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1.4 async-http-client 2.0.11

1.5 bcpkix-jdk15on-jar 1.52

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1.6 bcprov-jdk15on 1.52

1.7 build-link 2.5.10

1.8 commons-codec 1.10

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### 1.9 commons-lang3 3.4

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1.13 ehcache-core 2.6.8

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Javassist version 3

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Javassist (JAVA programming ASSISTant) makes Java bytecode manipulation simple. It is a class library for editing bytecodes in Java; it enables Java programs to define a new class at runtime and to modify a class file when the JVM loads it. Unlike other similar bytecode editors, Javassist provides two levels of API: source level and bytecode level. If the users use the source-level API, they can edit a class file without knowledge of the specifications of the Java bytecode. The whole API is designed with only the vocabulary of the Java language. You can even specify inserted bytecode in the form of source text; Javassist compiles it on the fly. On the other hand, the bytecode-level API allows the users to directly edit a class file as other editors.

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1.25 javax.inject 1

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 */
package oauth.signpost.commonshttp;

import java.io.IOException;
import oauth.signpost.AbstractOAuthProvider;
import oauth.signpost.http.HttpRequest;

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 */
* This implementation uses the Apache Commons [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) {
                // Further processing of response entity...
            }
        }
    }
}
try {
    // free the connection
    entity.consumeContent();
} catch (IOException e) {
    // this means HTTP keep-alive is not possible
    e.printStackTrace();
}

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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.OAuthCommunicationException;
import oauth.signpost.exception.OAuthExpectationFailedException;

import java.io.IOException;
import oauth.signpost.exception.OAuthMessageSignerException;
import oauth.signpost.http.HttpParameters;
import oauth.signpost.http.HttpRequest;
import oauth.signpost.signature.AuthorizationHeaderSigningStrategy;
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 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.
* </p>
* </p>
* 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.
* </p>
*
* @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());
}
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.
 * <p>For example, an XML escaper would convert the literal string "Foo<Bar>" into "Foo&lt;Bar&gt;"
 * to prevent "<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 "Foo<Bar>".
 * </p>
 * <p>An Escaper instance is required to be stateless, and safe when
 * used concurrently by multiple threads.
 * </p>
 * <p>Several popular escapers are defined as constants in the class CharEscapers. To create your own escapers, use CharEscaperBuilder, or extend CharEscaper or UnicodeEscaper.
 * </p>
 */

public interface Escaper {

/**
 * Returns the escaped form of a given literal string.
 * <p>Note that this method may treat input characters differently depending on
 * the specific escaper implementation.
 * </p>
 * <ul>
 * <li>UnicodeEscaper handles
 * <a href="http://en.wikipedia.org/wiki/UTF-16">UTF-16</a> correctly,
 * </li>
 */

* including surrogate character pairs. If the input is badly formed the
* escaper should throw [@link IllegalArgument]{@link IllegalArgument}.  
* <li>[@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).
* </ul>
*
* @param string the literal string to be escaped 
* @return the escaped form of [@code string] 
* @throws NullPointerException if [@code string] is null 
* @throws IllegalArgument 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].
* 
* <p>Note that this method may treat input characters differently depending on 
* the specific escaper implementation.
* </p>
* <ul>
* <li>[@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 IllegalArgument]. 
* <li>[@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).
* </ul>
*
* @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);


1.78 slf4j-api 1.7.21

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1.81 xml-apis 1.4.01

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