
  this.signingStrategy = oldStrategy;
  return request.getRequestUrl();
}
/**
* Adapts the given request object to a Signpost {@link HttpRequest}. How
* this is done depends on the consumer implementation.
* @param request
      the native HTTP request instance
* @return the adapted request
protected abstract HttpRequest wrap(Object request);
public void setTokenWithSecret(String token, String tokenSecret) {
  this.token = token;
  messageSigner.setTokenSecret(tokenSecret);
}
public String getToken() {
  return token;
}
public String getTokenSecret() {
  return messageSigner.getTokenSecret();
}
public String getConsumerKey() {
  return this.consumerKey;
}
public String getConsumerSecret() {
  return this.consumerSecret;
}
/**
* Helper method that adds any OAuth parameters to the given request
```

```
* parameters which are missing from the current request but required for
* signing. A good example is the oauth_nonce parameter, which is typically
* not provided by the client in advance.
* 
* 
* It's probably not a very good idea to override this method. If you want
* to generate different nonces or timestamps, override
* {@link #generateNonce()} or {@link #generateTimestamp()} instead.
* 
* @param out
      the request parameter which should be completed
protected void completeOAuthParameters(HttpParameters out) {
  if (!out.containsKey(OAuth.OAUTH_CONSUMER_KEY)) {
    out.put(OAuth.OAUTH_CONSUMER_KEY, consumerKey, true);
  if (!out.containsKey(OAuth.OAUTH SIGNATURE METHOD)) {
    out.put(OAuth.OAUTH_SIGNATURE_METHOD, messageSigner.getSignatureMethod(), true);
  if (!out.containsKey(OAuth.OAUTH TIMESTAMP)) {
    out.put(OAuth.OAUTH_TIMESTAMP, generateTimestamp(), true);
  if (!out.containsKey(OAuth.OAUTH NONCE)) {
    out.put(OAuth.OAUTH_NONCE, generateNonce(), true);
  if (!out.containsKey(OAuth.OAUTH_VERSION)) {
    out.put(OAuth.OAUTH_VERSION, OAuth.VERSION_1_0, true);
  if (!out.containsKey(OAuth.OAUTH_TOKEN)) {
    if (token != null && !token.equals("") || sendEmptyTokens) {
      out.put(OAuth.OAUTH_TOKEN, token, true);
    }
  }
}
public HttpParameters getRequestParameters() {
  return requestParameters;
}
public void setSendEmptyTokens(boolean enable) {
  this.sendEmptyTokens = enable;
}
* Collects OAuth Authorization header parameters as per OAuth Core 1.0 spec
* section 9.1.1
```

```
protected void collectHeaderParameters(HttpRequest request, HttpParameters out) {
    HttpParameters headerParams =
OAuth.oauthHeaderToParamsMap(request.getHeader(OAuth.HTTP_AUTHORIZATION_HEADER));
    out.putAll(headerParams, false);
  }
 /**
  * Collects x-www-form-urlencoded body parameters as per OAuth Core 1.0 spec
  * section 9.1.1
 protected void collectBodyParameters(HttpRequest request, HttpParameters out)
      throws IOException {
    // collect x-www-form-urlencoded body params
    String contentType = request.getContentType();
    if (contentType != null && contentType.startsWith(OAuth.FORM_ENCODED)) {
      InputStream payload = request.getMessagePayload();
      out.putAll(OAuth.decodeForm(payload), true);
    }
  }
 /**
  * Collects HTTP GET query string parameters as per OAuth Core 1.0 spec
  * section 9.1.1
 protected void collectQueryParameters(HttpRequest request, HttpParameters out) {
    String url = request.getRequestUrl();
    int q = url.indexOf('?');
    if (q >= 0) {
      // Combine the URL query string with the other parameters:
      out.putAll(OAuth.decodeForm(url.substring(q + 1)), true);
    }
  }
 protected String generateTimestamp() {
    return Long.toString(System.currentTimeMillis() / 1000L);
  }
 protected String generateNonce() {
    return Long.toString(random.nextLong());
  }
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```

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*/
package com.google.gdata.util.common.base;
/**
* An object that converts literal text into a format safe for inclusion in a
* particular context (such as an XML document). Typically (but not always), the
* inverse process of "unescaping" the text is performed automatically by the
* relevant parser.
* For example, an XML escaper would convert the literal string { @code
* "Foo<Bar>"} into {@code "Foo&lt;Bar&gt;"} to prevent {@code "<Bar>"} from
* being confused with an XML tag. When the resulting XML document is parsed,
* the parser API will return this text as the original literal string {@code
* "Foo<Bar>"}.
* An {@code Escaper} instance is required to be stateless, and safe when
* used concurrently by multiple threads.
* Several popular escapers are defined as constants in the class { @link
* CharEscapers \}. To create your own escapers, use {@link
* CharEscaperBuilder}, or extend {@link CharEscaper} or {@code UnicodeEscaper}.
public interface Escaper {
 * Returns the escaped form of a given literal string.
 * Note that this method may treat input characters differently depending on
 * the specific escaper implementation.
 * 
 * {@link UnicodeEscaper} handles
 * <a href="http://en.wikipedia.org/wiki/UTF-16">UTF-16</a> correctly,
 * including surrogate character pairs. If the input is badly formed the
 * escaper should throw {@link IllegalArgumentException}.
 * { @link CharEscaper} handles Java characters independently and does not
 * verify the input for well formed characters. A CharEscaper should not be
```

\* used in situations where input is not guaranteed to be restricted to the

```
* Basic Multilingual Plane (BMP).
 * 
 * @param string the literal string to be escaped
* @return the escaped form of {@code string}
 * @throws NullPointerException if {@code string} is null
 * @throws IllegalArgumentException if { @code string} contains badly formed
     UTF-16 or cannot be escaped for any other reason
 */
public String escape(String string);
/**
* Returns an {@code Appendable} instance which automatically escapes all
* text appended to it before passing the resulting text to an underlying
 * {@code Appendable}.
* Note that this method may treat input characters differently depending on
 * the specific escaper implementation.
 * 
* {@link UnicodeEscaper} handles
* <a href="http://en.wikipedia.org/wiki/UTF-16">UTF-16</a> correctly,
 * including surrogate character pairs. If the input is badly formed the
* escaper should throw {@link IllegalArgumentException}.
* { @link CharEscaper } handles Java characters independently and does not
 * verify the input for well formed characters. A CharEscaper should not be
* used in situations where input is not guaranteed to be restricted to the
 * Basic Multilingual Plane (BMP).
 * 
 * @param out the underlying { @code Appendable} to append escaped output to
 * @return an {@code Appendable} which passes text to {@code out} after
     escaping it.
public Appendable escape(Appendable out);
}
```

# 1.148 slf4j-api 1.7.7

## 1.148.1 Available under license:

```
***

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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 {
 try {
  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;
```

# 1.149 snakeyaml 1.17

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/\*\*

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# 1.150 Snappy for Java 1.0.5

# 1.151 snappy-java 1.1.2.4

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# 1.152 splunk 1.3.0

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- 1.153 spotbugs-annotations 3.1.5
- 1.154 spring-aop 4.3.16.RELEASE
- 1.155 spring-aspects 4.3.16.RELEASE
- 1.156 spring-beans 4.3.16.RELEASE
- 1.157 spring-boot 1.5.12.RELEASE
- 1.158 spring-boot-autoconfigure
- 1.5.12.RELEASE
- 1.159 spring-boot-starter 1.5.12.RELEASE
- 1.160 spring-boot-starter-web
- **1.5.12.RELEASE**
- 1.161 spring-cloud-commons 1.2.2.RELEASE

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# 1.162 spring-cloud-consul-config

## 1.2.1.RELEASE

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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">
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">
< link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
< link 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">
<link 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">
< link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
```

```
rel="manifest" href="/favicons/manifest.json">
</ir>
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="msapplication-config" content="/favicons/browserconfig.xml">
</meta name="theme-color" content="#303284">
</m
```

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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>
    </111>
    <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>
    </11/>
    </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);
})();
</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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```
<!-- Footer -->
<footer class="bg-primary">
<div class="container">
 <div class="row">
 <br/>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>
   </11/>
</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>
    </11/>
  </div>
  <div class="col-sm-1">
  </div>
 </div>
 <hr class="col-lg-12 hr-white"/>
 <div class="row">
  <div class="col-lg-12">
  Copyright © 2017 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>
```

# 1.163 spring-cloud-consul-core

# **1.2.1.RELEASE**

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# 1.164 spring-cloud-context 1.2.2.RELEASE

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# 1.165 spring-cloud-starter-consul

## **1.2.1.RELEASE**

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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">
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">
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">
< link 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">
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">
```

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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-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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```
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<div class="codehilite">Copyright [yyyy] [name of copyright owner]
```

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```
</div></div>
<!-- Footer -->
<footer class="bg-primary">
<div class="container">
 <div class="row">
 <br/>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
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>
```

## 1.166 spring-cloud-starter-consul-config

### **1.2.1.RELEASE**

### 1.166.1 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">
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">
k 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">
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">
```

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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-9 col-sm-8 col-xs-12">
   <img src="/img/asf_logo.png" alt="Apache Logo" style="max-width: 100%;">
  <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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</div></div>
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 <div class="row">
  <br/>br />
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  </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>
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   <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>
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<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>
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```

```
</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>
</body>
</html>
```

### 1.167 spring-context 4.3.16.RELEASE

1.168 spring-core 4.3.16.RELEASE

1.169 spring-expression 4.3.16.RELEASE

1.170 spring-retry 1.2.2.RELEASE

- 1.171 spring-security-config 4.2.5.RELEASE
- 1.172 spring-security-core 4.2.5.RELEASE
- 1.173 spring-security-crypto 4.2.5.RELEASE
- 1.174 spring-test 4.3.16.RELEASE
- 1.175 spring-tx 4.3.16.RELEASE
- 1.176 spring-web 4.3.16.RELEASE
- 1.177 spring-webmvc 4.3.16.RELEASE

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### 1.180 tyrus-container-grizzly-client 1.13.1

### 1.181 tyrus-core 1.13.1

### 1.182 tyrus-spi 1.13.1

### 1.183 util.concurrent package 1.3.4

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```
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