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Contents

1.1 Apache Xerces 2.6.1

1.1.1 Notifications

1.1.2 Available under license

1.2 apr 0.9.7-1

1.2.1 Available under license

1.3 apr-util 0.9.7-1

1.3.1 Available under license

1.4 AXIS2C 1.6.0

1.4.1 Available under license

1.5 Commons Lang 2.4

1.5.1 Available under license

1.6 commons-discovery 0.2 :DUPLICATE

1.6.1 Notifications

1.6.2 Available under license

1.7 commons-logging-api 1.0.4

1.7.1 Available under license

1.8 dom4j 1.6.1

1.8.1 Available under license

1.9 e2fsprogs 1.27 :9

1.9.1 Available under license

1.10 expat 2.1.0 :8.e17

1.10.1 Available under license

1.11 expat_PrintPath 2.1.0 :8.e17

1.11.1 Notifications

1.11.2 Available under license

1.12 Handlebars 1.0.0 :rc4

- 1.12.1 Available under license
- 1.13 httpd 2.2.27**
 - 1.13.1 Available under license
- 1.14 jakarta-log4j 1.2.8**
 - 1.14.1 Notifications
 - 1.14.2 Available under license
- 1.15 Jaxen 1.1**
 - 1.15.1 Available under license
- 1.16 JDOM 1.1**
 - 1.16.1 Notifications
 - 1.16.2 Available under license
- 1.17 jQuery 1.6.2**
 - 1.17.1 Available under license
- 1.18 jquery mobile 1.4.0pre**
 - 1.18.1 Available under license
- 1.19 jsoneditor 1**
- 1.20 kernel-linux 2.6.27**
 - 1.20.1 Available under license
- 1.21 mailapi 1.4.6**
 - 1.21.1 Available under license
- 1.22 minised 1.13**
 - 1.22.1 Available under license
- 1.23 ntp 4.2.6p2**
 - 1.23.1 Available under license
- 1.24 Open vSwitch 1.4.0 :build0**
 - 1.24.1 Available under license
- 1.25 openssh 6.2p2 :r0**
 - 1.25.1 Available under license
- 1.26 openssl 1.0.1t :1**
 - 1.26.1 Notifications
 - 1.26.2 Available under license
- 1.27 Openssl 0.9.7a**
 - 1.27.1 Notifications
 - 1.27.2 Available under license
- 1.28 openssl 1.0.1c**
 - 1.28.1 Notifications
 - 1.28.2 Available under license
- 1.29 openssl 0.9.7l**
 - 1.29.1 Notifications

- 1.29.2 Available under license
- 1.30 OpenSSL 0.9.8e**
 - 1.30.1 Notifications
 - 1.30.2 Available under license
- 1.31 OpenSSL 1.0.0a**
 - 1.31.1 Notifications
 - 1.31.2 Available under license
- 1.32 Openssl fips-1.2**
 - 1.32.1 Notifications
 - 1.32.2 Available under license
- 1.33 openssl 0.9.8za :2841a9a0addc4fd72a8e45167522fb09**
 - 1.33.1 Notifications
 - 1.33.2 Available under license
- 1.34 Perl 5.8.8**
 - 1.34.1 Available under license
- 1.35 rsync 2.6.9 :r3**
 - 1.35.1 Available under license
- 1.36 saaj 1.4**
 - 1.36.1 Available under license
- 1.37 smtpclient 1.0.0**
 - 1.37.1 Available under license
- 1.38 SSL 0.9.8**
 - 1.38.1 Notifications
 - 1.38.2 Available under license
- 1.39 tcl 8.5.0 :6.fc9**
 - 1.39.1 Available under license
- 1.40 tftpd-0.29 0.29**
 - 1.40.1 Available under license
- 1.41 trilead-ssh2 213**
 - 1.41.1 Available under license
- 1.42 wsdl4j 1.5.1**
 - 1.42.1 Available under license
- 1.43 XML Commons External Components XML APIs 1.3.04**
 - 1.43.1 Available under license

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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1.3 apr-util 0.9.7-1

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install - install a program, script, or datafile

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1.20 kernel-linux 2.6.27

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That's all there is to it!

/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

* see init_nicstar() for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather lists

* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

*

* Implementing minimal-copy of received data:

* IDT always receives data into a small buffer, then large buffers

* as needed. This means that data must always be copied to create

* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

* Fix is simple: make large buffers large enough to hold entire

* SDU, and leave <small_buffer_data> bytes empty at the start. Then

* copy small buffer contents to head of large buffer.

* Trick is to avoid fragmenting Linux, due to need for a lot of large

* buffers. This is done by 2 things:

* 1) skb->destructor / skb->atm.recycle_buffer

* combined, allow nicstar_free_rx_skb to be called to

* recycle large data buffers

* 2) skb_clone of received buffers

* See nicstar_free_rx_skb and linearize_buffer for implementation

* details.

*

*

*

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*

* M. Welsh, 6 July 1996

*

*
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1.21 mailapi 1.4.6

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*/
```

```
package javax.mail;
```

```
import java.io.Serializable;
```

```
/**
 * This abstract class models the addresses in a message.
 * Subclasses provide specific implementations. Subclasses
 * will typically be serializable so that (for example) the
 * use of Address objects in search terms can be serialized
 * along with the search terms.
 *
 * @author John Mani
 * @author Bill Shannon
 */
```

```
public abstract class Address implements Serializable {
```

```
    private static final long serialVersionUID = -5822459626751992278L;
```

```
    /**
     * Return a type string that identifies this address type.
     *
     * @return address type
     * @see javax.mail.internet.InternetAddress
     */
```

```
    public abstract String getType();
```

```
    /**
     * Return a String representation of this address object.
     *
     * @return string representation of this address
     */
```

```
    public abstract String toString();
```

```
    /**
     * The equality operator. Subclasses should provide an
     * implementation of this method that supports value equality
     * (do the two Address objects represent the same destination?),
     * not object reference equality. A subclass must also provide
     * a corresponding implementation of the hashCode
     * method that preserves the general contract of
```

```

* <code>equals</code> and <code>hashCode</code> - objects that
* compare as equal must have the same hashCode.
*
* @param address Address object
*/
public abstract boolean equals(Object address);
}

```

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33. [36]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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49. [53]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
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CA-23900: Warning: when VIFs are added to windows guests with PV drivers the backend vif device is registered,

unregistered and then registered again. This causes the udev event to fire twice and this script runs twice.

Since the first invocation of the script races with the device unregistration, spurious errors are possible

which will be logged but are safe to ignore since the second script invocation should complete the operation.

Note that each script invocation is run synchronously from udev and so the scripts don't race with each other.

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1.25 openssh 6.2p2 :r0

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*
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*
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* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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/* crypto/ec/ecp_nistp256.c */

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* Written by Adam Langley (Google) for the OpenSSL project

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/*

* A 64-bit implementation of the NIST P-256 elliptic curve point multiplication

*

* OpenSSL integration was taken from Emilia Kasper's work in ecp_nistp224.c.

* Otherwise based on Emilia's P224 work, which was inspired by my curve25519

* work which got its smarts from Daniel J. Bernstein's work on the same.

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

*/

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*/

package org.apache.axis.client ;

```

import org.apache.axis.AxisFault;
import org.apache.axis.EngineConfiguration;
import org.apache.axis.components.logger.LogFactory;
import org.apache.axis.deployment.wsdd.WSDDConstants;
import org.apache.axis.message.SOAPBodyElement;
import org.apache.axis.utils.Messages;
import org.apache.axis.utils.Options;
import org.apache.axis.utils.StringUtils;
import org.apache.commons.logging.Log;

import javax.xml.rpc.ServiceException;
import java.io.ByteArrayInputStream;
import java.io.FileInputStream;
import java.io.InputStream;
import java.net.URL;
import java.util.Vector;

/**
 * An admin client object that can be used both from the command line
 * and programmatically.
 *
 * @author Rob Jellinghaus (robj@unrealities.com)
 * @author Doug Davis (dug@us.ibm.com)
 * @author Simeon Simeonov (simeons@macromedia.com)
 */

public class AdminClient
{
    protected static Log log =
        LogFactory.getLog(AdminClient.class.getName());

    private static ThreadLocal defaultConfiguration = new ThreadLocal();

    /**
     * If the user calls this with an EngineConfiguration object, all
     * AdminClients on this thread will use that EngineConfiguration
     * rather than the default one. This is primarily to enable the
     * deployment of custom transports and handlers.
     *
     * @param config the EngineConfiguration which should be used
     */
    public static void setDefaultConfiguration(EngineConfiguration config)
    {
        defaultConfiguration.set(config);
    }

    private static String getUsageInfo()

```

```

{
    String lSep = System.getProperty("line.separator");
    StringBuffer msg = new StringBuffer();
    // 26 is the # of lines in resources.properties
    msg.append(Messages.getMessage("acUsage00")).append(lSep);
    msg.append(Messages.getMessage("acUsage01")).append(lSep);
    msg.append(Messages.getMessage("acUsage02")).append(lSep);
    msg.append(Messages.getMessage("acUsage03")).append(lSep);
    msg.append(Messages.getMessage("acUsage04")).append(lSep);
    msg.append(Messages.getMessage("acUsage05")).append(lSep);
    msg.append(Messages.getMessage("acUsage06")).append(lSep);
    msg.append(Messages.getMessage("acUsage07")).append(lSep);
    msg.append(Messages.getMessage("acUsage08")).append(lSep);
    msg.append(Messages.getMessage("acUsage09")).append(lSep);
    msg.append(Messages.getMessage("acUsage10")).append(lSep);
    msg.append(Messages.getMessage("acUsage11")).append(lSep);
    msg.append(Messages.getMessage("acUsage12")).append(lSep);
    msg.append(Messages.getMessage("acUsage13")).append(lSep);
    msg.append(Messages.getMessage("acUsage14")).append(lSep);
    msg.append(Messages.getMessage("acUsage15")).append(lSep);
    msg.append(Messages.getMessage("acUsage16")).append(lSep);
    msg.append(Messages.getMessage("acUsage17")).append(lSep);
    msg.append(Messages.getMessage("acUsage18")).append(lSep);
    msg.append(Messages.getMessage("acUsage19")).append(lSep);
    msg.append(Messages.getMessage("acUsage20")).append(lSep);
    msg.append(Messages.getMessage("acUsage21")).append(lSep);
    msg.append(Messages.getMessage("acUsage22")).append(lSep);
    msg.append(Messages.getMessage("acUsage23")).append(lSep);
    msg.append(Messages.getMessage("acUsage24")).append(lSep);
    msg.append(Messages.getMessage("acUsage25")).append(lSep);
    msg.append(Messages.getMessage("acUsage26")).append(lSep);
    return msg.toString();
}

```

```

/**
 * the object that represents our call
 */
protected Call call;

/**
 * Construct an admin client w/o a logger.
 * If the client cannot create a call object, then it does not throw an exception.
 * Instead it prints a message to {@link System.err}.
 * This is for 'historical reasons'
 */
public AdminClient()
{

```

```

try {
    initAdminClient();
} catch (ServiceException e) {
    System.err.println(Messages.getMessage("couldntCall00") + ": " + e);
    call = null;
}
}

/**
 * this is a somewhat contrived variant constructor, one that throws an exception
 * if things go wrong.
 * @param ignored
 */
public AdminClient(boolean ignored) throws ServiceException {
    initAdminClient();
}

/**
 * core initialisation routine
 *
 * @throws ServiceException
 */
private void initAdminClient() throws ServiceException {
    // Initialize our Service - allow the user to override the
    // default configuration with a thread-local version (see
    // setDefaultConfiguration() above)
    EngineConfiguration config =
        (EngineConfiguration) defaultConfiguration.get();
    Service service;
    if (config != null) {
        service = new Service(config);
    } else {
        service = new Service();
    }
    call = (Call) service.createCall();
}

/**
 * External access to our <code>Call</code> object.
 * This will be null if the non-exceptioning constructor was used
 * and the construction failed.
 * @return the <code>Call</code> object this instance uses
 */
public Call getCall()
{
    return call;
}

```

```

}

/**
 * process the options then run a list call
 * @param opts
 * @return
 * @throws Exception
 */
public String list(Options opts) throws Exception {
    processOpts( opts );
    return list();
}

/**
 * send a list command
 * @return the response from the call
 * @throws Exception
 */
public String list() throws Exception {
    log.debug( Messages.getMessage("doList00") );
    String      str  = "<m:list xmlns:m=\"" + WSDDConstants.URI_WSDD + "\"/>" ;
    ByteArrayInputStream input = new ByteArrayInputStream(str.getBytes());
    return process(input);
}

/**
 * process the command line ops, then send a quit command
 * @param opts
 * @return
 * @throws Exception
 */
public String quit(Options opts) throws Exception {
    processOpts( opts );
    return quit();
}

/**
 * root element of the undeploy request
 */
protected static final String ROOT_UNDEPLOY= WSDDConstants.QNAME_UNDEPLOY.getLocalPart();

/**
 * make a quit command
 * @return
 * @throws Exception
 */
public String quit() throws Exception {
    log.debug(Messages.getMessage("doQuit00"));

```

```

String      str = "<m:quit xmlns:m=\"" + WSDDConstants.URI_WSDD + "\"/>";
ByteArrayInputStream input = new ByteArrayInputStream(str.getBytes());
return process(input);
}

/**
 * undeploy a handler
 * @param handlerName name of the handler to undeploy
 * @return
 * @throws Exception
 */
public String undeployHandler(String handlerName) throws Exception {
    log.debug(Messages.getMessage("doQuit00"));
    String      str = "<m:" + ROOT_UNDEPLOY + " xmlns:m=\"" + WSDDConstants.URI_WSDD + "\">" +
        "<handler name=\"" + handlerName + "\"/>" +
        "</m:" + ROOT_UNDEPLOY + ">" ;
    ByteArrayInputStream input = new ByteArrayInputStream(str.getBytes());
    return process(input);
}

/**
 * undeploy a service
 * @param serviceName name of service
 * @return
 * @throws Exception
 */
public String undeployService(String serviceName) throws Exception {
    log.debug(Messages.getMessage("doQuit00"));
    String      str = "<m:" + ROOT_UNDEPLOY + " xmlns:m=\"" + WSDDConstants.URI_WSDD + "\">" +
        "<service name=\"" + serviceName + "\"/>" +
        "</m:" + ROOT_UNDEPLOY + ">" ;
    ByteArrayInputStream input = new ByteArrayInputStream(str.getBytes());
    return process(input);
}

/**
 * <p>Processes a set of administration commands.</p>
 * <p>The following commands are available:</p>
 * <ul>
 * <li><code>-l<i>url</i></code> sets the AxisServlet URL</li>
 * <li><code>-h<i>hostName</i></code> sets the AxisServlet host</li>
 * <li><code>-p<i>portNumber</i></code> sets the AxisServlet port</li>
 * <li><code>-s<i>servletPath</i></code> sets the path to the
 *     AxisServlet</li>
 * <li><code>-f<i>fileName</i></code> specifies that a simple file
 *     protocol should be used</li>
 * <li><code>-u<i>username</i></code> sets the username</li>
 * <li><code>-w<i>password</i></code> sets the password</li>

```

- * `-d` sets the debug flag (for instance, `-ddd` would set it to 3)
 - * `-t <i>name</i>` sets the transport chain touse
 - * `list` will list the currently deployed services
 - * `quit` will quit (???)
 - * `passwd <i>value</i>` changes the admin password
 - * `<i>xmlConfigFile</i>` deploys or undeploys Axis components and web services
- */
- If `-l` or `-h -p -s` are not set, the AdminClient will invoke `http://localhost:8080/axis/servlet/AxisServlet`.
- @param args Commands to process
- @return XML result or null in case of failure. In the case of multiple commands, the XML results will be concatenated, separated by \n
- @exception Exception Could be an IO exception, an AxisFault or something else
- */

```

public String process(String[] args) throws Exception {
    StringBuffer sb = new StringBuffer();

    Options opts = new Options( args );
    opts.setDefaultURL("http://localhost:8080/axis/services/AdminService");

    if (opts.isFlagSet('d') > 0) {
        // Set logger properties... !!!
    }

    args = opts.getRemainingArgs();

    if ( args == null || opts.isFlagSet('?') > 0) {
        System.out.println(Messages.getMessage("usage00","AdminClient [Options] [list | <deployment-descriptor-
files>]"));
        System.out.println("");
        System.out.println(getUsageInfo());
        return null;
    }

    for ( int i = 0 ; i < args.length ; i++ ) {
        InputStream input = null;

        if ( args[i].equals("list") )
            sb.append( list(opts) );
        else if ( args[i].equals("quit") )
            sb.append( quit(opts) );
        else if ( args[i].equals("passwd") ) {
            System.out.println(Messages.getMessage("changePwd00"));
        }
    }
}

```

```

        if (args[i + 1] == null) {
            System.err.println(Messages.getMessage("needPwd00"));
            return null;
        }
        String str = "<m:passwd xmlns:m=\"http://xml.apache.org/axis/wsdd/\">";
        str += args[i + 1];
        str += "</m:passwd>";
        input = new ByteArrayInputStream(str.getBytes());
        i++;
        sb.append( process(opts, input) );
    }
    else {
        if(args[i].indexOf(java.io.File.pathSeparatorChar)==-1){
            System.out.println( Messages.getMessage("processFile00", args[i]) );
            sb.append( process(opts, args[i] ) );
        } else {
            java.util.StringTokenizer tokenizer = null ;
            tokenizer = new java.util.StringTokenizer(args[i],
                java.io.File.pathSeparator);
            while(tokenizer.hasMoreTokens()) {
                String file = tokenizer.nextToken();
                System.out.println( Messages.getMessage("processFile00", file) );
                sb.append( process(opts, file) );
                if(tokenizer.hasMoreTokens())
                    sb.append("\n");
            }
        }
    }
}

return sb.toString();
}

/**
 * go from the (parsed) command line to setting properties on our call object.
 * @param opts
 * @throws Exception if call==null
 */
public void processOpts(Options opts) throws Exception {
    if (call == null) {
        throw new Exception(Messages.getMessage("nullCall00"));
    }

    URL address = new URL(opts.getURL());
    setTargetEndpointAddress(address);
    setLogin(opts.getUser(), opts.getPassword());

    String tName = opts.isValueSet( 't' );

```



```

        setTransport(tName);
    }

    /**
     * set the username and password
     * requires that call!=null
     * @param user username
     * @param password password
     */
    public void setLogin(String user, String password) {
        call.setUsername( user );
        call.setPassword( password );
    }

    /**
     * set the URL to deploy to
     * requires that call!=null
     * @param address
     */
    public void setTargetEndpointAddress(URL address) {
        call.setTargetEndpointAddress( address );
    }

    /**
     * set the transport to deploy with.
     * requires that call!=null
     * @param transportName a null or empty value does not trigger a setting
     */
    public void setTransport(String transportName) {
        if(transportName != null && !transportName.equals("")) {
            call.setProperty( Call.TRANSPORT_NAME, transportName );
        }
    }

    public String process(InputStream input) throws Exception {
        return process(null, input );
    }

    public String process(URL xmlURL) throws Exception {
        return process(null, xmlURL.openStream() );
    }

    /**
     * process an XML file containing a pre-prepared admin message
     * @param xmlFile file to load
     * @return
     * @throws Exception
     */

```

```

public String process(String xmlFile) throws Exception {
    FileInputStream in = new FileInputStream(xmlFile);
    String result = process(null, in );
    return result ;
}

public String process(Options opts, String xmlFile) throws Exception {
    processOpts( opts );
    return process( xmlFile );
}

/**
 * submit the input stream's contents to the endpoint, return the results as a string.
 * The input stream is always closed after the call, whether the request worked or not
 * @param opts options -can be null
 * @param input -input stream for request
 * @return
 * @throws Exception if the call was null
 * @throws AxisFault if the invocation returned an empty response
 */
public String process(Options opts, InputStream input) throws Exception {
    try {
        if (call == null) {
            //validate that the call is not null
            throw new Exception(Messages.getMessage("nullCall00"));
        }

        if ( opts != null ) {
            //process options if supplied
            processOpts( opts );
        }

        call.setUseSOAPAction( true);
        call.setSOAPActionURI( "urn:AdminService");

        Vector result = null ;
        Object[] params = new Object[] { new SOAPBodyElement(input) };
        result = (Vector) call.invoke( params );

        if (result == null || result.isEmpty()) {
            throw new AxisFault(Messages.getMessage("nullResponse00"));
        }

        SOAPBodyElement body = (SOAPBodyElement) result.elementAt(0);
        return body.toString();
    } finally {
        input.close();
    }
}

```

```

}

/**
 * Creates in instance of AdminClient and
 * invokes process(args).
 * 

Diagnostic output goes to log.info.


 * @param args Commands to process
 */
public static void main (String[] args)
{
    try {
        AdminClient admin = new AdminClient();

        String result = admin.process(args);
        if (result != null) {
            System.out.println( StringUtils.unescapeNumericChar(result) );
        } else {
            System.exit(1);
        }
    } catch (AxisFault ae) {
        System.err.println(Messages.getMessage("exception00") + " " + ae.dumpToString());
        System.exit(1);
    } catch (Exception e) {
        System.err.println(Messages.getMessage("exception00") + " " + e.getMessage());
        System.exit(1);
    }
}
}

```

1.37 smtpclient 1.0.0

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L I C E N S E

SMTPclient -- simple SMTP client

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1.39 tcl 8.5.0 :6.fc9

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1.40 tftpd-0.29 0.29

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1.41 trilead-ssh2 213

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1.42 wsd14j 1.5.1

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