

SOURCE FILE . . . . . LAXAXS/QRPGLESRC  
 MEMBER . . . . . DPCSOCKET1

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SEQNBR*...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8 ...+... 9 ...+... 0
100      F*-----
200      F* Program: DPCSOCKET1          Title: Denied Party socket to FCS
300      F* Date: 12/30/05              Programmer: AS_UT
400      F*-----
500      H DFTACTGRP(*NO) ACTGRP(*NEW) BNDDIR('LIBHTTP/HTTPAPI') BNDDIR('QC2LE')
600      H OPTION(*nodebugio:*srcstmt)
700
800      *-----
900      **
1000     ** This program uses HTTPS POST operation with data from a stream file.
1100     ** The Outbound xml file is sent to FCS and the Inbound xml file
1200     ** is received.
1300     *-----
1400
1500     D/copy libhttp/qrpglesrc,httpapi_h
1600     D/copy libhttp/qrpglesrc,ifsio_h
1700     D/copy libhttp/qrpglesrc,errno_h
1800
1900     D cmd          pr          extpgm('QCMDEXC')
2000     D  command          200A  const
2100     D  length          15P 5 const
2200
2300     *
2400     * Create User Space API
2500     *
2600     D QUSCRTUS          PR          ExtPgm('QUSCRTUS')
2700     D  UserSpc          20A  const
2800     D  ExtAttr          10A  const
2900     D  InitSize          10I 0 const
3000     D  InitVal          1A  const
3100     D  PublicAuth          10A  const
3200     D  Text          50A  const
3300     D  Replace          10A  const
3400     D  ErrorCode          32766A  options(*varsize)
3500
3600     *
3700     * retrieve pointer to user space API
3800     *
3900     D QUSPTRUS          PR          ExtPgm('QUSPTRUS')
4000     D  UserSpc          20A  CONST
4100     D  Pointer          *
4200
4300     D dsEC          DS
4400     D  dsECBytesP          10I 0 INZ(%size(dsEC))
4500     D  dsECBytesA          10I 0 INZ(0)
4600     D  dsECMsgID          7A
4700     D  dsECReserv          1A
4800     D  dsECMsgDta          240A
4900
5000     D rc          s          10I 0
5100     D p_data          S          *
5200     D mystat          S          like(statds)
5300     D stmf          S          256A

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5400      D instmf          S          256A                                02/23/05
5500      D sf              s          10I 0                             10/30/02
5600      D Ref#            s          12                                02/23/05
5700      D Error           s          2                                02/23/05
5800      D userid          S          50A                             12/30/05
5900      D pass            S          50A                             12/30/05
6000      *-----
6100
6200      c      *entry      plist                                02/18/05
6300      c                      parm          Ref#                  02/23/05
6400      c                      parm          Error                 02/23/05
6500
6600      c                      eval          *inlr = *on           10/30/02
6700
6800      ** whatever data is in this stream file will               10/30/02
6900      ** be POSTed to the URL below.                             10/30/02
7000      c                      eval          stmf = '/UTi_XML/FCS'   12/30/05
7100      c                      + '/tmp/Outbound'                   02/17/05
7200      c                      + %trim(Ref#)                       02/23/05
7300      c                      + '.xml'                             02/17/05
7400
7500      c                      exsr          GetStmfSiz             10/30/02
7600      c                      exsr          CrtUsrSpc             10/30/02
7700      c                      exsr          CopyToSpc             10/30/02
7800
7900      c                      eval          userid = 'utieditestuser' 12/30/05
8000      c                      eval          pass = 'usertestediuti' 12/30/05
8100      c                      callp        http_setauth(HTTP_AUTH_BASIC: 12/30/05
8200      c                      userid: pass)                        12/30/05
8300
8400      c                      eval          instmf = '/UTi_XML/FCS/tmp/Inbound' 12/30/05
8500      c                      + %trim(Ref#)                       02/23/05
8600      c                      + '.xml'                             02/23/05
8700      c                      eval          rc=http_url_post(      12/30/05
8800      c                      'https://apps2.tradegate2000.com'+    12/30/05
8900      c                      '/import2000deniedparties/dp_xml'+    12/30/05
9000      c                      '_process.cgi':                       12/30/05
9100      c                      p_data: st_size:instmf)               02/23/05
9200      c                      if          rc <> 1                   10/30/02
9300      * Error call http_utl_post. It can be failed connection to FCS 12/30/05
9400      c                      move          '01'          Error     02/22/05
9500      c                      return                                     02/18/05
9600      c                      endif                                    10/30/02
9700
9800      c                      return                                    10/30/02
9900
10000
10100      *-----
10200      C*  Get stream file size.  The resulting size (from the stat DS) 10/30/02
10300      C*  will be placed in the ST_SIZE variable.                     10/30/02
10400      *-----
10500      csr  GetStmfSiz      begsr                                10/30/02
10600      c                      eval          p_statds = %addr(mystat) 10/30/02

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10700                                                                    10/30/02
10800      c                      if      stat(%trimr(stmf): %addr(mystat)) <> 0      10/30/02
10900      * Can't find outbound stream file      02/22/05
11000      c                      move      '02'                      Error      02/22/05
11100      c                      return      10/30/02
11200      c                      endif      10/30/02
11300      csr                      endsr      10/30/02
11400      *-----
11500      C*   Create a user space that's ST_SIZE bytes long, and      10/30/02
11600      C*   get a pointer to that user space as 'p_data'      10/30/02
11700      *-----
11800      csr      CrtUsrSpc      begsr      10/30/02
11900      C** Create the user space      10/30/02
12000      c                      callp      QUSCRTUS('DPCSOCKET QTEMP':      02/17/05
12100      c                      'HTTPAPI':      01/21/05
12200      c                      st_size: x'00':      10/30/02
12300      c                      '*ALL':      10/30/02
12400      c                      'HTTPAPI DPCSOCKET User Space':      02/17/05
12500      c                      '*YES':      10/30/02
12600      c                      dsEC)      10/30/02
12700                                                                    10/30/02
12800      c                      if      dsECBytesA > 0      10/30/02
12900      * Error occurred while creating user space.      02/22/05
13000      c                      move      '03'                      Error      02/22/05
13100      c                      return      10/30/02
13200      c                      endif      10/30/02
13300                                                                    10/30/02
13400      C** Get pointer to user space      10/30/02
13500      c                      callp      QUSPTRUS('DPCSOCKET QTEMP': p_Data)      02/17/05
13600                                                                    02/18/05
13700      csr                      endsr      10/30/02
13800      *-----
13900      C*   Copy all of the data from the stream file to the user space      10/30/02
14000      *-----
14100      csr      CopyToSpc      begsr      10/30/02
14200      c                      eval      sf = open(%trimr(stmf):      10/30/02
14300      c                      O_RDONLY + O_TEXTDATA)      10/30/02
14400      c                      if      sf < 0      10/30/02
14500      * Cannot open Outbound file      02/22/05
14600      c                      move      '04'                      Error      02/22/05
14700      c                      return      10/30/02
14800      c                      endif      10/30/02
14900                                                                    10/30/02
15000      c                      if      read(sf: p_data: st_size) < st_size      10/30/02
15100      * Unable to read the entire outbound file      02/22/05
15200      c                      callp      close(sf)      10/30/02
15300      c                      move      '05'                      Error      02/22/05
15400      c                      return      10/30/02
15500      c                      endif      10/30/02
15600                                                                    10/30/02
15700      c                      callp      close(sf)      10/30/02
15800      csr                      endsr      10/30/02
15900      *-----

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SEQNBR\*...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8 ...+... 9 ...+... 0  
16000 /define ERRNO\_LOAD\_PROCEDURE  
16100 /copy libhttp/qrpglesrc,errno\_h

10/30/02  
01/03/06

\* \* \* \* E N D O F S O U R C E \* \* \* \*