

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 January 2010 (21.01.2010)

PCT

(10) International Publication Number
WO 2010/009009 A1

- (51) **International Patent Classification:**
H04L 9/00 (2006.01)
- (21) **International Application Number:**
PCT/US2009/050203
- (22) **International Filing Date:**
10 July 2009 (10.07.2009)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
12/218,594 16 July 2008 (16.07.2008) US
- (71) **Applicant (for all designated States except US):**
CLEVERSAFE, INC. [US/US]; 224 North Desplaines Street, Suite 500, Chicago, IL 60661 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **DHUSE, Greg** [US/US]; 2423 North Mozart Avenue #2, Chicago, IL 60647 (US). **GLADWIN, S., Christopher** [US/US]; 2244 North Bissell Street #2, Chicago, IL 60614 (US).
- (74) **Agent:** **MARKISON, Timothy, W.**; Garlick Harrison & Markison, P. O. Box 160727, Austin, TX 78716-0727 (US).
- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

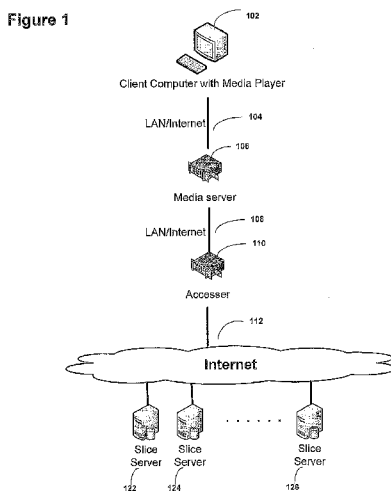
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

Published:

— with international search report (Art. 21(3))

WO 2010/009009 A1

(54) **Title:** STREAMING MEDIA SOFTWARE INTERFACE TO A DISPERSED DATA STORAGE NETWORK



(57) **Abstract:** A client computer streams a digital media presentation from a dispersed data storage network including a plurality of slice servers. A dispersed data storage network access component streams data directly from the dispersed data storage network and passes data to a media player, also residing on the client computer.

STREAMING MEDIA SOFTWARE INTERFACE TO A DISPERSED DATA
STORAGE NETWORK

Inventors: Greg Dhuse and S. Christopher Gladwin

CROSS-REFERENCE TO RELATED APPLICATIONS

[001] This application is related to the following co-pending applications, all of which are assigned to Cleversafe, Inc. of Chicago, Illinois and are hereby incorporated by reference: 11/973,613, 11/973,622, 11/973,542, 11/973,621, 11/241,555, 11/403,684, 11/404,071, 11/403,391, and 12/080,042, as well as the application entitled FILE SYSTEM ADAPTED FOR USE WITH A DISPERSED DATA STORAGE NETWORK, filed on July 11, 2008 by inventors Srinivas Palthepe, Andrew Baptist, Bart Cilfone, Vance Thornton, Greg Dhuse, Ilya Volvolski, Jason Resch, John Quigley, S. Christopher Gladwin, and Zachary Mark, all of Cleversafe, Inc. of Chicago, Illinois.

REFERENCE TO INCORPORATED COMPACT DISC

[002] This application incorporates by reference the following source code files submitted on a compact disc along with this application:

Directory of D:\

```
07/15/2008 05:24 PM <DIR> EXTRAS
07/15/2008 06:41 PM <DIR> MEDIA
0 File(s) 0 bytes
```

Directory of D:\EXTRAS

```
07/15/2008 05:24 PM <DIR> .
07/15/2008 06:49 PM <DIR> ..
07/15/2008 10:47 AM 2,258 BASEREAD.JAV
07/15/2008 10:47 AM 2,273 BASEWRIT.JAV
07/15/2008 10:47 AM 3,218 COPIER.JAV
07/15/2008 10:47 AM 7,555 DSCP.JAV
07/15/2008 05:26 PM <DIR> MEDIA
07/15/2008 10:47 AM 4,039 RAWREADC.JAV
07/15/2008 10:47 AM 4,417 RAWWRITE.JAV
07/15/2008 10:47 AM 2,402 READCOPI.JAV
07/15/2008 10:47 AM 2,395 WRITECOP.JAV
07/15/2008 05:25 PM <DIR> _SVN
8 File(s) 28,557 bytes
```

Directory of D:\EXTRAS\MEDIA

```
07/15/2008 05:26 PM <DIR> .
07/15/2008 05:24 PM <DIR> ..
07/15/2008 06:52 PM <DIR> PROTOTYP
0 File(s) 0 bytes
```

Directory of D:\EXTRAS\MEDIA\PROTOTYP

```
07/15/2008 06:52 PM <DIR> .
07/15/2008 05:26 PM <DIR> ..
07/15/2008 05:38 PM <DIR> MEDIA
07/15/2008 05:29 PM <DIR> PLATFORM
0 File(s) 0 bytes
```

Directory of D:\EXTRAS\MEDIA\PROTOTYP\MEDIA

```
07/15/2008 05:38 PM <DIR> .
07/15/2008 06:52 PM <DIR> ..
07/15/2008 10:46 AM 2,245 BASEMEDI.JAV
07/15/2008 10:46 AM 5,503 DSNETMED.JAV
07/15/2008 10:46 AM 2,319 FILEMEDI.JAV
07/15/2008 10:46 AM 4,050 MEDIASO2.JAV
07/15/2008 10:46 AM 2,277 MEDIASOU.JAV
07/15/2008 12:47 PM <DIR> TEXT_BAS
07/15/2008 06:52 PM <DIR> UI
5 File(s) 16,394 bytes
```

Directory of D:\EXTRAS\MEDIA\PROTOTYP\MEDIA\TEXT_BAS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 05:38 PM <DIR> ..
07/15/2008 10:46 AM 2,245 BASEMEDI.SVN
07/15/2008 10:46 AM 5,503 DSNETMED.SVN
07/15/2008 10:46 AM 2,319 FILEMEDI.SVN
07/15/2008 10:46 AM 4,050 MEDIASO2.SVN
```

07/15/2008 10:46 AM 2,277 MEDIASOU.SVN
 5 File(s) 16,394 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\MEDIA\UI

07/15/2008 06:52 PM <DIR> .
 07/15/2008 05:38 PM <DIR> ..
 07/15/2008 05:41 PM <DIR> CONTROLL
 07/15/2008 10:46 AM 5,226 MEDIAAGE.JAV
 07/15/2008 10:46 AM 13,743 STORERAN.JAV
 07/15/2008 12:47 PM <DIR> TEXT_BAS
 2 File(s) 18,969 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\MEDIA\UI\CONTROLL

07/15/2008 05:41 PM <DIR> .
 07/15/2008 06:52 PM <DIR> ..
 07/15/2008 10:46 AM 3,305 DSNETMED.JAV
 07/15/2008 10:46 AM 2,043 MEDIAAG2.JAV
 07/15/2008 10:46 AM 4,676 MEDIAAGE.JAV
 07/15/2008 12:47 PM <DIR> TEXT_BAS
 3 File(s) 10,024 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\MEDIA\UI\CONTROLL\TEXT_BAS

07/15/2008 12:47 PM <DIR> .
 07/15/2008 05:41 PM <DIR> ..
 07/15/2008 10:46 AM 3,305 DSNETMED.SVN
 07/15/2008 10:46 AM 2,043 MEDIAAG2.SVN
 07/15/2008 10:46 AM 4,676 MEDIAAGE.SVN
 3 File(s) 10,024 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\MEDIA\UI\TEXT_BAS

07/15/2008 12:47 PM <DIR> .
 07/15/2008 06:52 PM <DIR> ..
 07/15/2008 10:46 AM 3,394 MEDIAAG2.SVN
 07/15/2008 10:46 AM 5,226 MEDIAAGE.SVN
 07/15/2008 10:46 AM 13,743 STORERAN.SVN
 3 File(s) 22,363 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\PLATFORM

07/15/2008 05:29 PM <DIR> .
 07/15/2008 06:52 PM <DIR> ..
 07/15/2008 05:30 PM <DIR> DIRECTSH
 0 File(s) 0 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\PLATFORM\DIRECTSH

07/15/2008 05:30 PM <DIR> .
 07/15/2008 05:29 PM <DIR> ..
 07/15/2008 06:53 PM <DIR> BASECLAS
 07/15/2008 05:32 PM <DIR> DSINPUT
 0 File(s) 0 bytes

Directory of D:\EXTRAS\MEDIA\PROTOTYP\PLATFORM\DIRECTSH\BASECLAS

```

07/15/2008 06:53 PM <DIR> .
07/15/2008 05:30 PM <DIR> ..
07/15/2008 10:46 AM 3,169 AMEXTRA.CPP
07/15/2008 10:46 AM 1,644 AMEXTRA.H
07/15/2008 10:46 AM 159,178 AMFILTER.CPP
07/15/2008 10:46 AM 58,484 AMFILTER.H
07/15/2008 10:46 AM 9,611 AMVIDEO.CPP
07/15/2008 10:46 AM 10,703 ARITHUTI.CPP
07/15/2008 10:46 AM 2,898 CACHE.H
07/15/2008 10:46 AM 3,771 CHECKBMI.H
07/15/2008 10:46 AM 7,877 COMBASE.CPP
07/15/2008 10:46 AM 10,431 COMBASE.H
07/15/2008 10:46 AM 10,563 CPROP.CPP
07/15/2008 10:46 AM 4,390 CPROP.H
07/15/2008 10:46 AM 55,484 CTLUTIL.CPP
07/15/2008 10:46 AM 28,542 CTLUTIL.H
07/15/2008 10:46 AM 3,208 DDMM.CPP
07/15/2008 10:46 AM 989 DDMM.H
07/15/2008 10:46 AM 9,902 DLLENTY.CPP
07/15/2008 10:46 AM 18,330 DLLSETUP.CPP
07/15/2008 10:46 AM 1,407 DLLSETUP.H
07/15/2008 10:46 AM 10,249 DXMPERF.H
07/15/2008 10:46 AM 2,082 FOURCC.H
07/15/2008 10:46 AM 8,168 MEASURE.H
07/15/2008 10:46 AM 3,589 MSGTHRD.H
07/15/2008 10:46 AM 12,199 MTYPE.CPP
07/15/2008 10:46 AM 3,071 MTYPE.H
07/15/2008 10:46 AM 24,180 OUTPUTQ.CPP
07/15/2008 10:46 AM 4,823 OUTPUTQ.H
07/15/2008 10:46 AM 8,477 PERFLOG.CPP
07/15/2008 10:46 AM 1,328 PERFLOG.H
07/15/2008 10:46 AM 7,130 PERFSTRU.H
07/15/2008 10:46 AM 4,861 PSTREAM.CPP
07/15/2008 10:46 AM 4,285 PSTREAM.H
07/15/2008 10:46 AM 11,571 PULLPIN.CPP
07/15/2008 10:46 AM 4,461 PULLPIN.H
07/15/2008 10:46 AM 13,173 REFCLOCK.CPP
07/15/2008 10:46 AM 7,686 REFCLOCK.H
07/15/2008 10:46 AM 2,867 REFTIME.H
07/15/2008 10:46 AM 99,527 RENBASE.CPP
07/15/2008 10:46 AM 21,098 RENBASE.H
07/15/2008 10:46 AM 7,947 SCHEDULE.CPP
07/15/2008 10:46 AM 4,389 SCHEDULE.H
07/15/2008 10:46 AM 2,583 SEEKPT.CPP
07/15/2008 10:46 AM 887 SEEKPT.H
07/15/2008 10:46 AM 12,708 SOURCE.CPP
07/15/2008 10:46 AM 5,976 SOURCE.H
07/15/2008 10:46 AM 6,693 STREAMS.H
07/15/2008 10:46 AM 12,999 STRMCTL.CPP
07/15/2008 10:46 AM 6,220 STRMCTL.H
07/15/2008 10:46 AM 2,118 SYSCLOCK.CPP
07/15/2008 10:46 AM 1,307 SYSCLOCK.H
07/15/2008 12:47 PM <DIR> TEXT_BAS
07/15/2008 10:46 AM 28,598 TRANSFRM.CPP
07/15/2008 10:46 AM 9,880 TRANSFRM.H
07/15/2008 10:46 AM 34,628 TRANSIP.CPP
07/15/2008 10:46 AM 8,874 TRANSIP.H
07/15/2008 10:46 AM 23,565 VIDEOCTL.CPP

```

```

07/15/2008 10:46 AM          7,829 VIDEOCTL.H
07/15/2008 10:46 AM        17,536 VTRANS.CPP
07/15/2008 10:46 AM          6,798 VTRANS.H
07/15/2008 10:46 AM        68,476 WINCTRL.CPP
07/15/2008 10:46 AM        10,695 WINCTRL.H
07/15/2008 10:46 AM        96,412 WINUTIL.CPP
07/15/2008 10:46 AM        16,981 WINUTIL.H
07/15/2008 10:46 AM        49,393 WXDEBUG.CPP
07/15/2008 10:46 AM        12,570 WXDEBUG.H
07/15/2008 10:46 AM        25,158 WXLIST.CPP
07/15/2008 10:46 AM        20,441 WXLIST.H
07/15/2008 10:46 AM        20,460 WXUTIL.CPP
07/15/2008 10:46 AM        16,068 WXUTIL.H
        68 File(s)          1,193,595 bytes
    
```

Directory of
D:\EXTRAS\MEDIA\PROTOTYP\PLATFORM\DIRECTSH\BASECLAS\TEXT_BAS

```

07/15/2008 12:47 PM    <DIR>          .
07/15/2008 06:53 PM    <DIR>          ..
07/15/2008 10:46 AM          1,644 AMEXTRA2.SVN
07/15/2008 10:46 AM          3,169 AMEXTRA_.SVN
07/15/2008 10:46 AM          58,484 AMFILTE2.SVN
07/15/2008 10:46 AM        159,178 AMFILTER.SVN
07/15/2008 10:46 AM          9,611 AMVIDEO_.SVN
07/15/2008 10:46 AM         10,703 ARITHUTI_.SVN
07/15/2008 10:46 AM         10,363 BASECLA2.SVN
07/15/2008 10:46 AM          1,324 BASECLAS.SVN
07/15/2008 10:46 AM          2,898 CACHE_H.SVN
07/15/2008 10:46 AM          3,771 CHECKBMI.SVN
07/15/2008 10:46 AM         10,431 COMBASE2.SVN
07/15/2008 10:46 AM          7,877 COMBASE_.SVN
07/15/2008 10:46 AM         10,563 CPROP_CP.SVN
07/15/2008 10:46 AM          4,390 CPROP_H.SVN
07/15/2008 10:46 AM        28,542 CTLUTIL2.SVN
07/15/2008 10:46 AM        55,484 CTLUTIL_.SVN
07/15/2008 10:46 AM          3,208 DDMM_CPP.SVN
07/15/2008 10:46 AM          989 DDMM_H.SVN
07/15/2008 10:46 AM          9,902 DLLENTY.SVN
07/15/2008 10:46 AM          1,407 DLLSETU2.SVN
07/15/2008 10:46 AM         18,330 DLLSETUP.SVN
07/15/2008 10:46 AM         10,249 DXMPERF_.SVN
07/15/2008 10:46 AM          2,082 FOURCC_H.SVN
07/15/2008 10:46 AM          8,168 MEASURE_.SVN
07/15/2008 10:46 AM          3,589 MSGTHRD_.SVN
07/15/2008 10:46 AM        12,199 MTYPE_CP.SVN
07/15/2008 10:46 AM          3,071 MTYPE_H.SVN
07/15/2008 10:46 AM          4,823 OUTPUTQ2.SVN
07/15/2008 10:46 AM        24,180 OUTPUTQ_.SVN
07/15/2008 10:46 AM          1,328 PERFLOG2.SVN
07/15/2008 10:46 AM          8,477 PERFLOG_.SVN
07/15/2008 10:46 AM          7,130 PERFSTRU.SVN
07/15/2008 10:46 AM          4,285 PSTREAM2.SVN
07/15/2008 10:46 AM          4,861 PSTREAM_.SVN
07/15/2008 10:46 AM          4,461 PULLPIN2.SVN
07/15/2008 10:46 AM        11,571 PULLPIN_.SVN
07/15/2008 10:46 AM          7,686 REFCLOC2.SVN
07/15/2008 10:46 AM        13,173 REFCLOCK.SVN
    
```

```

07/15/2008 10:46 AM          2,867 REF'TIME_.SVN
07/15/2008 10:46 AM        21,098 RENBASE2_.SVN
07/15/2008 10:46 AM       99,527 RENBASE_.SVN
07/15/2008 10:46 AM        4,389 SCHEDUL2_.SVN
07/15/2008 10:46 AM        7,947 SCHEDULE_.SVN
07/15/2008 10:46 AM        2,583 SEEKPT_C.SVN
07/15/2008 10:46 AM         887 SEEKPT_H.SVN
07/15/2008 10:46 AM       12,708 SOURCE_C.SVN
07/15/2008 10:46 AM        5,976 SOURCE_H.SVN
07/15/2008 10:46 AM        6,693 STREAMS_.SVN
07/15/2008 10:46 AM        6,220 STRMCTL2_.SVN
07/15/2008 10:46 AM       12,999 STRMCTL_.SVN
07/15/2008 10:46 AM        1,307 SYSCLOC2_.SVN
07/15/2008 10:46 AM        2,118 SYSCLOCK.SVN
07/15/2008 10:46 AM        9,880 TRANSFR2_.SVN
07/15/2008 10:46 AM       28,598 TRANSFRM.SVN
07/15/2008 10:46 AM        8,874 TRANSIP2_.SVN
07/15/2008 10:46 AM       34,628 TRANSIP_.SVN
07/15/2008 10:46 AM        7,829 VIDEOCT2_.SVN
07/15/2008 10:46 AM       23,565 VIDEOCTL.SVN
07/15/2008 10:46 AM       17,536 VTRANS_C.SVN
07/15/2008 10:46 AM        6,798 VTRANS_H.SVN
07/15/2008 10:46 AM       10,695 WINCTRL2_.SVN
07/15/2008 10:46 AM       68,476 WINCTRL_.SVN
07/15/2008 10:46 AM       16,981 WINUTIL2_.SVN
07/15/2008 10:46 AM       96,412 WINUTIL_.SVN
07/15/2008 10:46 AM       12,570 WXDEBUG2_.SVN
07/15/2008 10:46 AM       49,393 WXDEBUG_.SVN
07/15/2008 10:46 AM       25,158 WXLIST_C.SVN
07/15/2008 10:46 AM       20,441 WXLIST_H.SVN
07/15/2008 10:46 AM       20,460 WXUTIL_C.SVN
07/15/2008 10:46 AM       16,068 WXUTIL_H.SVN
      70 File(s)          1,205,282 bytes
    
```

Directory of D:\EXTRAS\MEDIA\PROTOTYP\PLATFORM\DIRECTSH\DSINPUT

```

07/15/2008 05:32 PM    <DIR>      .
07/15/2008 05:30 PM    <DIR>      ..
07/15/2008 10:46 AM          1,799 DSFILEME.CPP
07/15/2008 10:46 AM          5,207 DSINPUTF.CPP
07/15/2008 10:46 AM           269 DSINPUTF.DEF
07/15/2008 10:46 AM          2,753 DSINPUTF.H
07/15/2008 10:46 AM          6,801 DSINPUTO.CPP
07/15/2008 10:46 AM          3,362 DSINPUTO.H
07/15/2008 10:46 AM          9,538 DSJNIMED.CPP
07/15/2008 10:46 AM          3,192 DSMEDIAS.H
07/15/2008 12:47 PM    <DIR>      TEXT_BAS
      8 File(s)          32,921 bytes
    
```

Directory of D:\EXTRAS\MEDIA\PROTOTYP\PLATFORM\DIRECTSH\DSINPUT\TEXT_BAS

```

07/15/2008 12:47 PM    <DIR>      .
07/15/2008 05:32 PM    <DIR>      ..
07/15/2008 10:46 AM          1,799 DSFILEME.SVN
07/15/2008 10:46 AM           269 DSINPUT2.SVN
07/15/2008 10:46 AM          2,753 DSINPUT3.SVN
07/15/2008 10:46 AM          3,362 DSINPUT4.SVN
    
```

```

07/15/2008 10:46 AM          5,207 DSINPUTF.SVN
07/15/2008 10:46 AM          6,801 DSINPUTO.SVN
07/15/2008 10:46 AM          5,038 DSINPUT_.SVN
07/15/2008 10:46 AM          9,538 DSJNIMED.SVN
07/15/2008 10:46 AM          3,192 DSMEDIAS.SVN
          9 File(s)          37,959 bytes
    
```

Directory of D:\EXTRAS_SVN

```

07/15/2008 05:25 PM    <DIR>          .
07/15/2008 05:24 PM    <DIR>          ..
07/15/2008 10:47 AM          1,538 ALL_WCPR
07/15/2008 10:47 AM          1,317 ENTRIES
07/15/2008 10:47 AM              2 FORMAT
07/15/2008 12:47 PM    <DIR>          TEXT_BAS
          3 File(s)          2,857 bytes
    
```

Directory of D:\EXTRAS_SVN\TEXT_BAS

```

07/15/2008 12:47 PM    <DIR>          .
07/15/2008 05:25 PM    <DIR>          ..
07/15/2008 10:47 AM          2,258 BASEREAD.SVN
07/15/2008 10:47 AM          2,273 BASEWRIT.SVN
07/15/2008 10:47 AM          3,218 COPIER_J.SVN
07/15/2008 10:47 AM          7,555 DSCP_JAV.SVN
07/15/2008 10:47 AM          4,039 RAWREADC.SVN
07/15/2008 10:47 AM          4,417 RAWWRITE.SVN
07/15/2008 10:47 AM          2,402 READCOPI.SVN
07/15/2008 10:47 AM          2,395 WRITECOP.SVN
          8 File(s)          28,557 bytes
    
```

Directory of D:\MEDIA

```

07/15/2008 06:41 PM    <DIR>          .
07/15/2008 06:49 PM    <DIR>          ..
07/15/2008 05:58 PM    <DIR>          BLOCKDEV
07/15/2008 06:27 PM    <DIR>          CORE_ORG
07/15/2008 06:28 PM    <DIR>          FILEDEVI
07/15/2008 06:46 PM    <DIR>          SLICESER
          0 File(s)          0 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV

```

07/15/2008 05:58 PM    <DIR>          .
07/15/2008 06:41 PM    <DIR>          ..
11/28/2007 11:52 AM          892 .CLA
11/28/2007 11:52 AM          456 .PRO
07/15/2008 12:45 PM    <DIR>          LIB
07/15/2008 12:45 PM    <DIR>          MISC
07/15/2008 12:45 PM    <DIR>          RESOURCE
07/15/2008 12:45 PM    <DIR>          SRC
07/15/2008 05:50 PM    <DIR>          TEST
          2 File(s)          1,348 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\LIB

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 05:58 PM    <DIR>          ..
    
```



```
12/19/2007 03:02 PM          7,333 JSCSI_CO.JAR
01/10/2008 11:56 AM        202,705 JSCSI_SC.JAR
          2 File(s)          210,038 bytes
```

Directory of D:\MEDIA\BLOCKDEV\MISC

```
07/15/2008 12:45 PM    <DIR>      .
07/15/2008 05:58 PM    <DIR>      ..
07/15/2008 12:45 PM    <DIR>      DRIVERS
          0 File(s)          0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS

```
07/15/2008 12:45 PM    <DIR>      .
07/15/2008 12:45 PM    <DIR>      ..
07/15/2008 12:45 PM    <DIR>      INCLUDE
07/15/2008 12:45 PM    <DIR>      LINUX
07/15/2008 05:42 PM    <DIR>      WINDOWS
          0 File(s)          0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\INCLUDE

```
07/15/2008 12:45 PM    <DIR>      .
07/15/2008 12:45 PM    <DIR>      ..
05/20/2007 08:28 PM          4,772 DSD_COMM.H
          1 File(s)          4,772 bytes
```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\LINUX

```
07/15/2008 12:45 PM    <DIR>      .
07/15/2008 12:45 PM    <DIR>      ..
05/13/2007 11:06 PM          19,107 BLKDEV.C
05/20/2007 08:28 PM          4,241 BUSDEV.C
05/06/2007 11:26 PM          4,094 DSD.H
05/06/2007 11:26 PM          3,824 DSD_DEVI
07/15/2008 12:45 PM    <DIR>      ETC
05/06/2007 11:26 PM          1,420 MAKEFILE
05/06/2007 11:26 PM          9,620 NET.C
05/06/2007 11:26 PM          1,949 README
05/06/2007 11:26 PM           297 TODO
          8 File(s)          44,552 bytes
```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\LINUX\ETC

```
07/15/2008 12:45 PM    <DIR>      .
07/15/2008 12:45 PM    <DIR>      ..
05/06/2007 11:26 PM        73,504 2_6_21_1.CON
          1 File(s)          73,504 bytes
```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\WINDOWS

```
07/15/2008 05:42 PM    <DIR>      .
07/15/2008 12:45 PM    <DIR>      ..
07/15/2008 05:42 PM    <DIR>      DSD
07/15/2008 05:43 PM    <DIR>      DSDBUS
05/20/2007 08:28 PM          8,958 DSDNET.C
07/15/2008 12:45 PM    <DIR>      INCLUDE
05/20/2007 08:28 PM        15,242 KSOCKET.C
```

```

05/20/2007 08:28 PM          23,068 KTDI.C
05/20/2007 08:28 PM          281 TODO.TXT
          4 File(s)          47,549 bytes

```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\WINDOWS\DSD

```

07/15/2008 05:42 PM    <DIR>          .
07/15/2008 05:42 PM    <DIR>          ..
05/20/2007 08:28 PM          20,679 DSD.C
05/20/2007 08:28 PM          2,772 DSD.H
05/20/2007 08:28 PM          1,893 DSD.INF
05/20/2007 08:28 PM          22,219 IOCTL.C
          4 File(s)          47,563 bytes

```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\WINDOWS\DSDBUS

```

07/15/2008 05:43 PM    <DIR>          .
07/15/2008 05:42 PM    <DIR>          ..
05/20/2007 08:28 PM          11,112 DSDBUS.C
05/20/2007 08:28 PM          2,712 DSDBUS.H
05/20/2007 08:28 PM          2,017 DSDBUS.INF
          3 File(s)          15,841 bytes

```

Directory of D:\MEDIA\BLOCKDEV\MISC\DRIVERS\WINDOWS\INCLUDE

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 05:42 PM    <DIR>          ..
05/20/2007 08:28 PM          2,093 DSDNET.H
05/20/2007 08:28 PM          2,591 DSD_WIN_.H
05/20/2007 08:28 PM          4,833 KSOCKET.H
05/20/2007 08:28 PM          2,160 KTDI.H
          4 File(s)          11,677 bytes

```

Directory of D:\MEDIA\BLOCKDEV\RESOURCE

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 05:58 PM    <DIR>          ..
07/15/2008 12:45 PM    <DIR>          ORG
          0 File(s)          0 bytes

```

Directory of D:\MEDIA\BLOCKDEV\RESOURCE\ORG

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
07/15/2008 12:45 PM    <DIR>          CLEVERSA
          0 File(s)          0 bytes

```

Directory of D:\MEDIA\BLOCKDEV\RESOURCE\ORG\CLEVERSA

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
07/15/2008 12:45 PM    <DIR>          LAYER
          0 File(s)          0 bytes

```

Directory of D:\MEDIA\BLOCKDEV\RESOURCE\ORG\CLEVERSA\LAYER

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..

```

07/15/2008 12:45 PM <DIR> ISCSI
 0 File(s) 0 bytes

Directory of D:\MEDIA\BLOCKDEV\RESOURCE\ORG\CLEVERSA\LAYER\ISCSI

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 3,921 BUFFERED.JSA
 10/24/2007 01:00 AM 2,929 ISCSI_TA.JSA
 2 File(s) 6,850 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC

07/15/2008 12:45 PM <DIR> .
 07/15/2008 05:58 PM <DIR> ..
 07/15/2008 12:45 PM <DIR> JNI
 07/15/2008 05:44 PM <DIR> ORG
 0 File(s) 0 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\JNI

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 07/18/2007 05:19 PM 673 BUILD.BAT
 07/18/2007 05:19 PM 11,925 COM_CLEV.C
 07/18/2007 05:19 PM 572 MAKEFILE
 3 File(s) 13,170 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG

07/15/2008 05:44 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 07/15/2008 05:46 PM <DIR> CLEVERSA
 07/15/2008 12:45 PM <DIR> JSCSI
 0 File(s) 0 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA

07/15/2008 05:46 PM <DIR> .
 07/15/2008 05:44 PM <DIR> ..
 07/15/2008 05:46 PM <DIR> ACCESS
 07/15/2008 12:45 PM <DIR> BLOCK
 07/15/2008 12:45 PM <DIR> ISCSI
 07/15/2008 12:45 PM <DIR> LU
 07/15/2008 12:45 PM <DIR> TASKS
 0 File(s) 0 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ACCESS

07/15/2008 05:46 PM <DIR> .
 07/15/2008 05:46 PM <DIR> ..
 07/15/2008 12:45 PM <DIR> EXCEPTIO
 12/12/2007 11:39 PM 4,045 GRIDACCE.JAV
 07/15/2008 05:47 PM <DIR> MANAGERS
 12/12/2007 11:39 PM 2,949 SERVICE.JAV
 01/10/2008 03:01 PM 7,051 SERVICEI.JAV
 07/15/2008 12:45 PM <DIR> TEST
 3 File(s) 14,045 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ACCESS\EXCEPTIO

```

07/15/2008 12:45 PM <DIR> .
07/15/2008 05:46 PM <DIR> ..
12/17/2007 05:31 PM 1,846 ACCESSCO.JAV
12/17/2007 05:31 PM 1,776 ACCESSIO.JAV
12/17/2007 05:31 PM 1,768 ACCESSLA.JAV
12/17/2007 05:31 PM 1,864 ACCESSST.JAV
12/17/2007 05:31 PM 1,831 INVALIDV.JAV
12/17/2007 05:31 PM 1,860 SERVICE2.JAV
12/17/2007 05:31 PM 1,840 SERVICE3.JAV
12/17/2007 05:31 PM 1,857 SERVICE4.JAV
12/17/2007 05:31 PM 1,865 SERVICEC.JAV
12/17/2007 05:31 PM 1,884 SERVICEI.JAV
12/17/2007 05:31 PM 1,820 SERVICEN.JAV
12/17/2007 05:31 PM 1,831 SERVICES.JAV
    12 File(s)          22,042 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ACCESS\MANAGERS

```

07/15/2008 05:47 PM <DIR> .
07/15/2008 05:46 PM <DIR> ..
01/10/2008 03:01 PM 11,294 LOCALFI2.JAV
12/17/2007 05:31 PM 2,751 LOCALFI3.JAV
12/17/2007 05:31 PM 23,825 LOCALFIL.JAV
01/09/2008 05:17 PM 5,755 SERVICEI.JAV
01/09/2008 05:17 PM 4,589 SERVICES.JAV
    5 File(s)          48,214 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ACCESS\TEST

```

07/15/2008 12:45 PM <DIR> .
07/15/2008 05:46 PM <DIR> ..
01/10/2008 03:01 PM 5,571 TESTSER2.JAV
12/12/2007 11:39 PM 2,941 TESTSERV.JAV
    2 File(s)          8,512 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\BLOCK

```

07/15/2008 12:45 PM <DIR> .
07/15/2008 05:46 PM <DIR> ..
02/17/2008 05:30 PM 5,838 BLOCKDE2.JAV
11/30/2007 03:07 AM 13,648 BLOCKDEV.JAV
07/15/2008 05:48 PM <DIR> DSD
07/15/2008 12:45 PM <DIR> EXCEPTIO
    2 File(s)          19,486 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\BLOCK\DSD

```

07/15/2008 05:48 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
10/16/2007 10:50 PM 5,517 BLOCKDE2.JAV
08/27/2007 02:44 PM 4,376 BLOCKDEV.JAV
07/24/2007 06:52 PM 4,498 DEVICEME.JAV
07/24/2007 06:52 PM 3,261 READBLO2.JAV
07/24/2007 06:52 PM 4,059 READBLOC.JAV
07/24/2007 06:52 PM 2,275 REMOVEDE.JAV
    
```

```

07/24/2007 06:52 PM          2,413 REMOVEERE.JAV
10/16/2007 10:50 PM          6,960 SYSTEMB2.JAV
11/30/2007 03:07 AM          4,761 SYSTEMB3.JAV
07/24/2007 06:52 PM         10,106 SYSTEMBL.JAV
07/24/2007 06:52 PM          3,032 WRITEBL2.JAV
07/24/2007 06:52 PM          4,155 WRITEBLO.JAV
          12 File(s)          55,413 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\BLOCK\EXCEPTIO

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
10/02/2007 07:02 PM          1,871 BLOCKCOR.JAV
07/24/2007 06:52 PM          2,005 BLOCKIOE.JAV
07/24/2007 06:52 PM          1,999 BLOCKLAY.JAV
          3 File(s)          5,875 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ISCSI

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 05:46 PM    <DIR>          ..
07/15/2008 05:49 PM    <DIR>          AUTHENTI
01/09/2008 05:17 PM          9,304 BUFFERED.JAV
07/15/2008 12:45 PM    <DIR>          EXCEPTIO
01/10/2008 03:01 PM         13,232 ISCSIPOR.JAV
01/10/2008 11:49 AM         18,017 ISCSITA2.JAV
01/10/2008 11:49 AM          4,632 ISCSITA3.JAV
01/09/2008 01:14 PM          1,451 ISCSITAR.JAV
12/21/2007 05:56 PM          4,124 ISCSIUTI.JAV
01/11/2008 05:20 PM         61,016 PROTOTYP.JAV
12/03/2007 06:47 PM         55,729 STANDALO.JAV
07/15/2008 12:45 PM    <DIR>          TASKS
          8 File(s)         167,505 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ISCSI\AUTHENTI

```

07/15/2008 05:49 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
01/08/2008 02:26 PM         11,536 CHAPAUTH.JAV
01/02/2008 12:37 PM          1,833 CHAPCHAL.JAV
01/02/2008 12:43 PM          2,230 ISCSIAUT.JAV
12/21/2007 06:21 PM          1,794 SOURCEOF.JAV
          4 File(s)         17,393 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ISCSI\EXCEPTIO

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
12/17/2007 05:31 PM          1,861 CONNECTI.JAV
12/17/2007 05:31 PM          1,771 ISCSILAY.JAV
          2 File(s)          3,632 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\ISCSI\TASKS

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
12/19/2007 03:49 PM          1,577 ABSTRACT.JAV
12/19/2007 03:49 PM          1,484 DATAOUTT.JAV
    
```

```

12/19/2007 03:49 PM          1,404 ISCSITAS.JAV
12/19/2007 03:49 PM          1,480 LOGINTAS.JAV
12/19/2007 03:49 PM          1,482 LOGOUTTA.JAV
12/19/2007 03:49 PM          1,476 NOPTASK.JAV
12/19/2007 03:49 PM          1,478 SCSITASK.JAV
12/19/2007 03:49 PM          1,478 TEXTTASK.JAV
12/19/2007 03:49 PM          1,474 TMTASK.JAV
          9 File(s)          13,333 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\LU

```

07/15/2008 12:45 PM <DIR>          .
07/15/2008 05:46 PM <DIR>          ..
12/19/2007 03:02 PM          2,900 GRIDLOGI.JAV
          1 File(s)          2,900 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\CLEVERSA\TASKS

```

07/15/2008 12:45 PM <DIR>          .
07/15/2008 05:46 PM <DIR>          ..
12/03/2007 06:47 PM          6,464 GRIDTAS2.JAV
12/03/2007 06:47 PM          2,740 GRIDTASK.JAV
12/12/2007 02:18 PM          3,198 READCAPA.JAV
12/03/2007 06:47 PM          5,412 READGRID.JAV
12/03/2007 06:47 PM          6,172 WRITEGRI.JAV
          5 File(s)          23,986 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI

```

07/15/2008 12:45 PM <DIR>          .
07/15/2008 05:44 PM <DIR>          ..
12/03/2007 06:47 PM          32,731 CONFIGUR.JAV
07/15/2008 12:45 PM <DIR>          CONNECTI
12/03/2007 06:47 PM          3,038 DEVICE.JAV
12/03/2007 06:47 PM          4,049 DUMMYDEV.JAV
12/03/2007 06:47 PM          8,697 INITIATO.JAV
12/03/2007 06:47 PM          4,430 JSCSIDEV.JAV
12/03/2007 06:47 PM          149 PACKAGE.HTM
07/15/2008 12:45 PM <DIR>          PARSER
12/03/2007 06:47 PM          4,785 PREFETCH.JAV
12/03/2007 06:47 PM          10,669 RAIDODEV.JAV
12/03/2007 06:47 PM          7,657 RAID1DEV.JAV
07/15/2008 12:45 PM <DIR>          UTILS
12/03/2007 06:47 PM          4,093 WRITEBUF.JAV
          10 File(s)          80,298 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\CONNECTI

```

07/15/2008 12:45 PM <DIR>          .
07/15/2008 12:45 PM <DIR>          ..
12/03/2007 06:47 PM          3,525 CAPACIT2.JAV
12/03/2007 06:47 PM          4,308 CAPACITY.JAV
12/03/2007 06:47 PM          12,009 CONNECTI.JAV
12/03/2007 06:47 PM          9,472 FULLFEAT.JAV
12/03/2007 06:47 PM          4,329 GETCONN2.JAV
12/03/2007 06:47 PM          4,003 GETCONNE.JAV
12/03/2007 06:47 PM          7,570 IPHASE.JAV
12/03/2007 06:47 PM          4,652 ISTATE.JAV
    
```

```

12/03/2007 06:47 PM          1,682 LOGINPE.JAV
12/03/2007 06:47 PM          5,970 LOGINREQ.JAV
12/03/2007 06:47 PM          5,306 LOGINRES.JAV
12/03/2007 06:47 PM          3,201 LOGOUTR2.JAV
12/03/2007 06:47 PM          3,397 LOGOUTRE.JAV
12/03/2007 06:47 PM           123 PACKAGE.HTM
12/03/2007 06:47 PM          4,829 READREQU.JAV
12/03/2007 06:47 PM          7,763 READRESP.JAV
12/03/2007 06:47 PM          1,959 SECURITY.JAV
12/03/2007 06:47 PM         12,517 SENDERWO.JAV
12/03/2007 06:47 PM          4,899 SERIALAR.JAV
12/03/2007 06:47 PM         28,706 SESSION.JAV
12/03/2007 06:47 PM          3,405 SNACKREQ.JAV
12/03/2007 06:47 PM          3,471 TARGETCA.JAV
07/15/2008 12:45 PM    <DIR>          TASKBALA
12/03/2007 06:47 PM          5,630 WRITEFIR.JAV
12/03/2007 06:47 PM          6,290 WRITEREQ.JAV
12/03/2007 06:47 PM          5,668 WRITESE2.JAV
12/03/2007 06:47 PM          6,313 WRITESEC.JAV
          26 File(s)          160,997 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\CONNECTI\TASKBALA

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
12/03/2007 06:47 PM          3,443 ITASKBAL.JAV
12/03/2007 06:47 PM           173 PACKAGE.HTM
12/03/2007 06:47 PM          2,301 SIMPLETA.JAV
          3 File(s)          5,917 bytes
    
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER

```

07/15/2008 12:45 PM    <DIR>          .
07/15/2008 12:45 PM    <DIR>          ..
12/03/2007 06:47 PM         15,522 ABSTRACT.JAV
12/06/2007 11:55 AM         11,717 ADDITION.JAV
07/15/2008 12:45 PM    <DIR>          ASYNCHRO
12/03/2007 06:47 PM         13,809 BASICHEA.JAV
12/03/2007 06:47 PM          6,321 CONSTANT.JAV
07/15/2008 12:45 PM    <DIR>          DATA
07/15/2008 12:45 PM    <DIR>          DATASEGM
07/15/2008 12:45 PM    <DIR>          DIGEST
07/15/2008 12:45 PM    <DIR>          EXCEPTIO
12/03/2007 06:47 PM          7,859 INITIATO.JAV
07/15/2008 12:45 PM    <DIR>          LOGIN
07/15/2008 12:45 PM    <DIR>          LOGOUT
12/03/2007 06:47 PM          6,012 MESSAGEP.JAV
07/15/2008 12:45 PM    <DIR>          NOP
12/06/2007 11:55 AM         21,936 OPERATIO.JAV
12/03/2007 06:47 PM           159 PACKAGE.HTM
12/03/2007 06:47 PM          4,044 PROTOCO2.JAV
12/03/2007 06:47 PM         20,079 PROTOCOL.JAV
07/15/2008 12:45 PM    <DIR>          R2T
07/15/2008 12:45 PM    <DIR>          REJECT
07/15/2008 12:45 PM    <DIR>          SCSI
07/15/2008 12:45 PM    <DIR>          SNACK
12/03/2007 06:47 PM         10,116 TARGETME.JAV
07/15/2008 12:45 PM    <DIR>          TEXT
    
```

07/15/2008 12:45 PM <DIR> TMF
 11 File(s) 117,574 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\ASYNCHRO

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/06/2007 11:55 AM 13,448 ASYNCHRO.JAV
 12/03/2007 06:47 PM 163 PACKAGE.HTM
 2 File(s) 13,611 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\DATA

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 19,250 DATAINPA.JAV
 12/03/2007 06:47 PM 9,850 DATAOUTP.JAV
 12/03/2007 06:47 PM 167 PACKAGE.HTM
 3 File(s) 29,267 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\DATASEGM

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 13,134 ABSTRACT.JAV
 12/03/2007 06:47 PM 3,180 BINARYDA.JAV
 12/03/2007 06:47 PM 4,830 DATASEGM.JAV
 12/03/2007 06:47 PM 2,912 IDATASE2.JAV
 12/03/2007 06:47 PM 4,806 IDATASEG.JAV
 12/03/2007 06:47 PM 1,719 IRESULTF.JAV
 12/03/2007 06:47 PM 2,230 NULLDATA.JAV
 12/20/2007 04:06 PM 29,188 OPERATIO.JAV
 12/03/2007 06:47 PM 262 PACKAGE.HTM
 12/03/2007 06:47 PM 8,331 RESULTFU.JAV
 12/03/2007 06:47 PM 9,332 SETTINGS.JAV
 12/03/2007 06:47 PM 8,318 TEXTPARA.JAV
 12 File(s) 88,242 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\DIGEST

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 22,914 CRC32CDI.JAV
 12/03/2007 06:47 PM 5,753 CRCTABLE.JAV
 12/03/2007 06:47 PM 2,261 DIGESTFA.JAV
 12/03/2007 06:47 PM 1,788 IDIGEST.JAV
 12/03/2007 06:47 PM 3,113 NULLDIGE.JAV
 12/03/2007 06:47 PM 132 PACKAGE.HTM
 6 File(s) 35,961 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\EXCEPTIO

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 2,076 INTERNET.JAV
 12/03/2007 06:47 PM 2,112 NOSUCHCO.JAV
 12/03/2007 06:47 PM 2,088 NOSUCHSE.JAV
 12/03/2007 06:47 PM 2,152 OPERATIO.JAV

12/03/2007 06:47 PM 110 PACKAGE.HTM
 5 File(s) 8,538 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\LOGIN

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/06/2007 11:55 AM 14,081 ISID.JAV
 12/03/2007 06:47 PM 1,808 LOGINCON.JAV
 12/03/2007 06:47 PM 20,656 LOGINREQ.JAV
 12/03/2007 06:47 PM 16,055 LOGINRES.JAV
 12/06/2007 11:55 AM 6,172 LOGINST2.JAV
 12/06/2007 11:55 AM 2,202 LOGINSTA.JAV
 12/03/2007 06:47 PM 178 PACKAGE.HTM
 7 File(s) 61,152 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\LOGOUT

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/06/2007 11:55 AM 2,327 LOGOUTR2.JAV
 12/03/2007 06:47 PM 8,478 LOGOUTR3.JAV
 12/06/2007 11:55 AM 14,565 LOGOUTRE.JAV
 12/03/2007 06:47 PM 179 PACKAGE.HTM
 4 File(s) 25,549 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\NOP

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 6,511 NOPINPAR.JAV
 12/03/2007 06:47 PM 6,771 NOPOUTPA.JAV
 12/03/2007 06:47 PM 165 PACKAGE.HTM
 3 File(s) 13,447 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\R2T

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 165 PACKAGE.HTM
 12/03/2007 06:47 PM 9,171 READY2TR.JAV
 2 File(s) 9,336 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\REJECT

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 157 PACKAGE.HTM
 12/06/2007 11:55 AM 10,230 REJECTPA.JAV
 2 File(s) 10,387 bytes

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\SCSI

07/15/2008 12:45 PM <DIR> .
 07/15/2008 12:45 PM <DIR> ..
 12/03/2007 06:47 PM 181 PACKAGE.HTM
 12/06/2007 11:55 AM 17,215 SCSICOM2.JAV
 12/03/2007 06:47 PM 11,805 SCSICOMM.JAV

```
12/06/2007 11:55 AM          20,313 SCISIRESP.JAV
12/06/2007 11:55 AM          8,812 SCISISTAT.JAV
          5 File(s)          58,326 bytes
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\SNACK

```
07/15/2008 12:45 PM <DIR>          .
07/15/2008 12:45 PM <DIR>          ..
12/03/2007 06:47 PM          162 PACKAGE.HTM
12/06/2007 11:55 AM        16,132 SNACKREQ.JAV
          2 File(s)          16,294 bytes
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\TEXT

```
07/15/2008 12:45 PM <DIR>          .
07/15/2008 12:45 PM <DIR>          ..
12/03/2007 06:47 PM          178 PACKAGE.HTM
12/03/2007 06:47 PM          8,221 TEXTREQU.JAV
12/03/2007 06:47 PM          7,255 TEXTRESP.JAV
          3 File(s)          15,654 bytes
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\PARSER\TMF

```
07/15/2008 12:45 PM <DIR>          .
07/15/2008 12:45 PM <DIR>          ..
12/03/2007 06:47 PM          195 PACKAGE.HTM
12/06/2007 11:55 AM        12,265 TASKMAN2.JAV
12/06/2007 11:55 AM        19,750 TASKMANA.JAV
          3 File(s)          32,210 bytes
```

Directory of D:\MEDIA\BLOCKDEV\SRC\ORG\JSCSI\UTILS

```
07/15/2008 12:45 PM <DIR>          .
07/15/2008 12:45 PM <DIR>          ..
12/03/2007 06:47 PM          140 PACKAGE.HTM
12/03/2007 06:47 PM          5,177 SOFTHASH.JAV
12/03/2007 06:47 PM        10,185 UTILS.JAV
          3 File(s)          15,502 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST

```
07/15/2008 05:50 PM <DIR>          .
07/15/2008 05:58 PM <DIR>          ..
07/15/2008 12:45 PM <DIR>          ORG
07/15/2008 12:45 PM <DIR>          PERFORMA
07/15/2008 05:56 PM <DIR>          UNIT
          0 File(s)          0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\ORG

```
07/15/2008 12:45 PM <DIR>          .
07/15/2008 05:50 PM <DIR>          ..
07/15/2008 12:45 PM <DIR>          CLEVERSA
          0 File(s)          0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\ORG\CLEVERSA

```
07/15/2008 12:45 PM <DIR>          .
```

```
07/15/2008 12:45 PM <DIR> ..
07/15/2008 12:45 PM <DIR> BLOCK
0 File(s) 0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\ORG\CLEVERSA\BLOCK

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
07/18/2007 04:04 PM 4,553 FILEGENE.JAV
12/11/2007 10:04 PM 5,762 SCSIMAIN.JAV
2 File(s) 10,315 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\PERFORMA

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 05:50 PM <DIR> ..
07/15/2008 05:51 PM <DIR> ORG
0 File(s) 0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\PERFORMA\ORG

```
07/15/2008 05:51 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
07/15/2008 12:45 PM <DIR> BLOCK
07/15/2008 12:45 PM <DIR> TARGET
0 File(s) 0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\PERFORMA\ORG\BLOCK

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 05:51 PM <DIR> ..
12/03/2007 07:42 PM 20,583 BLOCKDE2.JAV
12/06/2007 12:11 PM 13,551 BLOCKDEV.JAV
12/06/2007 12:11 PM 4,659 UNRELIAB.JAV
3 File(s) 38,793 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\PERFORMA\ORG\TARGET

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 05:51 PM <DIR> ..
12/06/2007 12:11 PM 7,805 GRIDTASK.JAV
1 File(s) 7,805 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT

```
07/15/2008 05:56 PM <DIR> .
07/15/2008 05:50 PM <DIR> ..
07/15/2008 12:45 PM <DIR> BLOCK
07/15/2008 05:59 PM <DIR> ORG
0 File(s) 0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT\BLOCK

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 05:56 PM <DIR> ..
02/17/2008 05:30 PM 18,231 BLOCKDEV.JAV
1 File(s) 18,231 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT\ORG

```
07/15/2008 05:59 PM <DIR> .
07/15/2008 05:56 PM <DIR> ..
07/15/2008 05:58 PM <DIR> LAYER
                0 File(s)                0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT\ORG\LAYER

```
07/15/2008 05:58 PM <DIR> .
07/15/2008 05:59 PM <DIR> ..
07/15/2008 05:56 PM <DIR> ACCESS
07/15/2008 05:57 PM <DIR> ISCSI
07/15/2008 05:57 PM <DIR> SLICESTO
                0 File(s)                0 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT\ORG\LAYER\ACCESS

```
07/15/2008 05:56 PM <DIR> .
07/15/2008 05:58 PM <DIR> ..
01/10/2008 03:01 PM          14,428 GRIDACCE.JAV
12/12/2007 11:39 PM          26,288 LOCALFIL.JAV
                2 File(s)                40,716 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT\ORG\LAYER\ISCSI

```
07/15/2008 05:57 PM <DIR> .
07/15/2008 05:58 PM <DIR> ..
12/20/2007 04:07 PM          2,921 CHAPAUTH.JAV
12/26/2007 06:06 PM          2,497 ISCSIUTI.JAV
                2 File(s)                5,418 bytes
```

Directory of D:\MEDIA\BLOCKDEV\TEST\UNIT\ORG\LAYER\SLICESTO

```
07/15/2008 05:57 PM <DIR> .
07/15/2008 05:58 PM <DIR> ..
12/11/2007 10:04 PM          6,978 REMOTESL.JAV
                1 File(s)                6,978 bytes
```

Directory of D:\MEDIA\CORE_ORG

```
07/15/2008 06:27 PM <DIR> .
07/15/2008 06:41 PM <DIR> ..
09/19/2007 04:46 AM          4,518 .CLA
09/05/2007 02:24 PM          1,017 .PRO
07/15/2008 12:45 PM <DIR> JNI
07/15/2008 06:08 PM <DIR> SRC
07/15/2008 12:46 PM <DIR> TEST
                2 File(s)                5,535 bytes
```

Directory of D:\MEDIA\CORE_ORG\JNI

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 06:27 PM <DIR> ..
07/15/2008 06:03 PM <DIR> CAUCHY
                0 File(s)                0 bytes
```

Directory of D:\MEDIA\CORE_ORG\JNI\CAUCHY

```

07/15/2008 06:03 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
07/18/2007 02:59 PM 259 BUILD.BAT
07/18/2007 06:44 PM 19,976 CAUCHY_I.C
05/04/2007 03:53 AM 3,723 PARAMETE.H
                3 File(s) 23,958 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC

```

07/15/2008 06:08 PM <DIR> .
07/15/2008 06:27 PM <DIR> ..
07/15/2008 12:45 PM <DIR> AUTHENTI
07/15/2008 12:46 PM <DIR> CODEC
07/15/2008 12:46 PM <DIR> CONFIG
07/15/2008 12:46 PM <DIR> CONTROL
07/15/2008 12:46 PM <DIR> DAEMON
07/15/2008 12:46 PM <DIR> EXCEPTIO
07/15/2008 12:46 PM <DIR> IDA
07/15/2008 12:46 PM <DIR> LAYER
07/15/2008 12:46 PM <DIR> POLICY
07/15/2008 12:46 PM <DIR> SERIALIZ
07/15/2008 12:46 PM <DIR> SERVER
07/15/2008 12:46 PM <DIR> SVN
07/15/2008 12:46 PM <DIR> TEST
07/15/2008 12:46 PM <DIR> UTIL
07/15/2008 12:46 PM <DIR> VAULT
                0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\AUTHENTI

```

07/15/2008 12:45 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
12/06/2007 12:11 AM 2,011 AUTHENT2.JAV
08/17/2007 05:06 PM 2,157 AUTHENT3.JAV
07/15/2008 12:45 PM <DIR> AUTHENTI
11/30/2007 02:00 PM 2,434 AUTHENTI.JAV
07/15/2008 12:45 PM <DIR> CLI
07/23/2007 03:18 PM 2,388 CREDENT2.JAV
07/15/2008 12:45 PM <DIR> CREDENTI
07/23/2007 03:18 PM 1,959 CREDENTI.JAV
07/15/2008 12:45 PM <DIR> EXCEPTIO
12/06/2007 12:11 AM 3,829 JAASCONF.JAV
11/30/2007 02:00 PM 7,644 JAASPASS.JAV
07/15/2008 12:45 PM <DIR> LOGINMOD
12/12/2007 11:39 PM 19,774 PROPERTI.JAV
                8 File(s) 42,196 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\AUTHENTI\AUTHENTI

```

07/15/2008 12:45 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
01/07/2008 03:27 PM 5,793 PASSWORD.JAV
                1 File(s) 5,793 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\AUTHENTI\CLI

```

07/15/2008 12:45 PM <DIR> .
    
```

```
07/15/2008 12:45 PM <DIR> ..
11/02/2007 04:18 PM 6,436 CREATEAC.JAV
                1 File(s) 6,436 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\AUTHENTI\CREDENTI

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
12/12/2007 11:39 PM 4,176 PASSWORD.JAV
                1 File(s) 4,176 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\AUTHENTI\EXCEPTIO

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
07/25/2007 10:56 AM 1,792 AUTHENT2.JAV
12/06/2007 12:11 AM 1,905 AUTHENTI.JAV
07/25/2007 03:31 PM 1,806 CREDENT2.JAV
07/25/2007 03:31 PM 1,810 CREDENT3.JAV
07/25/2007 03:13 PM 1,824 CREDENTI.JAV
08/17/2007 05:06 PM 1,925 REMOTEAU.JAV
                6 File(s) 11,062 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\AUTHENTI\LOGINMOD

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 12:45 PM <DIR> ..
08/20/2007 02:08 PM 2,300 ALWAYSAU.JAV
                1 File(s) 2,300 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\CODEC

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
08/30/2007 03:08 AM 2,483 CODEC.JAV
09/05/2007 02:24 PM 2,710 DECODER.JAV
09/05/2007 02:24 PM 2,739 ENCODER.JAV
07/15/2008 12:45 PM <DIR> EXCEPTIO
07/15/2008 12:46 PM <DIR> INTEGRIT
07/15/2008 12:46 PM <DIR> MISC
                3 File(s) 7,932 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\CODEC\EXCEPTIO

```
07/15/2008 12:45 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
10/10/2007 10:18 PM 371 CODECDEC.JAV
10/10/2007 10:18 PM 371 CODECENC.JAV
07/24/2007 02:11 PM 1,805 CODECEXC.JAV
07/24/2007 02:11 PM 402 CODECIN2.JAV
07/24/2007 02:11 PM 403 CODECINV.JAV
07/24/2007 02:11 PM 394 CODECNOT.JAV
08/07/2007 01:30 PM 403 CODECUNK.JAV
                7 File(s) 4,149 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\CODEC\INTEGRIT

```
07/15/2008 12:46 PM <DIR> .
```

```

07/15/2008 12:46 PM <DIR> ..
09/20/2007 02:16 AM 4,457 CRCINTE2.JAV
09/05/2007 03:03 PM 3,382 CRCINTE3.JAV
08/30/2007 03:08 AM 2,155 CRCINTEG.JAV
          3 File(s)          9,994 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\CODEC\MISC

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/06/2007 01:34 PM 3,398 NULLCODE.JAV
10/12/2007 03:51 PM 4,020 TRANSP02.JAV
10/12/2007 03:51 PM 4,029 TRANSP03.JAV
11/19/2007 05:10 PM 5,227 TRANSP0S.JAV
          4 File(s)        16,674 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\CONFIG

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
12/04/2007 04:17 PM 3,499 BINDING2.JAV
11/30/2007 03:06 AM 10,813 BINDINGS.JAV
12/04/2007 04:17 PM 2,136 CONFIGGE.JAV
01/07/2008 03:27 PM 9,300 CONFIGUR.JAV
07/15/2008 12:46 PM <DIR> EVALUATO
07/15/2008 12:46 PM <DIR> EXCEPTIO
12/04/2007 04:17 PM 3,182 EXECUTIO.JAV
12/04/2007 04:17 PM 5,277 IMPLEMEN.JAV
12/04/2007 04:17 PM 4,330 INTERFAC.JAV
12/04/2007 04:17 PM 11,490 PROPERTI.JAV
12/04/2007 04:17 PM 2,886 PROPERTY.JAV
12/04/2007 04:17 PM 3,425 SYSTEMPR.JAV
12/07/2007 04:42 PM 24,798 XMLBINDI.JAV
12/04/2007 04:17 PM 34,184 XMLPROPE.JAV
          12 File(s)       115,320 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\CONFIG\EVALUATO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/23/2007 03:18 PM 1,769 BOOLEANL.JAV
07/23/2007 03:18 PM 1,736 BYTELITE.JAV
07/23/2007 03:18 PM 1,764 DOUBLELI.JAV
07/24/2007 03:37 PM 1,781 EVALUATA.JAV
07/23/2007 03:18 PM 1,747 FLOATLIT.JAV
07/24/2007 03:37 PM 2,210 INSTANCE.JAV
07/23/2007 03:18 PM 1,745 INTEGERL.JAV
08/14/2007 09:23 AM 4,062 JAVAMETH.JAV
08/14/2007 09:23 AM 3,882 LITERAL2.JAV
07/23/2007 03:18 PM 1,757 LITERALE.JAV
07/23/2007 03:18 PM 1,807 LONGLITE.JAV
07/24/2007 03:37 PM 2,233 NAMEDEVA.JAV
11/30/2007 03:06 AM 6,669 REFERENC.JAV
07/23/2007 03:18 PM 1,746 SHORTLIT.JAV
08/14/2007 09:23 AM 2,378 STATICME.JAV
07/23/2007 03:18 PM 1,561 STRINGLI.JAV
11/30/2007 03:06 AM 14,788 XMLEVALU.JAV
11/30/2007 03:06 AM 14,496 XMLVALID.JAV
    
```

18 File(s) 68,131 bytes

Directory of D:\MEDIA\CORE_ORG\SRC\CONFIG\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/24/2007 03:37 PM 1,924 CONFIGU2.JAV
07/24/2007 03:40 PM 1,927 CONFIGU3.JAV
07/24/2007 03:37 PM 2,012 CONFIGUR.JAV
07/24/2007 03:37 PM 2,183 ILLEGAL2.JAV
07/24/2007 03:37 PM 1,924 ILLEGALC.JAV
07/24/2007 03:37 PM 1,873 METHODIN.JAV
07/24/2007 03:37 PM 1,890 OBJECTI2.JAV
07/24/2007 03:37 PM 1,898 OBJECTIN.JAV
09/01/2007 04:36 AM 1,842 OBJECTVA.JAV
          9 File(s) 17,473 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\CONTROL

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
01/08/2008 02:17 PM 7,500 ERRORRAN.JAV
12/12/2007 12:12 PM 14,584 FIXEDERR.JAV
12/10/2007 10:49 AM 9,159 FIXEDPUN.JAV
12/10/2007 10:49 AM 3,225 INTEGERP.JAV
12/10/2007 10:49 AM 3,013 INTEGERR.JAV
12/10/2007 10:49 AM 2,110 PARAMET2.JAV
12/10/2007 10:49 AM 1,841 PARAMETE.JAV
          7 File(s) 41,432 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\DAEMON

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/23/2007 03:18 PM 1,479 DAEMONAP.JAV
10/11/2007 06:26 PM 5,708 DAEMONIZ.JAV
          2 File(s) 7,187 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
09/05/2007 02:24 PM 2,981 BASEEXCE.JAV
08/13/2007 04:54 PM 2,018 INITIALI.JAV
08/09/2007 02:29 PM 2,010 NOTIMPLE.JAV
08/20/2007 02:41 PM 2,604 RUNTIMEE.JAV
          4 File(s) 9,613 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\IDA

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/15/2008 12:46 PM <DIR> CAUCHY
07/15/2008 12:46 PM <DIR> EXCEPTIO
11/07/2007 01:15 PM 5,156 INFORMA2.JAV
11/07/2007 01:15 PM 3,156 INFORMA3.JAV
11/07/2007 01:17 PM 3,116 INFORMA4.JAV
11/07/2007 01:15 PM 3,281 INFORMAT.JAV
    
```



```
07/15/2008 12:46 PM <DIR> OPTIMIZE
07/15/2008 12:46 PM <DIR> REPLICAT
          4 File(s)          14,709 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\IDA\CAUCHY

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/23/2007 03:18 PM          11,715 CAUCHYDE.JAV
07/23/2007 03:18 PM          5,059 CAUCHYEN.JAV
12/06/2007 02:25 PM          8,015 CAUCHYI2.JAV
12/06/2007 02:25 PM          8,311 CAUCHYI3.JAV
12/06/2007 02:28 PM          4,028 CAUCHYIN.JAV
07/23/2007 03:18 PM          3,598 FINITEST.JAV
07/23/2007 03:18 PM          6,941 INITFIEL.JAV
09/14/2007 02:18 AM          3,725 NATIVEIF.JAV
09/14/2007 02:18 AM         19,059 OSTORE_A.C
09/14/2007 02:18 AM          1,261 OSTORE_A.H
09/14/2007 02:18 AM          3,644 PARAMETE.H
07/23/2007 03:18 PM          7,430 PARAMETE.JAV
          12 File(s)          82,786 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\IDA\EXCEPTIO

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/24/2007 12:17 PM          295 IDADECOD.JAV
07/24/2007 12:17 PM          295 IDAENCOD.JAV
07/24/2007 01:46 PM         1,677 IDAEXCEP.JAV
07/24/2007 12:17 PM          404 IDAINVA2.JAV
07/24/2007 12:17 PM          407 IDAINVA3.JAV
07/24/2007 12:17 PM          407 IDAINVA4.JAV
07/24/2007 12:17 PM          397 IDAINVAL.JAV
07/24/2007 01:38 PM         1,656 IDANOTIN.JAV
          8 File(s)          5,538 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\IDA\OPTIMIZE

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
09/18/2007 11:49 PM         11,580 CAUCHYDE.JAV
08/19/2007 12:47 PM          7,680 CAUCHYEN.JAV
12/06/2007 02:25 PM          8,080 CAUCHYI2.JAV
12/06/2007 02:25 PM          8,067 CAUCHYI3.JAV
12/14/2007 04:03 PM          9,732 CAUCHYID.JAV
12/06/2007 02:25 PM          4,306 CAUCHYIN.JAV
08/17/2007 03:58 PM          3,607 FINITEST.JAV
12/14/2007 04:03 PM          7,037 INITFIEL.JAV
          8 File(s)          60,089 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\IDA\REPLICAT

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/17/2007 06:30 PM          5,571 REPLIC2.JAV
12/17/2007 06:30 PM          5,830 REPLIC3.JAV
12/17/2007 06:30 PM          5,006 REPLICAT.JAV
          3 File(s)          16,407 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/15/2008 06:10 PM <DIR> COMMUNIC
07/15/2008 12:46 PM <DIR> DATASTOR
07/15/2008 12:46 PM <DIR> GRID
07/15/2008 12:46 PM <DIR> OBJECT
07/15/2008 12:46 PM <DIR> PROTOCOL
07/15/2008 12:46 PM <DIR> SLICESTO
0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC

```

07/15/2008 06:10 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/28/2007 03:15 PM 2,020 ACCEPTOR.JAV
10/15/2007 05:14 PM 3,164 CONNECT2.JAV
10/09/2007 10:55 AM 5,690 CONNECTO.JAV
07/15/2008 12:46 PM <DIR> EXCEPTIO
07/15/2008 12:46 PM <DIR> MEMORY
07/15/2008 12:46 PM <DIR> NETWORK
07/15/2008 12:46 PM <DIR> POLICY
3 File(s) 10,874 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:10 PM <DIR> ..
09/26/2007 03:09 PM 2,154 COMMUNI2.JAV
09/26/2007 03:09 PM 2,186 COMMUNI3.JAV
09/26/2007 03:09 PM 2,130 COMMUNI4.JAV
09/26/2007 03:09 PM 2,138 COMMUNI5.JAV
09/26/2007 03:09 PM 2,162 COMMUNI6.JAV
09/26/2007 03:09 PM 2,153 COMMUNIC.JAV
09/28/2007 05:21 PM 2,136 NOTCONNE.JAV
7 File(s) 15,059 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC\MEMORY

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:10 PM <DIR> ..
11/30/2007 03:28 PM 5,066 MEMORYCO.JAV
1 File(s) 5,066 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC\NETWORK

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:10 PM <DIR> ..
11/30/2007 03:06 AM 7,094 IPNETWO2.JAV
09/17/2007 01:07 PM 1,405 IPNETWOR.JAV
07/15/2008 06:09 PM <DIR> MINA
07/15/2008 12:46 PM <DIR> UNRELIAB
2 File(s) 8,499 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC\NETWORK\MINA

```

07/15/2008 06:09 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/11/2007 11:26 AM 4,385 MINAACCC2.JAV
12/12/2007 02:06 PM 10,779 MINAACCE.JAV
01/07/2008 03:27 PM 29,287 MINACONN.JAV
10/11/2007 11:16 AM 5,286 PROTOCO2.JAV
10/09/2007 10:55 AM 4,095 PROTOCO3.JAV
09/28/2007 05:21 PM 1,631 PROTOCOL.JAV
12/12/2007 02:06 PM 5,031 SSLCONTE.JAV
12/12/2007 02:06 PM 3,165 SSLSERVE.JAV
12/12/2007 02:06 PM 3,482 SSLSOCKE.JAV
12/12/2007 02:06 PM 2,349 TRUSTMAN.JAV
          10 File(s)      69,490 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC\NETWORK\UNRELIAB

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
09/28/2007 05:21 PM 1,347 UNRELIA2.JAV
10/09/2007 10:55 AM 17,346 UNRELIAB.JAV
          2 File(s)      18,693 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\COMMUNIC\POLICY

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:10 PM <DIR> ..
11/25/2007 11:18 PM 3,782 SIMPLECO.JAV
11/09/2007 04:55 PM 3,680 SMARTCO2.JAV
11/25/2007 11:18 PM 10,092 SMARTCON.JAV
10/01/2007 02:23 PM 1,664 TIMEQUE2.JAV
12/06/2007 11:05 AM 6,994 TIMEQUEU.JAV
          5 File(s)      26,212 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\DATASTOR

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
01/11/2008 03:34 PM 1,790 DATASTO2.JAV
01/10/2008 02:13 PM 1,499 DATASTO3.JAV
01/10/2008 08:30 PM 7,549 DATASTOR.JAV
07/15/2008 12:46 PM <DIR> SEGMENTA
01/10/2008 05:21 PM 3,596 STOREDD2.JAV
01/11/2008 03:24 PM 4,686 STOREDD3.JAV
01/11/2008 03:34 PM 5,070 STOREDDA.JAV
          6 File(s)      24,190 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\DATASTOR\SEGMENTA

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
01/11/2008 04:17 PM 1,995 FIXEDSIZ.JAV
01/10/2008 02:22 PM 3,453 GRIDSEG2.JAV
01/10/2008 02:25 PM 3,503 GRIDSEG3.JAV
01/10/2008 05:25 PM 2,930 GRIDSEGM.JAV
01/11/2008 03:55 PM 4,032 RAMPSEGM.JAV
01/08/2008 04:06 PM 1,734 SEGMENT2.JAV
01/11/2008 03:34 PM 1,923 SEGMENT3.JAV
    
```

```

01/11/2008 03:26 PM          1,548 SEGMENTA.JAV
01/10/2008 05:25 PM          1,588 SEGMENTD.JAV
01/10/2008 02:36 PM          2,818 SEGMENTO.JAV
01/10/2008 05:23 PM          1,674 SEGMENTS.JAV
          11 File(s)          27,198 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\GRID

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
02/17/2008 05:29 PM          1,585 CORRUPT.E.JAV
10/04/2007 11:57 AM          4,463 DATASLIC.JAV
09/07/2007 12:18 PM          2,043 DATASOUR.JAV
11/30/2007 04:50 PM          1,742 DELETEC2.JAV
11/30/2007 04:50 PM          2,273 DELETECO.JAV
07/15/2008 12:46 PM    <DIR>          EXCEPTIO
12/29/2007 04:20 AM          4,764 GRIDBASE.JAV
01/11/2008 04:45 PM          4,110 GRIDCONT.JAV
11/25/2007 11:18 PM          7,826 GRIDTRAN.JAV
09/07/2007 12:18 PM          3,151 OPERATI2.JAV
12/11/2007 08:15 PM        19,059 OPERATI3.JAV
02/17/2008 05:29 PM          2,278 OPERATIO.JAV
09/07/2007 12:18 PM          2,272 PLACEDDA.JAV
09/07/2007 12:18 PM          1,886 PLACEDSL.JAV
09/07/2007 12:18 PM          2,215 PLACEDSO.JAV
07/15/2008 12:46 PM    <DIR>          RANKING
09/07/2007 12:18 PM          1,717 READCON2.JAV
09/07/2007 12:18 PM          3,784 READCONT.JAV
07/15/2008 12:46 PM    <DIR>          SIMPLECO
10/04/2007 11:57 AM          3,489 SLICENAM.JAV
07/15/2008 12:46 PM    <DIR>          SMARTCON
10/04/2007 11:57 AM          5,465 SOURCENA.JAV
09/07/2007 12:18 PM          2,688 SOURCES2.JAV
09/07/2007 12:18 PM          1,876 SOURCESL.JAV
09/07/2007 12:18 PM          2,449 STORESLI.JAV
09/07/2007 05:16 PM          3,673 THREADED.JAV
09/07/2007 12:18 PM           830 TRANSACT.JAV
09/07/2007 12:18 PM          1,721 WRITECO2.JAV
09/07/2007 12:18 PM          4,266 WRITECON.JAV
          25 File(s)          91,625 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\GRID\EXCEPTIO

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
09/07/2007 12:18 PM          1,675 CONTROL10.JAV
09/07/2007 12:18 PM          1,580 CONTROL2.JAV
09/07/2007 12:18 PM          1,833 CONTROL3.JAV
09/07/2007 12:18 PM           432 CONTROL4.JAV
09/07/2007 12:18 PM          1,707 CONTROL5.JAV
09/07/2007 12:18 PM          1,645 CONTROL6.JAV
09/07/2007 12:18 PM          1,744 CONTROL7.JAV
09/07/2007 12:18 PM          1,631 CONTROL8.JAV
09/07/2007 12:18 PM          1,646 CONTROL9.JAV
09/07/2007 12:18 PM          1,705 CONTROLL.JAV
09/07/2007 12:18 PM          1,671 GRIDLAYE.JAV
          11 File(s)          17,269 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\GRID\RANKING

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
02/19/2008 01:03 PM 6,392 BASESTOR.JAV
02/19/2008 01:03 PM 2,568 MOSTSLIC.JAV
02/19/2008 01:03 PM 4,120 MOVINGAV.JAV
02/19/2008 01:03 PM 1,986 NOSTORER.JAV
02/19/2008 01:03 PM 3,135 RANDOMST.JAV
02/19/2008 01:03 PM 2,927 RATINGDE.JAV
02/19/2008 01:03 PM 4,475 READPERF.JAV
02/19/2008 01:03 PM 3,472 REEDSOLO.JAV
02/19/2008 01:03 PM 3,617 REVERSES.JAV
02/19/2008 01:03 PM 3,548 STORERAN.JAV
02/19/2008 01:03 PM 4,215 UPDOWNST.JAV
02/19/2008 01:03 PM 4,494 WEIGHTED.JAV
      12 File(s)      44,949 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\GRID\SIMPLECO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/30/2007 04:51 PM 2,995 SIMPLED2.JAV
11/30/2007 04:51 PM 4,462 SIMPLEDE.JAV
09/07/2007 12:18 PM 2,968 SIMPLER2.JAV
11/29/2007 03:22 PM 16,432 SIMPLERE.JAV
09/07/2007 12:18 PM 3,389 SIMPLEW2.JAV
11/29/2007 03:22 PM 17,824 SIMPLEWR.JAV
      6 File(s)      48,070 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\GRID\SMARTCON

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/29/2007 03:22 PM 10,904 GRIDCONT.JAV
02/17/2008 05:29 PM 23,353 READCONT.JAV
09/18/2007 11:23 PM 11,047 READCONT.UNI
02/17/2008 05:29 PM 2,468 READMACH.XML
11/29/2007 03:22 PM 13,676 READSTAT.JAV
09/18/2007 11:23 PM 2,628 SMARTRE2.JAV
02/17/2008 05:29 PM 10,491 SMARTREA.JAV
09/07/2007 12:18 PM 2,798 SMARTWR2.JAV
02/17/2008 05:29 PM 12,162 SMARTWRI.JAV
02/17/2008 05:29 PM 37,827 WRITECON.JAV
11/13/2007 02:47 PM 19,129 WRITECON.UNI
02/17/2008 05:29 PM 4,541 WRITEMAC.XML
01/11/2008 01:01 PM 10,630 WRITESTA.JAV
      13 File(s)    161,654 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\OBJECT

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> CONTAIN
12/29/2007 04:20 AM 1,623 DATASEGM.JAV
01/07/2008 10:05 PM 714 DISPERS2.JAV
12/30/2007 02:34 AM 12,402 DISPERS3.JAV
01/07/2008 10:05 PM 2,078 DISPERS4.JAV
    
```

```

12/30/2007 02:34 AM          1,987 DISPERS5.JAV
12/30/2007 02:34 AM          6,437 DISPERS6.JAV
01/10/2008 02:15 PM          30,856 DISPERSE.JAV
07/15/2008 12:46 PM    <DIR>          EXCEPTIO
12/29/2007 04:20 AM          2,397 FIXEDSIZ.JAV
07/15/2008 12:46 PM    <DIR>          ID
07/15/2008 12:46 PM    <DIR>          METADATA
      8 File(s)                58,494 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\OBJECT\CONTAIN

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
07/15/2008 12:46 PM    <DIR>          BINARY
12/29/2007 04:20 AM          1,518 CONTAIN2.JAV
12/29/2007 04:20 AM          1,423 CONTAIN3.JAV
12/29/2007 04:20 AM          1,925 CONTAIN.E.JAV
      3 File(s)                4,866 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\OBJECT\CONTAIN\BINARY

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
12/29/2007 04:20 AM          2,974 BINARYC2.JAV
12/29/2007 04:20 AM          3,619 BINARYCO.JAV
      2 File(s)                6,593 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\OBJECT\EXCEPTIO

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
12/29/2007 04:20 AM          1,686 INVALID2.JAV
12/29/2007 04:20 AM          1,677 INVALIDD.JAV
12/29/2007 04:20 AM          1,677 INVALIDO.JAV
12/29/2007 04:20 AM          1,669 METADATA.JAV
12/29/2007 04:20 AM          1,694 OBJECTDO.JAV
12/29/2007 04:20 AM          1,759 OBJECTLA.JAV
12/29/2007 04:20 AM          1,659 OBJECTRE.JAV
12/29/2007 04:20 AM          1,665 OBJECTWR.JAV
12/30/2007 02:34 AM          1,657 PATHFORM.JAV
12/29/2007 04:20 AM          1,708 STORAGES.JAV
     10 File(s)               16,851 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\OBJECT\ID

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
01/07/2008 10:05 PM          145 OBJECTI2.JAV
01/07/2008 10:05 PM          260 OBJECTID.JAV
01/07/2008 10:05 PM          281 UIDOBJ2.JAV
01/07/2008 10:05 PM          630 UIDOBJE.JAV
      4 File(s)                1,316 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\OBJECT\METADATA

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
12/29/2007 04:20 AM          1,432 DISPERS2.JAV
    
```

```

12/29/2007 04:20 AM          1,441 DISPERS3.JAV
12/29/2007 04:20 AM          1,434 DISPERSE.JAV
      3 File(s)              4,307 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\PROTOCOL

```

07/15/2008 12:46 PM      <DIR>      .
07/15/2008 12:46 PM      <DIR>      ..
10/04/2007 09:32 AM          2,921 BEGINSE2.JAV
09/07/2007 02:59 AM          1,692 BEGINSES.JAV
09/07/2007 02:59 AM          1,720 BEGINTR2.JAV
10/04/2007 09:32 AM          2,797 BEGINTRA.JAV
09/07/2007 02:59 AM          1,721 COMMITT2.JAV
10/04/2007 09:32 AM          2,824 COMMITTR.JAV
09/07/2007 05:44 PM          1,693 CREATES2.JAV
10/08/2007 12:28 AM        10,203 CREATEST.JAV
09/07/2007 02:59 AM          1,686 ENDSSESS2.JAV
10/04/2007 09:32 AM          2,931 ENDSSESSI.JAV
09/07/2007 02:59 AM          1,689 ERRORRES.JAV
12/12/2007 02:06 PM          3,643 ERRORUNS.JAV
07/15/2008 12:46 PM      <DIR>      EXCEPTIO
10/04/2007 09:32 AM          2,588 EXISTS2SR.JAV
10/04/2007 09:32 AM          2,900 EXISTS2RE.JAV
10/08/2007 06:18 PM          2,776 GETSUPP2.JAV
10/04/2007 11:57 AM          2,772 GETSUPP3.JAV
10/04/2007 11:57 AM          2,905 GETSUPP4.JAV
10/04/2007 11:57 AM          1,715 GETSUPPO.JAV
10/09/2007 10:55 AM          4,408 GRIDPRO2.JAV
10/09/2007 04:36 PM          5,416 GRIDPRO3.JAV
09/12/2007 01:39 AM          2,610 GRIDPRO4.JAV
10/04/2007 09:32 AM          4,763 GRIDPRO5.JAV
09/07/2007 05:44 PM          2,621 GRIDPRO6.JAV
10/06/2007 09:56 AM          7,743 GRIDPROT.JAV
10/08/2007 06:18 PM          2,153 INTEGRI2.JAV
11/28/2007 02:58 PM          2,089 INTEGRIT.JAV
09/07/2007 12:18 PM          1,684 LISTBEG2.JAV
09/07/2007 12:18 PM          1,680 LISTBEGI.JAV
10/04/2007 09:32 AM          3,310 LISTCON2.JAV
09/07/2007 12:18 PM          1,695 LISTCONT.JAV
10/04/2007 09:32 AM          2,981 LISTINP2.JAV
09/07/2007 12:18 PM          1,706 LISTINPR.JAV
09/07/2007 12:18 PM          1,679 LISTSTO2.JAV
09/07/2007 12:18 PM          1,675 LISTSTOP.JAV
12/12/2007 02:06 PM          3,878 MULTIPL2.JAV
12/12/2007 02:06 PM          3,879 MULTIPL3.JAV
10/04/2007 09:32 AM          3,315 MULTIPL4.JAV
10/09/2007 11:39 AM          5,032 MULTIPL5.JAV
09/07/2007 12:18 PM          1,702 MULTIPL6.JAV
12/12/2007 02:06 PM          3,860 MULTIPLE.JAV
10/04/2007 09:32 AM          3,161 NOOPREQU.JAV
10/04/2007 09:32 AM          3,166 NOOPRESP.JAV
10/04/2007 09:32 AM          2,619 PASSWOR2.JAV
10/04/2007 09:32 AM          4,134 PASSWORD.JAV
09/07/2007 02:59 AM          1,664 PROTOCO2.JAV
10/04/2007 11:57 AM          1,528 PROTOCO3.JAV
09/07/2007 02:59 AM          2,075 PROTOCOL.JAV
09/07/2007 02:59 AM          1,758 REGISTE2.JAV
10/04/2007 09:32 AM          3,218 REGISTER.JAV
    
```

```

09/07/2007 02:59 AM 1,693 REMOVES2.JAV
10/08/2007 12:28 AM 3,139 REMOVEST.JAV
09/07/2007 05:44 PM 1,558 REQUEST.JAV
09/07/2007 02:59 AM 2,154 RESPONSE.JAV
09/07/2007 02:59 AM 1,723 ROLLBAC2.JAV
10/04/2007 09:32 AM 2,771 ROLLBACK.JAV
09/07/2007 02:59 AM 2,073 SEQUENCE.JAV
09/07/2007 02:59 AM 1,570 UNSOLICI.JAV
09/07/2007 02:59 AM 1,604 VAULTBI2.JAV
10/04/2007 09:32 AM 2,762 VAULTBIN.JAV
10/04/2007 11:57 AM 2,281 VERSIONE.JAV
10/08/2007 09:18 PM 4,123 WRITENOT.JAV
61 File(s) 171,829 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\PROTOCOL\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
10/04/2007 11:57 AM 2,032 BADPROTO.JAV
09/07/2007 12:18 PM 2,142 HEADERFO.JAV
10/04/2007 11:57 AM 1,997 INVALIDP.JAV
09/07/2007 12:18 PM 2,445 OPERATI2.JAV
09/07/2007 12:18 PM 2,442 OPERATI3.JAV
09/07/2007 12:18 PM 2,122 OPERATI4.JAV
09/07/2007 12:18 PM 2,174 OPERATIO.JAV
09/07/2007 12:18 PM 1,924 PROTOCO2.JAV
09/07/2007 12:18 PM 2,106 PROTOCO3.JAV
09/07/2007 12:18 PM 2,118 PROTOCOL.JAV
10 File(s) 21,502 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
02/19/2008 01:03 PM 1,849 ABSTRACT.JAV
07/15/2008 12:46 PM <DIR> BDB
07/15/2008 12:46 PM <DIR> BLOCK
07/15/2008 12:46 PM <DIR> EXCEPTIO
07/15/2008 12:46 PM <DIR> FILE
09/17/2007 03:34 AM 1,822 NOTIFICA.JAV
02/19/2008 01:03 PM 2,155 OPERATIO.JAV
07/15/2008 12:46 PM <DIR> REMOTE
10/26/2007 02:20 AM 2,186 SLICEINF.JAV
02/19/2008 01:03 PM 19,482 SLICEST2.JAV
12/07/2007 02:30 PM 2,490 SLICEST3.JAV
10/03/2007 04:35 PM 7,832 SLICEST4.JAV
11/28/2007 03:15 PM 4,332 SLICEST5.JAV
11/28/2007 03:15 PM 3,881 SLICEST6.JAV
09/17/2007 03:34 AM 1,862 SLICEST7.JAV
11/28/2007 03:15 PM 1,781 SLICEST8.JAV
11/28/2007 03:15 PM 2,022 SLICEST9.JAV
02/17/2008 05:29 PM 19,149 SLICESTO.JAV
07/15/2008 12:46 PM <DIR> UNRELIAB
13 File(s) 70,843 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO\BDB

```

07/15/2008 12:46 PM <DIR> .
    
```



```

07/15/2008 12:46 PM <DIR>      .
11/28/2007 03:15 PM          5,273 BDBSLIC2.JAV
09/17/2007 03:34 AM          3,243 BDBSLIC3.JAV
12/06/2007 05:04 PM        26,528 BDBSLICE.JAV
          3 File(s)          35,044 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO\BLOCK

```

07/15/2008 12:46 PM <DIR>      .
07/15/2008 12:46 PM <DIR>      ..
12/11/2007 01:05 PM        30,137 BLOCKMU2.JAV
12/12/2007 04:20 PM        52,892 BLOCKMUL.JAV
          2 File(s)          83,029 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO\EXCEPTIO

```

07/15/2008 12:46 PM <DIR>      .
07/15/2008 12:46 PM <DIR>      ..
09/17/2007 03:34 AM          2,214 ILLEGALS.JAV
09/17/2007 03:34 AM          2,180 SLICEST2.JAV
09/17/2007 03:34 AM          2,229 SLICEST3.JAV
09/17/2007 03:34 AM          2,096 SLICEST4.JAV
09/17/2007 03:34 AM          2,211 SLICEST5.JAV
09/17/2007 03:34 AM          2,221 SLICEST6.JAV
09/17/2007 03:34 AM          2,065 SLICESTO.JAV
09/17/2007 03:34 AM          2,591 UNSUPPO2.JAV
09/17/2007 03:34 AM          3,219 UNSUPPOR.JAV
10/12/2007 12:45 PM          1,477 WRITETRA.JAV
          10 File(s)         22,503 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO\FILE

```

07/15/2008 12:46 PM <DIR>      .
07/15/2008 12:46 PM <DIR>      ..
12/30/2007 01:30 AM          9,319 FILESLIC.JAV
          1 File(s)          9,319 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO\REMOTE

```

07/15/2008 12:46 PM <DIR>      .
07/15/2008 12:46 PM <DIR>      ..
09/17/2007 03:34 AM          2,373 REMOTES2.JAV
01/07/2008 03:27 PM        40,519 REMOTESL.JAV
          2 File(s)         42,892 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\LAYER\SLICESTO\UNRELIAB

```

07/15/2008 12:46 PM <DIR>      .
07/15/2008 12:46 PM <DIR>      ..
11/28/2007 03:15 PM          4,789 UNRELIA2.JAV
12/06/2007 05:04 PM        33,705 UNRELIAB.JAV
          2 File(s)         38,494 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\POLICY

```

07/15/2008 12:46 PM <DIR>      .
07/15/2008 06:08 PM <DIR>      ..
07/15/2008 12:46 PM <DIR>      EXCEPTIO
    
```

0 File(s) 0 bytes

Directory of D:\MEDIA\CORE_ORG\SRC\POLICY\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/24/2007 04:42 PM 2,363 ACCESSEX.JAV
07/24/2007 11:24 AM 2,101 POLICYEX.JAV
2 File(s) 4,464 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERIALIZ

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/15/2008 12:46 PM <DIR> ASN1
07/15/2008 12:46 PM <DIR> EXCEPTIO
10/09/2007 11:39 AM 14,119 GRIDPROT.JAV
10/06/2007 09:56 AM 1,773 GRIDSERI.JAV
11/08/2007 01:38 AM 2,160 PROTOCOL.JAV
07/15/2008 12:46 PM <DIR> RAW
3 File(s) 18,052 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERIALIZ\ASN1

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/27/2007 02:02 PM 61,460 ASN1.JAV
11/25/2007 11:18 PM 11,473 ASN1EXCE.JAV
11/08/2007 01:38 AM 4,410 ASN1GRID.JAV
10/09/2007 06:13 PM 1,675 ASN1PRO2.JAV
10/09/2007 06:13 PM 1,675 ASN1PROT.JAV
07/15/2008 12:46 PM <DIR> CUSTOM
11/12/2007 01:00 PM 4,569 ERROR_DE.XML
10/04/2007 08:03 AM 12,530 EXCEPTI2.JAV
10/03/2007 04:35 PM 8,947 EXCEPTIO.JAV
10/03/2007 04:35 PM 1,140 EXCEPTIO.XSD
9 File(s) 107,879 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERIALIZ\ASN1\CUSTOM

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
10/03/2007 04:35 PM 3,892 BEGINTR2.JAV
10/03/2007 04:35 PM 3,976 BEGINTRA.JAV
10/03/2007 04:35 PM 3,914 COMMITT2.JAV
10/03/2007 04:35 PM 3,998 COMMITTR.JAV
10/03/2007 04:35 PM 2,646 CUSTOMSE.JAV
10/03/2007 04:35 PM 5,041 DATASLIC.JAV
10/03/2007 04:35 PM 6,354 LISTCONT.JAV
10/05/2007 05:44 PM 6,378 MULTIPL2.JAV
10/03/2007 04:35 PM 5,583 MULTIPL3.JAV
10/05/2007 05:44 PM 3,865 MULTIPL4.JAV
10/05/2007 05:44 PM 5,441 MULTIPLE.JAV
10/03/2007 04:35 PM 5,061 NOOPREQU.JAV
10/03/2007 04:35 PM 5,436 NOOPRESP.JAV
10/03/2007 04:35 PM 3,946 REGISTRA.JAV
10/03/2007 04:35 PM 3,104 RESPONSE.JAV
10/26/2007 02:20 AM 4,414 SLICEINF.JAV
    
```

```
10/03/2007 04:35 PM          4,785 SLICENAM.JAV
10/03/2007 04:35 PM          5,817 SOURCENA.JAV
          18 File(s)          83,651 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERIALIZ\EXCEPTIO

```
07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
10/04/2007 04:47 PM          1,811 ENCODEDE.JAV
07/25/2007 10:56 AM          2,043 INVALIDC.JAV
07/25/2007 10:56 AM          2,022 SERIALIZ.JAV
          3 File(s)          5,876 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERIALIZ\RAW

```
07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
07/15/2008 12:46 PM    <DIR>          CUSTOM
11/08/2007 01:38 AM          5,269 RAWGRIDP.JAV
10/09/2007 10:55 AM          1,672 RAWPROT2.JAV
10/09/2007 10:55 AM          1,672 RAWPROTO.JAV
          3 File(s)          8,613 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERIALIZ\RAW\CUSTOM

```
07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
10/08/2007 12:28 AM          1,648 BASEREQU.JAV
10/08/2007 09:18 PM          3,738 BASERESP.JAV
10/08/2007 09:18 PM          1,615 BASEUNSO.JAV
10/08/2007 12:28 AM          2,781 BEGINSSES.JAV
10/08/2007 12:28 AM          2,599 BEGINTRA.JAV
10/08/2007 12:28 AM          2,607 COMMITTR.JAV
10/08/2007 04:12 PM          4,257 CREATEST.JAV
12/12/2007 02:06 PM     11,149 CUSTOMR2.JAV
11/28/2007 02:58 PM          7,809 CUSTOMR3.JAV
10/09/2007 04:22 PM          2,244 CUSTOMRA.JAV
10/08/2007 04:12 PM          3,295 DATASLIC.JAV
10/08/2007 12:28 AM          2,616 ENDSSESS1.JAV
10/08/2007 09:18 PM          2,530 ERRORUNS.JAV
10/08/2007 03:30 PM          2,737 EXISTSRS2.JAV
10/08/2007 04:12 PM          2,807 EXISTSRE.JAV
10/08/2007 06:18 PM          2,638 GETSUPP2.JAV
10/08/2007 06:18 PM          3,822 GETSUPP3.JAV
10/08/2007 06:18 PM          3,709 GETSUPPO.JAV
12/12/2007 02:06 PM          3,179 INTEGRI2.JAV
12/12/2007 02:06 PM          2,914 INTEGRIT.JAV
12/12/2007 02:06 PM          3,024 LISTCONT.JAV
10/08/2007 06:18 PM          2,830 LISTINPR.JAV
12/12/2007 02:06 PM          3,228 MULTIPL2.JAV
12/12/2007 02:06 PM          2,940 MULTIPL3.JAV
10/10/2007 03:29 PM          3,569 MULTIPL4.JAV
12/12/2007 02:06 PM          3,319 MULTIPL5.JAV
12/12/2007 02:06 PM          2,920 MULTIPLE.JAV
10/08/2007 12:28 AM          2,585 NOOPREQU.JAV
10/08/2007 12:28 AM          2,869 NOOPRESP.JAV
10/08/2007 12:28 AM          2,915 PASSWOR2.JAV
10/08/2007 04:12 PM          3,422 PASSWORD.JAV
```

```

11/08/2007 01:38 AM          2,792 REGISTER.JAV
10/08/2007 12:28 AM          2,797 REMOVEST.JAV
10/08/2007 03:30 PM          2,554 ROLLBACK.JAV
10/26/2007 02:20 AM          3,103 SLICEINF.JAV
10/08/2007 04:12 PM          3,037 SLICENAM.JAV
10/09/2007 04:22 PM          3,431 SOURCENA.JAV
10/08/2007 12:28 AM          2,773 VAULTBIN.JAV
12/12/2007 02:06 PM          2,954 WRITENOT.JAV
          39 File(s)          127,756 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERVER

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 06:08 PM    <DIR>          ..
09/24/2007 02:07 PM          1,798 APPLICAT.JAV
12/11/2007 11:26 AM          3,980 CLIENTSE.JAV
07/15/2008 12:46 PM    <DIR>          EXCEPTIO
07/15/2008 12:46 PM    <DIR>          HANDLERS
12/03/2007 03:41 PM          3,254 REQUESTH.JAV
11/28/2007 03:15 PM          6,123 SERVERA2.JAV
12/11/2007 11:26 AM          7,678 SERVERAP.JAV
          5 File(s)          22,833 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERVER\EXCEPTIO

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
09/24/2007 03:14 PM          2,532 ILLEGAL2.JAV
09/24/2007 03:14 PM          2,443 ILLEGAL.S.JAV
09/24/2007 03:14 PM          2,380 SERVERCO.JAV
09/24/2007 03:14 PM          2,312 SERVEREX.JAV
09/24/2007 03:14 PM          2,236 SERVERIO.JAV
09/24/2007 03:14 PM          2,990 SERVERRE.JAV
09/24/2007 03:14 PM          2,291 SERVERRU.JAV
09/24/2007 03:14 PM          2,270 SERVERSE.JAV
09/24/2007 03:14 PM          2,434 UNAUTHOR.JAV
09/24/2007 03:16 PM          2,472 UNRECOGN.JAV
          10 File(s)          24,360 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERVER\HANDLERS

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
07/15/2008 12:46 PM    <DIR>          AUTHENTI
07/15/2008 12:46 PM    <DIR>          MISC
07/15/2008 12:46 PM    <DIR>          VERSION
          0 File(s)          0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERVER\HANDLERS\AUTHENTI

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
12/03/2007 03:41 PM          8,542 PASSWORD.JAV
          1 File(s)          8,542 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERVER\HANDLERS\MISC

```

07/15/2008 12:46 PM    <DIR>          .
    
```

```
07/15/2008 12:46 PM <DIR> ..
12/03/2007 03:41 PM 3,122 NOOPHAN2.JAV
12/03/2007 03:41 PM 3,215 NOOPHAND.JAV
                2 File(s)          6,337 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\SERVER\HANDLERS\VERSION

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/03/2007 03:41 PM 4,463 GETSUPP2.JAV
12/03/2007 03:41 PM 3,735 GETSUPPO.JAV
                2 File(s)          8,198 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\SVN

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/24/2007 11:46 AM 5,988 SVNPROPE.JAV
10/17/2007 04:12 PM 2,200 SVNVERSI.JAV
                2 File(s)          8,188 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\TEST

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/15/2008 12:46 PM <DIR> AGENT
12/03/2007 06:36 PM 4,741 BASETEST.JAV
07/15/2008 12:46 PM <DIR> GRID
10/30/2007 08:53 PM 1,611 TESTEXCE.JAV
                2 File(s)          6,352 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\TEST\AGENT

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
01/03/2008 02:02 PM 1,647 NOOPAGEN.JAV
01/03/2008 02:02 PM 1,822 PROTOCO2.JAV
01/03/2008 02:02 PM 2,093 PROTOCO3.JAV
01/03/2008 02:02 PM 8,326 PROTOCOL.JAV
01/03/2008 02:02 PM 2,933 VAULTAGE.JAV
01/03/2008 02:02 PM 4,876 WRITEAGE.JAV
                6 File(s)          21,697 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\TEST\GRID

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
01/11/2008 04:48 PM 7,752 MOCKCONT.JAV
01/11/2008 04:48 PM 2,056 MOCKDELE.JAV
02/17/2008 05:29 PM 2,287 MOCKREAD.JAV
01/11/2008 04:48 PM 2,047 MOCKWRIT.JAV
                4 File(s)          14,142 bytes
```

Directory of D:\MEDIA\CORE_ORG\SRC\UTIL

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
07/23/2007 03:18 PM 4,017 ASN1UNIQ.JAV
```

10/13/2007	05:46 PM		6,678	BOUNDEDT.JAV
11/09/2007	03:49 PM		3,601	CLASSPAT.JAV
02/17/2008	04:57 PM		4,514	DSNETURI.JAV
07/15/2008	12:46 PM	<DIR>		EXCEPTIO
12/12/2007	11:39 PM		5,100	FILERESO.JAV
12/06/2007	05:04 PM		4,233	FILESYST.JAV
07/15/2008	12:46 PM	<DIR>		HASHTREE
07/15/2008	12:46 PM	<DIR>		HTTPSERV
01/07/2008	03:27 PM		13,869	JSAPCOMM.JAV
09/17/2007	06:36 PM		3,344	LOG4JREL.JAV
07/15/2008	12:46 PM	<DIR>		MA
10/13/2007	05:46 PM		2,806	NAMEDTHR.JAV
08/19/2007	11:19 PM		3,128	NAMINGHE.JAV
12/06/2007	10:15 AM		1,476	PATTERNL.JAV
07/23/2007	03:18 PM		1,623	PRIMITIV.JAV
11/12/2007	11:08 AM		3,969	PROJECTC.JAV
08/20/2007	03:11 PM		2,209	RESOLVER.JAV
08/09/2007	01:36 PM		4,397	TESTCHEC.JAV
09/05/2007	02:24 PM		3,038	THREADLE.JAV
08/07/2007	01:28 PM		2,749	TRANSACT.JAV
08/25/2007	07:14 PM		2,688	TUPLE2.JAV
08/25/2007	07:14 PM		3,054	TUPLE3.JAV
09/05/2007	02:24 PM		3,912	TYPEAGGR.JAV
09/05/2007	02:24 PM		16,991	TYPEUTIL.JAV
10/12/2007	06:21 PM		14,920	UNIMODST.JAV
07/23/2007	03:18 PM		742	UUIDGEN.JAV
09/04/2007	01:28 PM		1,810	UUIDSTRI.JAV
10/25/2007	02:56 PM		3,816	WRAPPERS.JAV
07/23/2007	03:18 PM		4,218	XMLPARSE.JAV
		26 File(s)	122,902	bytes

Directory of D:\MEDIA\CORE_ORG\SRC\UTIL\EXCEPTIO

07/15/2008	12:46 PM	<DIR>		.
07/15/2008	12:46 PM	<DIR>		..
08/20/2007	03:11 PM		1,867	FILERESO.JAV
08/20/2007	03:11 PM		1,903	RESOLUTI.JAV
		2 File(s)	3,770	bytes

Directory of D:\MEDIA\CORE_ORG\SRC\UTIL\HASHTREE

07/15/2008	12:46 PM	<DIR>		.
07/15/2008	12:46 PM	<DIR>		..
01/08/2008	11:51 PM		521	HASHTREE.JAV
01/08/2008	11:51 PM		833	HASHVALU.JAV
01/08/2008	11:51 PM		2,779	INMEMORY.JAV
		3 File(s)	4,133	bytes

Directory of D:\MEDIA\CORE_ORG\SRC\UTIL\HTTPSERV

07/15/2008	12:46 PM	<DIR>		.
07/15/2008	12:46 PM	<DIR>		..
07/15/2008	12:46 PM	<DIR>		EXCEPTIO
09/14/2007	01:04 AM		2,198	HTTPSERV.JAV
11/12/2007	11:08 AM		4,558	JETTYHTT.JAV
		2 File(s)	6,756	bytes

Directory of D:\MEDIA\CORE_ORG\SRC\UTIL\HTTPSERV\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/12/2007 11:08 AM 1,795 HTTPSERV.JAV
11/12/2007 11:08 AM 1,844 SERVERS2.JAV
11/12/2007 11:08 AM 1,851 SERVERST.JAV
          3 File(s)      5,490 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\UTIL\MA

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/11/2007 08:15 PM 3,953 MOVINGA2.JAV
12/11/2007 08:15 PM 1,584 MOVINGA3.JAV
12/11/2007 08:15 PM 2,228 MOVINGAV.JAV
12/11/2007 08:15 PM 2,366 SIMPLEMO.JAV
12/11/2007 08:15 PM 2,803 WEIGHTED.JAV
          5 File(s)      12,934 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:08 PM <DIR> ..
02/20/2008 01:40 AM 30,151 BASEVAUL.JAV
07/15/2008 12:46 PM <DIR> CLI
07/15/2008 12:46 PM <DIR> EXCEPTIO
08/31/2007 02:01 PM 9,914 FILEVAUL.JAV
11/21/2007 05:41 AM 8,464 FULLACCO.JAV
07/15/2008 12:46 PM <DIR> MANAGERS
07/15/2008 12:46 PM <DIR> STORAGE
07/15/2008 12:46 PM <DIR> UTIL
02/17/2008 05:29 PM 11,765 VAULT.JAV
12/06/2007 05:04 PM 15,485 VAULTAC2.JAV
08/31/2007 02:01 PM 17,230 VAULTACL.JAV
12/06/2007 05:04 PM 2,708 VAULTDES.JAV
08/21/2007 03:16 PM 3,314 VAULTFIL.JAV
09/21/2007 04:03 PM 2,044 VAULTLOA.JAV
12/12/2007 11:39 PM 8,086 VAULTMAN.JAV
09/07/2007 06:08 PM 8,349 VAULTPER.JAV
09/05/2007 02:24 PM 1,738 VAULTRES.JAV
09/21/2007 04:03 PM 5,796 XMLVAUL2.JAV
02/17/2008 05:29 PM 22,343 XMLVAULT.JAV
          14 File(s)      147,387 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\CLI

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/06/2007 05:04 PM 19,804 CREATEVA.JAV
08/31/2007 02:01 PM 2,595 VAULTCLI.JAV
          2 File(s)      22,399 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\EXCEPTIO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
09/05/2007 02:24 PM 1,604 DATATRAN.JAV
09/05/2007 02:24 PM 1,651 INFORMAT.JAV
    
```

```

08/29/2007 04:34 PM 1,881 VAULTACL.JAV
12/06/2007 05:04 PM 1,924 VAULTCON.JAV
07/24/2007 02:03 PM 1,850 VAULTDES.JAV
07/24/2007 02:03 PM 1,782 VAULTEXC.JAV
07/25/2007 10:56 AM 1,810 VAULTIOE.JAV
07/24/2007 02:03 PM 1,869 VAULTKE2.JAV
08/29/2007 04:34 PM 1,929 VAULTKE3.JAV
07/25/2007 10:56 AM 1,815 VAULTKEY.JAV
08/06/2007 02:29 PM 1,799 VAULTLOA.JAV
07/24/2007 02:03 PM 1,845 VAULTSEC.JAV
07/24/2007 06:10 PM 1,983 VAULTSTA.JAV
13 File(s) 23,742 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\MANAGERS

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 11:39 PM 29,280 LOCALFIL.JAV
07/15/2008 12:46 PM <DIR> STATE
1 File(s) 29,280 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\MANAGERS\STATE

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 11:39 PM 3,489 VAULTSTA.JAV
1 File(s) 3,489 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\STORAGE

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> ASN1
11/28/2007 02:58 PM 12,515 ASN1VAUL.JAV
11/21/2007 02:20 PM 10,430 VAULTKE2.JAV
09/05/2007 02:24 PM 2,887 VAULTKEY.JAV
3 File(s) 25,832 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\STORAGE\ASN1

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
08/29/2007 04:34 PM 15,394 ENCRYPTE.JAV
07/23/2007 03:18 PM 4,233 KEYINFO.JAV
07/23/2007 03:18 PM 4,914 KEYUSAGE.JAV
08/20/2007 02:08 PM 10,390 PLAINKEY.JAV
08/20/2007 02:08 PM 4,823 VAULTACL.JAV
08/29/2007 04:34 PM 6,222 VAULTKEY.JAV
08/20/2007 02:08 PM 7,742 VAULTPER.JAV
08/20/2007 02:08 PM 5,044 VAULTPUB.JAV
8 File(s) 58,762 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\SRC\VAULT\UTIL

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
02/17/2008 04:57 PM 5,201 VAULTHEL.JAV
1 File(s) 5,201 bytes
    
```


Directory of D:\MEDIA\CORE_ORG\TEST

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:27 PM <DIR> ..
07/15/2008 06:14 PM <DIR> INTEGRAT
07/15/2008 12:46 PM <DIR> ORG
07/15/2008 06:18 PM <DIR> PERFORMA
07/15/2008 06:18 PM <DIR> UNIT
0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\INTEGRAT

```

07/15/2008 06:14 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> CONTROL
07/20/2007 04:33 PM 275 INTEGRAT.JAV
07/15/2008 06:14 PM <DIR> SERVER
07/15/2008 12:46 PM <DIR> VAULT
1 File(s) 275 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\INTEGRAT\CONTROL

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:14 PM <DIR> ..
01/08/2008 02:17 PM 5,215 ERRORRAN.JAV
12/10/2007 10:49 AM 5,133 FIXEDERR.JAV
12/10/2007 10:49 AM 4,490 FIXEDPUN.JAV
3 File(s) 14,838 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\INTEGRAT\SERVER

```

07/15/2008 06:14 PM <DIR> .
07/15/2008 06:14 PM <DIR> ..
12/06/2007 12:09 PM 6,307 ALWAYSAU.JAV
12/06/2007 12:09 PM 8,542 PAMAUTHE.JAV
2 File(s) 14,849 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\INTEGRAT\VAULT

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:14 PM <DIR> ..
10/10/2007 10:50 AM 3,530 FULLACCO.JAV
08/29/2007 04:34 PM 5,286 XMLVAULT.JAV
2 File(s) 8,816 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\ORG

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> CLEVERSA
0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\ORG\CLEVERSA

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> DAEMON
    
```

07/20/2007 04:33 PM 374 REGRESSI.JAV
 1 File(s) 374 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\ORG\CLEVERSA\DAEMON

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 08/20/2007 02:08 PM 3,396 DAEMONIZ.JAV
 07/18/2007 03:06 PM 1,758 LOG4J.XML
 08/22/2007 06:39 PM 4,079 WRAPPER.CON
 3 File(s) 9,233 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA

07/15/2008 06:18 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 07/15/2008 12:46 PM <DIR> CODEC
 07/15/2008 12:46 PM <DIR> CONFIG
 07/15/2008 12:46 PM <DIR> CONTROL
 07/15/2008 12:46 PM <DIR> GRIDAPI
 07/15/2008 12:46 PM <DIR> IDA
 07/15/2008 06:17 PM <DIR> LAYER
 07/20/2007 04:33 PM 273 PERFORM2.JAV
 09/27/2007 02:01 PM 1,172 PERFORMA.JAV
 07/15/2008 12:46 PM <DIR> SERIALIZ
 07/15/2008 12:46 PM <DIR> TEST
 2 File(s) 1,445 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\CODEC

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 07/18/2007 03:16 PM 2,743 BZIP2BEN.JAV
 07/18/2007 03:16 PM 2,784 CIPHERBE.JAV
 12/14/2007 02:22 AM 9,974 CODECPER.JAV
 09/21/2007 02:00 PM 1,551 CRCINTEG.JAV
 07/18/2007 03:16 PM 2,834 GZIPBENC.JAV
 09/20/2007 01:35 PM 1,522 NULLCODE.JAV
 10/11/2007 01:55 PM 1,550 TRANSPOS.JAV
 7 File(s) 22,958 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\CONFIG

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 11/05/2007 02:11 PM 2,121 CONFIGGE.JAV
 12/12/2007 04:20 PM 3,748 CONFIGUR.JAV
 07/15/2008 12:46 PM <DIR> EVALUATO
 08/15/2007 04:40 PM 2,358 EXECUTIO.JAV
 12/06/2007 05:09 PM 7,941 INTERFAC.JAV
 11/30/2007 05:24 AM 4,070 SYSTEMPR.JAV
 12/12/2007 05:18 PM 12,791 XMLBINDI.JAV
 12/12/2007 04:20 PM 22,551 XMLPROPE.JAV
 7 File(s) 55,580 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\CONFIG\EVALUATO

07/15/2008 12:46 PM <DIR> .

```
07/15/2008 12:46 PM <DIR> ..
07/18/2007 03:25 PM 15,447 EVALUATO.JAV
1 File(s) 15,447 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\CONTROL

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
12/10/2007 10:49 AM 2,460 FIXEDERR.JAV
12/10/2007 10:49 AM 3,899 FIXEDPUN.JAV
12/10/2007 10:49 AM 4,567 INTEGERP.JAV
3 File(s) 10,926 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\GRIDAPI

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
11/08/2007 12:30 PM 15,099 SIMPLESL.JAV
1 File(s) 15,099 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\IDA

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
11/30/2007 03:06 AM 17,568 INFORMAT.JAV
1 File(s) 17,568 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\LAYER

```
07/15/2008 06:17 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
07/15/2008 12:46 PM <DIR> BDB
07/15/2008 12:46 PM <DIR> BLOCK
07/15/2008 12:46 PM <DIR> NETWORK
0 File(s) 0 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\LAYER\BDB

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:17 PM <DIR> ..
12/11/2007 10:02 PM 17,603 BDBSLICE.JAV
1 File(s) 17,603 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\LAYER\BLOCK

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:17 PM <DIR> ..
12/12/2007 04:20 PM 17,363 BLOCKFIL.JAV
1 File(s) 17,363 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\LAYER\NETWORK

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:17 PM <DIR> ..
10/09/2007 06:13 PM 7,237 NETWORKF.JAV
11/28/2007 03:15 PM 10,874 NETWORKL.JAV
11/28/2007 03:15 PM 11,975 NETWORKT.JAV
11/28/2007 03:15 PM 2,494 NOOPSER2.JAV
```

11/28/2007 03:15 PM 2,235 NOOPSERV.JAV
 5 File(s) 34,815 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\SERIALIZ

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 10/10/2007 04:36 PM 11,931 MESSAGEP.JAV
 11/27/2007 02:02 PM 9,745 PROTOCOL.JAV
 10/12/2007 06:26 PM 15,576 READCOMP.JAV
 3 File(s) 37,252 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\PERFORMA\TEST

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 08/09/2007 12:21 AM 5,454 DISKIOPE.JAV
 07/18/2007 03:16 PM 1,365 ITERATED.JAV
 09/17/2007 06:31 PM 850 PERFORM2.JAV
 07/18/2007 03:16 PM 210 PERFORMA.JAV
 09/17/2007 06:31 PM 894 SIMPLEPE.JAV
 09/17/2007 06:31 PM 1,492 THREADED.JAV
 07/18/2007 03:16 PM 149 WORKITE2.JAV
 07/18/2007 03:16 PM 447 WORKITEM.JAV
 8 File(s) 10,861 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT

07/15/2008 06:18 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 07/15/2008 12:46 PM <DIR> AUTHENTI
 10/25/2007 03:37 PM 14,968 CDBSPEC.P.JAV
 07/15/2008 12:46 PM <DIR> CODEC
 07/15/2008 12:46 PM <DIR> IDA
 07/15/2008 12:46 PM <DIR> LAYER
 07/15/2008 12:46 PM <DIR> SERIALIZ
 07/15/2008 12:46 PM <DIR> SERVER
 07/15/2008 12:46 PM <DIR> TEST
 12/12/2007 05:43 PM 6,685 TESTDATA.JAV
 10/26/2007 03:24 AM 3,285 TESTDATA.TXT
 12/12/2007 04:20 PM 1,161 UNITTEST.JAV
 07/15/2008 06:22 PM <DIR> UTIL
 07/15/2008 12:46 PM <DIR> VAULT
 4 File(s) 26,099 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\AUTHENTI

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 07/15/2008 12:46 PM <DIR> AUTHENTI
 07/15/2008 12:46 PM <DIR> CREDENTI
 12/12/2007 11:39 PM 15,706 PROPERTI.JAV
 1 File(s) 15,706 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\AUTHENTI\AUTHENTI

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..

12/12/2007 04:20 PM 6,652 PASSWORD.JAV
 1 File(s) 6,652 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\AUTHENTI\CREDENTI

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 07/18/2007 03:52 PM 2,744 PASSWORD.JAV
 1 File(s) 2,744 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\CODEC

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 07/15/2008 12:46 PM <DIR> INTEGRIT
 07/15/2008 12:46 PM <DIR> MISC
 0 File(s) 0 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\CODEC\INTEGRIT

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 09/05/2007 02:24 PM 2,959 CRCINTEG.JAV
 1 File(s) 2,959 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\CODEC\MISC

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 10/11/2007 03:27 PM 3,769 NULLCODE.JAV
 1 File(s) 3,769 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\IDA

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 12/12/2007 05:18 PM 4,181 INFORMAT.JAV
 1 File(s) 4,181 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER

07/15/2008 12:46 PM <DIR> .
 07/15/2008 06:18 PM <DIR> ..
 07/15/2008 06:21 PM <DIR> COMMUNIC
 07/15/2008 12:46 PM <DIR> DATASTOR
 07/15/2008 12:46 PM <DIR> GRID
 07/15/2008 12:46 PM <DIR> OBJECT
 07/15/2008 12:46 PM <DIR> PROTOCOL
 07/15/2008 12:46 PM <DIR> SLICESTO
 0 File(s) 0 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\COMMUNIC

07/15/2008 06:21 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 12/06/2007 12:09 PM 20,971 MINACONN.JAV
 12/17/2007 06:30 PM 9,636 TESTAPP2.JAV
 12/17/2007 06:30 PM 8,024 TESTAPPL.JAV

11/09/2007 05:17 PM 5,615 TESTTIME.JAV
 4 File(s) 44,246 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\DATASTOR

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 01/11/2008 04:50 PM 7,899 DATASTO2.JAV
 01/10/2008 02:52 PM 5,294 DATASTOR.JAV
 07/15/2008 12:46 PM <DIR> SEGMENTA
 01/11/2008 03:26 PM 4,871 STOREDDA.JAV
 3 File(s) 18,064 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\DATASTOR\SEGMENTA

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 01/11/2008 04:15 PM 9,892 RAMPSEGM.JAV
 1 File(s) 9,892 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\GRID

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 07/15/2008 12:46 PM <DIR> RANKING
 12/12/2007 05:43 PM 15,695 SIMPLESL.JAV
 1 File(s) 15,695 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\GRID\RANKING

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 02/19/2008 01:03 PM 15,734 BASESTOR.JAV
 02/19/2008 01:03 PM 3,379 MOSTSLIC.JAV
 02/19/2008 01:03 PM 4,621 MOVINGAV.JAV
 02/19/2008 01:03 PM 3,424 REEDSOLO.JAV
 02/19/2008 01:03 PM 2,287 WEIGHTED.JAV
 5 File(s) 29,445 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\OBJECT

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 12/30/2007 02:34 AM 3,359 DISPERS2.JAV
 12/30/2007 01:30 AM 8,847 DISPERS3.JAV
 12/30/2007 01:30 AM 6,662 DISPERSE.JAV
 12/29/2007 04:20 AM 3,739 FIXEDSIZ.JAV
 4 File(s) 22,607 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\PROTOCOL

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 10/06/2007 08:54 AM 7,070 GRIDPROT.JAV
 08/09/2007 10:28 PM 2,617 PASSWOR2.JAV
 08/09/2007 10:28 PM 4,958 PASSWORD.JAV
 09/07/2007 02:59 AM 2,233 VAULTBI2.JAV
 09/07/2007 02:59 AM 2,243 VAULTBIN.JAV

5 File(s) 19,121 bytes

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\SLICESTO

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> BDB
07/15/2008 12:46 PM <DIR> BLOCK
09/05/2007 02:24 PM 2,688 DATASLIC.JAV
12/07/2007 02:30 PM 2,202 SLICEST2.JAV
12/12/2007 05:43 PM 6,255 SLICEST3.JAV
12/12/2007 04:20 PM 48,442 SLICEST4.JAV
12/12/2007 05:43 PM 5,282 SLICESTO.JAV
09/05/2007 02:24 PM 3,150 SOURCENA.JAV
07/15/2008 12:46 PM <DIR> UNRELIAB
        6 File(s)        68,019 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\SLICESTO\BDB

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 05:43 PM 3,549 BDBSLIC2.JAV
12/12/2007 05:43 PM 2,111 BDBSLICE.JAV
        2 File(s)        5,660 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\SLICESTO\BLOCK

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 05:43 PM 12,963 BLOCKMU2.JAV
12/12/2007 05:18 PM 7,095 BLOCKMUL.JAV
        2 File(s)        20,058 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\LAYER\SLICESTO\UNRELIAB

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 05:43 PM 8,666 UNRELIAB.JAV
        1 File(s)        8,666 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERIALIZ

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
07/15/2008 12:46 PM <DIR> ASN1
12/12/2007 02:06 PM 45,833 PROTOCOL.JAV
07/15/2008 12:46 PM <DIR> RAW
        1 File(s)        45,833 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERIALIZ\ASN1

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
10/04/2007 09:32 AM 6,071 ASN1CUST.JAV
12/12/2007 05:43 PM 5,912 ASN1EXCE.JAV
12/12/2007 05:43 PM 12,330 ASN1EXTE.JAV
10/09/2007 10:55 AM 1,683 ASN1GRID.JAV
12/12/2007 05:43 PM 4,159 ASN1TES2.JAV
    
```

```

10/04/2007 09:32 AM          4,765 ASNITES3.JAV
12/12/2007 05:43 PM        22,460 ASN1TEST.JAV
07/15/2008 12:46 PM    <DIR>          CUSTOM
12/12/2007 05:43 PM        12,955 EXCEPTI2.JAV
12/12/2007 05:43 PM          5,286 EXCEPTIO.JAV
10/04/2007 08:03 AM          289 TEST_DEF.XML
          10 File(s)          75,910 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERIALIZ\ASN1\CUSTOM

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
10/03/2007 04:35 PM          4,304 DATASLIC.JAV
10/26/2007 02:20 AM          3,572 SLICEINF.JAV
10/03/2007 04:35 PM          5,107 SLICENAM.JAV
10/03/2007 04:35 PM          4,675 SOURCENA.JAV
          4 File(s)          17,658 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERIALIZ\RAW

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
07/15/2008 12:46 PM    <DIR>          CUSTOM
10/09/2007 10:55 AM          1,680 RAWGRIDP.JAV
          1 File(s)          1,680 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERIALIZ\RAW\CUSTOM

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
10/09/2007 04:22 PM          2,474 CUSTOMRA.JAV
10/09/2007 04:22 PM          2,060 DATASLIC.JAV
10/26/2007 02:20 AM          1,782 SLICEINF.JAV
10/09/2007 04:22 PM          1,804 SLICENAM.JAV
10/09/2007 04:22 PM          2,159 SOURCENA.JAV
          5 File(s)          10,279 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERVER

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 06:18 PM    <DIR>          ..
07/15/2008 12:46 PM    <DIR>          HANDLERS
          0 File(s)          0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERVER\HANDLERS

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
07/15/2008 12:46 PM    <DIR>          AUTHENTI
          0 File(s)          0 bytes
    
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\SERVER\HANDLERS\AUTHENTI

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
12/06/2007 12:09 PM          3,167 PASSWORD.JAV
          1 File(s)          3,167 bytes
    
```


Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\TEST

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
10/30/2007 08:53 PM 4,314 Basetest.JAV
                1 File(s) 4,314 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\UTIL

```
07/15/2008 06:22 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
07/24/2007 09:10 AM 169 BADJSAP.XML
08/23/2007 10:49 AM 5,334 BOUNDED.T.JAV
09/04/2007 04:18 PM 537 CONFJSAP.XML
12/12/2007 05:43 PM 4,511 FILERESO.JAV
07/24/2007 05:59 AM 166 GOODJSAP.XML
12/12/2007 05:43 PM 7,688 JSAPCOMM.JAV
07/15/2008 12:46 PM <DIR> MA
07/15/2008 12:46 PM <DIR> MATH
07/18/2007 03:25 PM 2,585 NAMINGHE.JAV
08/07/2007 01:28 PM 4,933 TRANSACT.JAV
07/18/2007 03:25 PM 4,161 TYPEUTIL.JAV
                9 File(s) 30,084 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\UTIL\MA

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:22 PM <DIR> ..
12/11/2007 08:15 PM 2,602 SIMPLEMO.JAV
12/11/2007 08:15 PM 2,618 WEIGHTED.JAV
                2 File(s) 5,220 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\UTIL\MATH

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:22 PM <DIR> ..
07/18/2007 03:25 PM 4,191 COMBINAT.JAV
                1 File(s) 4,191 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\VAULT

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:18 PM <DIR> ..
07/18/2007 03:25 PM 3,192 ASN1OBJE.JAV
02/17/2008 05:29 PM 43,233 BASEVAUL.JAV
07/15/2008 12:46 PM <DIR> CLI
07/15/2008 12:46 PM <DIR> MANAGERS
07/18/2007 03:25 PM 12,195 MODELTE2.JAV
07/18/2007 03:25 PM 17,403 MODELTES.JAV
07/15/2008 12:46 PM <DIR> STORAGE
07/15/2008 12:46 PM <DIR> UTIL
12/12/2007 05:43 PM 5,378 VAULTAC2.JAV
11/27/2007 02:02 PM 9,761 VAULTACL.JAV
12/12/2007 11:39 PM 16,111 VAULTMAN.JAV
07/18/2007 03:25 PM 7,484 VAULTPER.JAV
10/16/2007 03:54 AM 2,449 VAULTRES.JAV
10/16/2007 03:54 AM 5,818 XMLVAULT.JAV
                10 File(s) 123,024 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\VAULT\CLI

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 05:18 PM 7,615 CREATEVA.JAV
                1 File(s) 7,615 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\VAULT\MANAGERS

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
12/12/2007 11:39 PM 5,282 LOCALFIL.JAV
                1 File(s) 5,282 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\VAULT\STORAGE

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> ASN1
                0 File(s) 0 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\VAULT\STORAGE\ASN1

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/18/2007 03:25 PM 6,902 ENCRYPTE.JAV
07/18/2007 03:25 PM 3,133 KEYUSAGE.JAV
12/12/2007 05:43 PM 8,246 PLAINKEY.JAV
07/18/2007 03:25 PM 7,287 VAULTACL.JAV
07/18/2007 03:25 PM 5,631 VAULTPER.JAV
07/18/2007 03:25 PM 3,246 VAULTPUB.JAV
                6 File(s) 34,445 bytes
```

Directory of D:\MEDIA\CORE_ORG\TEST\UNIT\VAULT\UTIL

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/18/2007 03:52 PM 3,162 ASN1UNIQ.JAV
07/18/2007 03:52 PM 932 UUIDGENT.JAV
07/18/2007 03:52 PM 2,326 UUIDSTRI.JAV
                3 File(s) 6,420 bytes
```

Directory of D:\MEDIA\FILEDEVI

```
07/15/2008 06:28 PM <DIR> .
07/15/2008 06:41 PM <DIR> ..
07/15/2008 12:46 PM <DIR> SOURCE
07/15/2008 06:40 PM <DIR> SRC
07/15/2008 06:41 PM <DIR> TEST
                0 File(s) 0 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE

```
07/15/2008 12:46 PM <DIR> .
07/15/2008 06:28 PM <DIR> ..
07/15/2008 12:46 PM <DIR> C
07/15/2008 06:29 PM <DIR> JAVA
```

```
07/15/2008 12:46 PM <DIR>          META_INF
              0 File(s)                0 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\C

```
07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
07/15/2008 06:29 PM <DIR>          WIN32NET
07/15/2008 06:29 PM <DIR>          WIN32UTI
              0 File(s)                0 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\C\WIN32NET

```
07/15/2008 06:29 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
11/07/2007 01:28 PM          7,628 ORG_ALFR.H
11/07/2007 01:28 PM          30,671 WIN32NET.C
              2 File(s)              38,299 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\C\WIN32UTI

```
07/15/2008 06:29 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
11/07/2007 01:28 PM          1,235 ORG_ALFR.H
11/07/2007 01:28 PM          4,750 WIN32UTI.C
              2 File(s)              5,985 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA

```
07/15/2008 06:29 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
07/15/2008 12:46 PM <DIR>          ALFRESCO
              0 File(s)                0 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO

```
07/15/2008 12:46 PM <DIR>          .
07/15/2008 06:29 PM <DIR>          ..
07/15/2008 12:46 PM <DIR>          CONFIG
07/15/2008 12:46 PM <DIR>          JLAN
              0 File(s)                0 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\CONFIG

```
07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
11/07/2007 01:28 PM          6,499 CONFIGEL.JAV
07/15/2008 12:46 PM <DIR>          ELEMENT
              1 File(s)              6,499 bytes
```

Directory of
D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\CONFIG\ELEMENT

```
07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
11/07/2007 01:28 PM          1,599 GENERICC.JAV
              1 File(s)              1,599 bytes
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
07/15/2008 12:46 PM <DIR> APP
07/15/2008 12:46 PM <DIR> DEBUG
07/15/2008 12:46 PM <DIR> FTP
07/15/2008 06:31 PM <DIR> LOCKING
07/15/2008 06:31 PM <DIR> NETBIOS
07/15/2008 06:31 PM <DIR> ONCRPC
07/15/2008 12:46 PM <DIR> SAMPLE
07/15/2008 06:36 PM <DIR> SERVER
07/15/2008 06:39 PM <DIR> SMB
07/15/2008 06:39 PM <DIR> UTIL
0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\APP

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/07/2007 01:28 PM 65,510 CIFSONLY.JAV
11/07/2007 01:28 PM 3,338 DRIVEMAP.JAV
11/07/2007 01:28 PM 17,450 JLANCIFS.JAV
11/07/2007 01:28 PM 12,208 JLANSER2.JAV
11/07/2007 01:28 PM 20,231 JLANSERV.JAV
11/07/2007 01:28 PM 22,798 XMLSERVE.JAV
6 File(s) 141,535 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\DEBUG

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/07/2007 01:28 PM 2,076 CONSOLED.JAV
11/07/2007 01:28 PM 3,722 DEBUG.JAV
11/07/2007 01:28 PM 4,904 DEBUGCON.JAV
11/07/2007 01:28 PM 1,861 DEBUGINT.JAV
11/07/2007 01:28 PM 3,688 JDKLOGGI.JAV
11/07/2007 01:28 PM 3,583 LOGFILED.JAV
6 File(s) 19,834 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\FTP

```

07/15/2008 12:46 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/07/2007 01:28 PM 2,032 FTPAUTHE.JAV
11/07/2007 01:28 PM 4,579 FTPCOMMA.JAV
11/07/2007 01:28 PM 11,886 FTPCONFI.JAV
11/07/2007 01:28 PM 2,656 FTPDATA2.JAV
11/07/2007 01:28 PM 8,147 FTPDATAS.JAV
11/07/2007 01:28 PM 3,896 FTPDATE.JAV
11/07/2007 01:28 PM 12,668 FTPPATH.JAV
11/07/2007 01:28 PM 3,503 FTPPREQUE.JAV
11/07/2007 01:28 PM 21,158 FTPSERVE.JAV
11/07/2007 01:28 PM 3,236 FTPSESSI.JAV
11/07/2007 01:28 PM 1,960 FTBSITEI.JAV
11/07/2007 01:28 PM 98,695 FTPSRVSE.JAV
11/07/2007 01:28 PM 1,617 INVALIDP.JAV
11/07/2007 01:28 PM 4,975 LOCALAUT.JAV
    
```

14 File(s) 181,008 bytes

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\LOCKING

```

07/15/2008 06:31 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/07/2007 01:28 PM 1,553 ADDNAME1.JAV
11/07/2007 01:28 PM 1,640 FILELOC2.JAV
11/07/2007 01:28 PM 5,772 FILELOC3.JAV
11/07/2007 01:28 PM 4,127 FILELOCK.JAV
11/07/2007 01:28 PM 1,648 FILEUNLO.JAV
11/07/2007 01:28 PM 1,735 LOCKCONF.JAV
11/07/2007 01:28 PM 51,492 NETBIOS2.JAV
11/07/2007 01:28 PM 2,581 NETBIOSN.JAV
11/07/2007 01:28 PM 4,821 NETBIOSR.JAV
11/07/2007 01:28 PM 1,733 NOTLOCKE.JAV
11/07/2007 01:28 PM 1,635 PACKETRE.JAV
11/07/2007 01:28 PM 1,680 QUERYNAM.JAV
11/07/2007 01:28 PM 1,801 REMOTENA.JAV
13 File(s) 82,218 bytes

```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\NETBIOS

```

07/15/2008 06:31 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/07/2007 01:28 PM 1,715 NAMETEMP.JAV
11/07/2007 01:28 PM 8,801 NETBIOS.JAV
11/07/2007 01:28 PM 4,858 NETBIOS2.JAV
11/07/2007 01:28 PM 5,951 NETBIOS3.JAV
11/07/2007 01:28 PM 7,725 NETBIOS4.JAV
11/07/2007 01:28 PM 1,555 NETBIOS5.JAV
11/07/2007 01:28 PM 16,970 NETBIOSD.JAV
11/07/2007 01:28 PM 1,644 NETBIOSE.JAV
11/07/2007 01:28 PM 23,359 NETBIOSN.JAV
11/07/2007 01:28 PM 30,394 NETBIOSP.JAV
11/07/2007 01:28 PM 57,940 NETBIOSS.JAV
11/07/2007 01:28 PM 4,997 NETWORK2.JAV
11/07/2007 01:28 PM 4,163 NETWORKS.JAV
11/07/2007 01:28 PM 2,377 RFCNETBI.JAV
11/07/2007 01:28 PM 16,006 WIN32NET.JAV
11/07/2007 01:28 PM 7,804 WINSOCKE.JAV
11/07/2007 01:28 PM 2,846 WINSOCKN.JAV
17 File(s) 199,105 bytes

```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\ONCRPC

```

07/15/2008 06:31 PM <DIR> .
07/15/2008 12:46 PM <DIR> ..
11/07/2007 01:28 PM 1,889 AUTHTYPE.JAV
11/07/2007 01:28 PM 1,612 BADCOOKIE.JAV
11/07/2007 01:28 PM 1,611 BADHANDL.JAV
11/07/2007 01:28 PM 6,455 DEFAULTR.JAV
11/07/2007 01:28 PM 2,100 FILEIDCA.JAV
11/07/2007 01:28 PM 3,270 MOUNT.JAV
11/07/2007 01:28 PM 4,078 MOUNTEN2.JAV
11/07/2007 01:28 PM 2,158 MOUNTENT.JAV
11/07/2007 01:28 PM 22,639 MOUNTSER.JAV
11/07/2007 01:28 PM 6,159 MULTITH2.JAV

```

```

11/07/2007 01:28 PM          10,008 MULTITH3.JAV
11/07/2007 01:28 PM           3,615 MULTITHR.JAV
11/07/2007 01:28 PM        12,229 NETWORKF.JAV
11/07/2007 01:28 PM           8,375 NFS.JAV
11/07/2007 01:28 PM        13,483 NFSCONFI.JAV
11/07/2007 01:28 PM           8,905 NFSHANDL.JAV
11/07/2007 01:28 PM       130,268 NFSSEERVE.JAV
11/07/2007 01:28 PM          2,869 NFSSESSI.JAV
11/07/2007 01:28 PM        11,184 NFSRVSE.JAV
11/07/2007 01:28 PM       14,464 PORTMAP2.JAV
11/07/2007 01:28 PM          3,461 PORTMAP3.JAV
11/07/2007 01:28 PM          2,193 PORTMAPP.JAV
11/07/2007 01:28 PM          3,449 RPC.JAV
11/07/2007 01:28 PM          3,146 RPCAUTH2.JAV
11/07/2007 01:28 PM          2,011 RPCAUTHE.JAV
11/07/2007 01:28 PM          3,641 RPCCLIEN.JAV
11/07/2007 01:28 PM          6,107 RPCNETWO.JAV
11/07/2007 01:28 PM          1,606 RPCPACK2.JAV
11/07/2007 01:28 PM        10,107 RPCPACK3.JAV
11/07/2007 01:28 PM       27,284 RPCPACKE.JAV
11/07/2007 01:28 PM          1,532 RPCPROCE.JAV
11/07/2007 01:28 PM          5,765 RPCREQU2.JAV
11/07/2007 01:28 PM          2,934 RPCREQUE.JAV
11/07/2007 01:28 PM          6,845 SEARCHCA.JAV
11/07/2007 01:28 PM          2,964 SHAREDE2.JAV
11/07/2007 01:28 PM          2,484 SHAREDET.JAV
11/07/2007 01:28 PM          1,620 STALEHAN.JAV
11/07/2007 01:28 PM          2,875 TCPRPCCL.JAV
11/07/2007 01:28 PM       10,313 TCPRPCPA.JAV
11/07/2007 01:28 PM          5,586 TCPRPCSE.JAV
11/07/2007 01:28 PM          4,095 UDRPCDA.JAV
      41 File(s)          377,389 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\SAMPLE

```

07/15/2008 12:46 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
11/07/2007 01:28 PM          9,662 HOMESHAR.JAV
11/07/2007 01:28 PM          3,703 MD5SUMFI.JAV
11/07/2007 01:28 PM          2,448 TESTFILE.JAV
11/07/2007 01:28 PM          2,368 TESTFTPS.JAV
      4 File(s)          18,181 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\SERVER

```

07/15/2008 06:36 PM    <DIR>          .
07/15/2008 12:46 PM    <DIR>          ..
11/07/2007 01:28 PM          2,960 ACCESSC2.JAV
11/07/2007 01:28 PM          3,865 ACCESSC3.JAV
11/07/2007 01:28 PM          3,067 ACCESSC4.JAV
11/07/2007 01:28 PM          3,993 ACCESSC5.JAV
11/07/2007 01:28 PM          5,441 ACCESSCO.JAV
11/07/2007 01:28 PM          1,812 ACCESSDE.JAV
11/07/2007 01:28 PM          3,751 ACCESSMO.JAV
11/07/2007 01:28 PM          1,629 ACLPARSE.JAV
11/07/2007 01:28 PM          1,436 AUTHCONT.JAV
11/07/2007 01:28 PM          1,636 AUTHENT2.JAV
11/07/2007 01:28 PM         41,342 AUTHENTI.JAV
    
```

11/07/2007	01:28	PM	23,905	AUTHSESS.JAV
11/07/2007	01:28	PM	31,928	BACKGRO2.JAV
11/07/2007	01:28	PM	1,805	BACKGROU.JAV
11/07/2007	01:28	PM	3,316	CACHEDFI.JAV
11/07/2007	01:28	PM	14,482	CACHEDNE.JAV
11/07/2007	01:28	PM	4,431	CACHEDSE.JAV
11/07/2007	01:28	PM	28,287	CIFSAUTH.JAV
11/07/2007	01:28	PM	1,523	CLIENTI2.JAV
11/07/2007	01:28	PM	9,219	CLIENTIN.JAV
11/07/2007	01:28	PM	6,787	CONFIGID.JAV
11/07/2007	01:28	PM	3,434	CONFIGSE.JAV
11/07/2007	01:28	PM	2,369	CONFIGUR.JAV
11/07/2007	01:28	PM	9,696	DATAGRAM.JAV
11/07/2007	01:28	PM	2,722	DEDATAD2.JAV
11/07/2007	01:28	PM	4,140	DEDATADE.JAV
11/07/2007	01:28	PM	3,676	DEDATAIN.JAV
11/07/2007	01:28	PM	22,760	DBDEVICE.JAV
11/07/2007	01:28	PM	89,810	DBDISKDR.JAV
11/07/2007	01:28	PM	1,620	DBEXCEPT.JAV
11/07/2007	01:28	PM	2,437	DBFILEIN.JAV
11/07/2007	01:28	PM	68,900	DBFILELO.JAV
11/07/2007	01:28	PM	9,548	DBINTERF.JAV
11/07/2007	01:28	PM	4,753	DBNETWOR.JAV
11/07/2007	01:28	PM	2,210	DBOBJECT.JAV
11/07/2007	01:28	PM	3,215	DBQUEUEI.JAV
11/07/2007	01:28	PM	6,900	DBQUOTAM.JAV
11/07/2007	01:28	PM	6,008	DBSEARCH.JAV
11/07/2007	01:28	PM	2,572	DEFAULT2.JAV
11/07/2007	01:28	PM	9,026	DEFAULTA.JAV
11/07/2007	01:28	PM	1,614	DEFAULTC.JAV
11/07/2007	01:28	PM	6,864	DEFAULTS.JAV
11/07/2007	01:28	PM	2,770	DEFAULTU.JAV
11/07/2007	01:28	PM	4,938	DELAYEDR.JAV
11/07/2007	01:28	PM	4,066	DELETEFI.JAV
11/07/2007	01:28	PM	3,548	DER.JAV
11/07/2007	01:28	PM	2,840	DERBITST.JAV
11/07/2007	01:28	PM	2,714	DERBOOLE.JAV
11/07/2007	01:28	PM	15,939	DERBUFFE.JAV
11/07/2007	01:28	PM	96,965	DERBYDBI.JAV
11/07/2007	01:28	PM	5,291	DERBYSEA.JAV
11/07/2007	01:28	PM	2,717	DERENUME.JAV
11/07/2007	01:28	PM	3,043	DERGENER.JAV
11/07/2007	01:28	PM	2,823	DERINTEG.JAV
11/07/2007	01:28	PM	2,284	DEROBJEC.JAV
11/07/2007	01:28	PM	3,355	DEROCTET.JAV
11/07/2007	01:28	PM	4,929	DEROID.JAV
11/07/2007	01:28	PM	4,911	DERSEQUE.JAV
11/07/2007	01:28	PM	1,785	DEVICEAT.JAV
11/07/2007	01:28	PM	1,716	DEVICEC2.JAV
11/07/2007	01:28	PM	4,249	DEVICECO.JAV
11/07/2007	01:28	PM	2,422	DEVICEIN.JAV
11/07/2007	01:28	PM	1,739	DIRECTO2.JAV
11/07/2007	01:28	PM	3,353	DIRECTOR.JAV
11/07/2007	01:28	PM	7,049	DISKDEVI.JAV
11/07/2007	01:28	PM	1,723	DISKFULL.JAV
11/07/2007	01:28	PM	5,434	DISKINFO.JAV
11/07/2007	01:28	PM	8,703	DISKINTE.JAV
11/07/2007	01:28	PM	1,822	DISKOFFL.JAV

11/07/2007	01:28	PM	2,833	DISKSHAR.JAV
11/07/2007	01:28	PM	1,823	DISKSIZE.JAV
11/07/2007	01:28	PM	1,700	DISKVOLU.JAV
11/07/2007	01:28	PM	2,397	DOMAINA2.JAV
11/07/2007	01:28	PM	2,589	DOMAINAC.JAV
11/07/2007	01:28	PM	1,803	DOMAINMA.JAV
11/07/2007	01:28	PM	60,637	ENTERPRI.JAV
11/07/2007	01:28	PM	2,011	FILEACCE.JAV
11/07/2007	01:28	PM	3,757	FILEACTI.JAV
11/07/2007	01:28	PM	4,809	FILEATTR.JAV
11/07/2007	01:28	PM	1,780	FILEEXIS.JAV
11/07/2007	01:28	PM	1,857	FILEIDIN.JAV
11/07/2007	01:28	PM	18,680	FILEINFO.JAV
11/07/2007	01:28	PM	1,737	FILELIST.JAV
11/07/2007	01:28	PM	1,624	FILELOA2.JAV
11/07/2007	01:28	PM	3,869	FILELOAD.JAV
11/07/2007	01:28	PM	2,234	FILELOC2.JAV
11/07/2007	01:28	PM	1,789	FILELOCK.JAV
11/07/2007	01:28	PM	1,731	FILENAM2.JAV
11/07/2007	01:28	PM	16,116	FILENAME.JAV
11/07/2007	01:28	PM	1,789	FILEOFFL.JAV
11/07/2007	01:28	PM	17,615	FILEOPEN.JAV
11/07/2007	01:28	PM	2,638	FILEPRO2.JAV
11/07/2007	01:28	PM	2,090	FILEPROC.JAV
11/07/2007	01:28	PM	3,328	FILEREQ2.JAV
11/07/2007	01:28	PM	6,223	FILEREQU.JAV
11/07/2007	01:28	PM	7,659	FILESEG2.JAV
11/07/2007	01:28	PM	13,404	FILESEGM.JAV
11/07/2007	01:28	PM	1,639	FILESHAR.JAV
11/07/2007	01:28	PM	14,082	FILESTA2.JAV
11/07/2007	01:28	PM	1,840	FILESTA3.JAV
11/07/2007	01:28	PM	5,286	FILESTA4.JAV
11/07/2007	01:28	PM	1,977	FILESTA5.JAV
11/07/2007	01:28	PM	16,179	FILESTAT.JAV
11/07/2007	01:28	PM	1,792	FILESYS2.JAV
11/07/2007	01:28	PM	3,080	FILESYS3.JAV
11/07/2007	01:28	PM	2,356	FILESYST.JAV
11/07/2007	01:28	PM	2,153	FILETYPE.JAV
11/07/2007	01:28	PM	2,609	GIDACCE2.JAV
11/07/2007	01:28	PM	3,004	GIDACCES.JAV
11/07/2007	01:28	PM	3,593	GLOBALCO.JAV
11/07/2007	01:28	PM	1,939	INCOMPLE.JAV
11/07/2007	01:28	PM	1,643	INVALIDA.JAV
11/07/2007	01:28	PM	2,384	INVALIDC.JAV
11/07/2007	01:28	PM	1,915	INVALIDD.JAV
11/07/2007	01:28	PM	1,626	INVALIDU.JAV
11/07/2007	01:28	PM	1,771	IOCONTRO.JAV
11/07/2007	01:28	PM	2,339	IOCTLINT.JAV
11/07/2007	01:28	PM	3,560	IPADDRE2.JAV
11/07/2007	01:28	PM	3,382	IPADDRES.JAV
11/07/2007	01:28	PM	31,072	JDBCDBIN.JAV
11/07/2007	01:28	PM	3,367	KERBEROS.JAV
11/07/2007	01:28	PM	4,790	LOCALAUT.JAV
11/07/2007	01:28	PM	6,057	LOCALDAT.JAV
11/07/2007	01:28	PM	3,216	LOCALPSE.JAV
11/07/2007	01:28	PM	3,302	LOCKMANA.JAV
11/07/2007	01:28	PM	1,890	MEDIAOFF.JAV
11/07/2007	01:28	PM	15,215	MEMORYBA.JAV

11/07/2007	01:28	PM	5,644	MEMORYNE.JAV
11/07/2007	01:28	PM	2,939	MEMORYPS.JAV
11/07/2007	01:28	PM	4,994	MEMORYS2.JAV
11/07/2007	01:28	PM	4,428	MEMORYSE.JAV
11/07/2007	01:28	PM	2,835	MULTIPLE.JAV
11/07/2007	01:28	PM	115,340	MYSQLEDBI.JAV
11/07/2007	01:28	PM	5,981	MYSQLESA.JAV
11/07/2007	01:28	PM	2,449	NAMEDFIL.JAV
11/07/2007	01:28	PM	7,062	NEGTOKE2.JAV
11/07/2007	01:28	PM	9,790	NEGTOKEN.JAV
11/07/2007	01:28	PM	4,012	NETWORK2.JAV
11/07/2007	01:28	PM	3,552	NETWORK3.JAV
11/07/2007	01:28	PM	16,358	NETWORKF.JAV
11/07/2007	01:28	PM	12,694	NETWORKS.JAV
11/07/2007	01:28	PM	4,655	NOTIFYCH.JAV
11/07/2007	01:28	PM	2,638	NTLANMAN.JAV
11/07/2007	01:28	PM	3,129	NTLM.JAV
11/07/2007	01:28	PM	6,163	NTLMLOGO.JAV
11/07/2007	01:28	PM	11,318	NTLMMESS.JAV
11/07/2007	01:28	PM	5,060	NTLMV2BL.JAV
11/07/2007	01:28	PM	47,462	OBJECTID.JAV
11/07/2007	01:28	PM	2,353	OID.JAV
11/07/2007	01:28	PM	127,192	ORACLEDB.JAV
11/07/2007	01:28	PM	5,168	ORACLESE.JAV
11/07/2007	01:28	PM	2,732	PACKETH2.JAV
11/07/2007	01:28	PM	2,288	PACKETHA.JAV
11/07/2007	01:28	PM	2,228	PASSTHR2.JAV
11/07/2007	01:28	PM	4,820	PASSTHR3.JAV
11/07/2007	01:28	PM	24,216	PASSTHR4.JAV
11/07/2007	01:28	PM	34,622	PASSTHRU.JAV
11/07/2007	01:28	PM	13,949	PASSWORD.JAV
11/07/2007	01:28	PM	1,787	PATHNOTF.JAV
11/07/2007	01:28	PM	2,564	PROTOCO2.JAV
11/07/2007	01:28	PM	3,590	PROTOCOL.JAV
11/07/2007	01:28	PM	2,583	PSEUDOF2.JAV
11/07/2007	01:28	PM	3,718	PSEUDOF3.JAV
11/07/2007	01:28	PM	4,360	PSEUDOFI.JAV
11/07/2007	01:28	PM	4,308	PSEUDOFO.JAV
11/07/2007	01:28	PM	6,545	PSEUDONE.JAV
11/07/2007	01:28	PM	7,406	PSEUDOSE.JAV
11/07/2007	01:28	PM	1,634	QUOTAMA2.JAV
11/07/2007	01:28	PM	3,202	QUOTAMAN.JAV
11/07/2007	01:28	PM	2,647	RANGEDOM.JAV
11/07/2007	01:28	PM	3,523	RETENTIO.JAV
11/07/2007	01:28	PM	5,338	SEARCHCO.JAV
11/07/2007	01:28	PM	2,787	SECURIT2.JAV
11/07/2007	01:28	PM	13,277	SECURITY.JAV
11/07/2007	01:28	PM	1,771	SERVERAC.JAV
11/07/2007	01:28	PM	9,526	SERVERCO.JAV
11/07/2007	01:28	PM	1,879	SERVERLI.JAV
11/07/2007	01:28	PM	3,925	SESSION2.JAV
11/07/2007	01:28	PM	3,645	SESSION3.JAV
11/07/2007	01:28	PM	1,840	SESSIONH.JAV
11/07/2007	01:28	PM	2,008	SESSIONL.JAV
11/07/2007	01:28	PM	9,159	SESSIONS.JAV
11/07/2007	01:28	PM	6,179	SHARED2.JAV
11/07/2007	01:28	PM	10,444	SHAREDDE.JAV
11/07/2007	01:28	PM	1,886	SHARELIS.JAV

11/07/2007	01:28	PM	2,942	SHAREMAP.JAV
11/07/2007	01:28	PM	3,455	SHARETYP.JAV
11/07/2007	01:28	PM	10,663	SIMPLEFI.JAV
11/07/2007	01:28	PM	5,416	SINGLEFI.JAV
11/07/2007	01:28	PM	31,532	SMBPACKE.JAV
11/07/2007	01:28	PM	3,774	SOCKETPA.JAV
11/07/2007	01:28	PM	7,826	SOCKETSE.JAV
11/07/2007	01:28	PM	3,020	SPNEGO.JAV
11/07/2007	01:28	PM	4,779	SRVDISKI.JAV
11/07/2007	01:28	PM	3,184	SRVSESS2.JAV
11/07/2007	01:28	PM	10,334	SRVSESSI.JAV
11/07/2007	01:28	PM	2,580	SUBNETDO.JAV
11/07/2007	01:28	PM	2,143	SYMBOLIC.JAV
11/07/2007	01:28	PM	2,809	TARGETIN.JAV
11/07/2007	01:28	PM	7,056	TCPIPSMB.JAV
11/07/2007	01:28	PM	4,387	THREADED.JAV
11/07/2007	01:28	PM	1,832	TOOMANYC.JAV
11/07/2007	01:28	PM	1,783	TOOMANYF.JAV
11/07/2007	01:28	PM	1,983	TRANSACT.JAV
11/07/2007	01:28	PM	3,401	TREECON2.JAV
11/07/2007	01:28	PM	8,897	TREECONN.JAV
11/07/2007	01:28	PM	4,796	TYPE1NTL.JAV
11/07/2007	01:28	PM	7,669	TYPE2NTL.JAV
11/07/2007	01:28	PM	7,844	TYPE3NTL.JAV
11/07/2007	01:28	PM	2,598	UIDACCE2.JAV
11/07/2007	01:28	PM	2,617	UIDACCES.JAV
11/07/2007	01:28	PM	1,773	UNSUPPOR.JAV
11/07/2007	01:28	PM	2,370	USERACC2.JAV
11/07/2007	01:28	PM	4,396	USERACC3.JAV
11/07/2007	01:28	PM	2,472	USERACCE.JAV
11/07/2007	01:28	PM	7,648	USERACCO.JAV
11/07/2007	01:28	PM	2,021	USERSINT.JAV
11/07/2007	01:28	PM	1,875	VERSION.JAV
11/07/2007	01:28	PM	3,453	VOLUMEIN.JAV
11/07/2007	01:28	PM	2,913	WRITERE2.JAV
11/07/2007	01:28	PM	4,614	WRITEREQ.JAV
			221 File(s)	1,806,054 bytes

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\SMB

07/15/2008	06:39	PM	<DIR>	.
07/15/2008	12:46	PM	<DIR>	..
11/07/2007	01:28	PM		7,182 ACE.JAV
11/07/2007	01:28	PM		5,508 ACL.JAV
11/07/2007	01:28	PM		1,644 ADMINSHA.JAV
11/07/2007	01:28	PM		2,365 CAPABILI.JAV
11/07/2007	01:28	PM		31,872 CIFSCONF.JAV
11/07/2007	01:28	PM		107,816 COREPROT.JAV
11/07/2007	01:28	PM		5,990 CORERESU.JAV
11/07/2007	01:28	PM		1,690 DATATYPE.JAV
11/07/2007	01:28	PM		1,612 DCEBUFF2.JAV
11/07/2007	01:28	PM		39,534 DCEBUFFE.JAV
11/07/2007	01:28	PM		2,549 DCECOMMA.JAV
11/07/2007	01:28	PM		3,144 DCEDATAP.JAV
11/07/2007	01:28	PM		1,516 DCEEXCEP.JAV
11/07/2007	01:28	PM		1,829 DCEHANDL.JAV
11/07/2007	01:28	PM		7,356 DCELIST.JAV
11/07/2007	01:28	PM		5,906 DCEPIPEF.JAV

11/07/2007	01:28	PM	2,208	DCEPIPEH.JAV
11/07/2007	01:28	PM	5,847	DCEPIPET.JAV
11/07/2007	01:28	PM	1,651	DCEREA2.JAV
11/07/2007	01:28	PM	1,812	DCEREADA.JAV
11/07/2007	01:28	PM	21,492	DCERPCHA.JAV
11/07/2007	01:28	PM	10,137	DCESRVPA.JAV
11/07/2007	01:28	PM	1,652	DCEWRIT2.JAV
11/07/2007	01:28	PM	1,931	DCEWRITE.JAV
11/07/2007	01:28	PM	2,040	DEFAULTS.JAV
11/07/2007	01:28	PM	2,700	DELAYEDR.JAV
11/07/2007	01:28	PM	8,687	DIALECT.JAV
11/07/2007	01:28	PM	4,942	DIALECTS.JAV
11/07/2007	01:28	PM	9,433	DISKINFO.JAV
11/07/2007	01:28	PM	3,088	DRIVEMA2.JAV
11/07/2007	01:28	PM	4,120	DRIVEMAP.JAV
11/07/2007	01:28	PM	31,250	ENHJAVAF.JAV
11/07/2007	01:28	PM	4,316	FILEINFO.JAV
11/07/2007	01:28	PM	1,594	FIND.JAV
11/07/2007	01:28	PM	1,665	FINDFIRS.JAV
11/07/2007	01:28	PM	27,219	FINDINFO.JAV
11/07/2007	01:28	PM	10,961	HOSTANNO.JAV
11/07/2007	01:28	PM	1,792	INVALIDU.JAV
11/07/2007	01:28	PM	23,400	IPCHANDL.JAV
11/07/2007	01:28	PM	13,909	JAVAFIL2.JAV
11/07/2007	01:28	PM	31,436	JAVAFILE.JAV
11/07/2007	01:28	PM	10,680	JAVANETW.JAV
11/07/2007	01:28	PM	1,550	LANALIST.JAV
11/07/2007	01:28	PM	108,643	LANMANPR.JAV
11/07/2007	01:28	PM	1,687	LOADEXCE.JAV
11/07/2007	01:28	PM	2,975	LOCKINGA.JAV
11/07/2007	01:28	PM	4,093	MAILSLOT.JAV
11/07/2007	01:28	PM	2,695	NAMEDPIP.JAV
11/07/2007	01:28	PM	4,883	NETBIOSP.JAV
11/07/2007	01:28	PM	6,917	NETBIOSS.JAV
11/07/2007	01:28	PM	2,070	NIOFILEL.JAV
11/07/2007	01:28	PM	12,703	NIOJAVAN.JAV
11/07/2007	01:28	PM	5,172	NIOLOCKM.JAV
11/07/2007	01:28	PM	2,616	NOTIFYC2.JAV
11/07/2007	01:28	PM	28,595	NOTIFYC3.JAV
11/07/2007	01:28	PM	4,797	NOTIFYCH.JAV
11/07/2007	01:28	PM	6,457	NOTIFYR2.JAV
11/07/2007	01:28	PM	12,186	NOTIFYRE.JAV
11/07/2007	01:28	PM	2,817	NTFSSTRE.JAV
11/07/2007	01:28	PM	9,803	NTIOCTL.JAV
11/07/2007	01:28	PM	3,737	NTPARAME.JAV
11/07/2007	01:28	PM	212,473	NTPROTOC.JAV
11/07/2007	01:28	PM	6,189	NTSERVIC.JAV
11/07/2007	01:28	PM	3,089	NTTIME.JAV
11/07/2007	01:28	PM	15,393	NTTRANSP.JAV
11/07/2007	01:28	PM	1,595	OPENANDX.JAV
11/07/2007	01:28	PM	5,232	PACKETHA.JAV
11/07/2007	01:28	PM	14,967	PACKETTY.JAV
11/07/2007	01:28	PM	14,451	PCSHARE.JAV
11/07/2007	01:28	PM	2,698	PCSHAREL.JAV
11/07/2007	01:28	PM	1,482	PIPEDEVI.JAV
11/07/2007	01:28	PM	19,929	PIPELANM.JAV
11/07/2007	01:28	PM	4,447	POLICYHA.JAV
11/07/2007	01:28	PM	2,455	PROTOCO2.JAV

11/07/2007	01:28	PM	5,934	PROTOCO3.JAV
11/07/2007	01:28	PM	1,923	PROTOCOL.JAV
11/07/2007	01:28	PM	18,534	QUERYINF.JAV
11/07/2007	01:28	PM	3,669	RID.JAV
11/07/2007	01:28	PM	4,490	RIDLIST.JAV
11/07/2007	01:28	PM	1,685	SAVEEXCE.JAV
11/07/2007	01:28	PM	1,641	SECURIT2.JAV
11/07/2007	01:28	PM	9,973	SECURITY.JAV
11/07/2007	01:28	PM	1,568	SEEKTYPE.JAV
11/07/2007	01:28	PM	6,856	SERVERIN.JAV
11/07/2007	01:28	PM	10,299	SERVERTY.JAV
11/07/2007	01:28	PM	5,890	SESSIONS.JAV
11/07/2007	01:28	PM	2,868	SHAREIN2.JAV
11/07/2007	01:28	PM	12,633	SHAREINF.JAV
11/07/2007	01:28	PM	1,676	SHARINGM.JAV
11/07/2007	01:28	PM	9,685	SID.JAV
11/07/2007	01:28	PM	3,409	SIDLIST.JAV
11/07/2007	01:28	PM	4,070	SMBDATE.JAV
11/07/2007	01:28	PM	2,245	SMBDEVIC.JAV
11/07/2007	01:28	PM	22,775	SMBERROR.JAV
11/07/2007	01:28	PM	2,719	SMBEXCEP.JAV
11/07/2007	01:28	PM	23,357	SMBMAILS.JAV
11/07/2007	01:28	PM	22,669	SMBPACKE.JAV
11/07/2007	01:28	PM	25,305	SMBSERVE.JAV
11/07/2007	01:28	PM	3,895	SMBSRVEX.JAV
11/07/2007	01:28	PM	39,427	SMBSRVPA.JAV
11/07/2007	01:28	PM	2,412	SMBSRVS2.JAV
11/07/2007	01:28	PM	49,197	SMBSRVSE.JAV
11/07/2007	01:28	PM	18,901	SMBSRVTR.JAV
11/07/2007	01:28	PM	13,028	SMBSTATU.JAV
11/07/2007	01:28	PM	8,813	SMBTRANS.JAV
11/07/2007	01:28	PM	4,275	SOCKETPA.JAV
11/07/2007	01:28	PM	1,587	SRVSESSI.JAV
11/07/2007	01:28	PM	3,207	SRVSVC.JAV
11/07/2007	01:28	PM	10,707	SRVSVDCD.JAV
11/07/2007	01:28	PM	5,212	SRVTRANS.JAV
11/07/2007	01:28	PM	3,734	STREAMI2.JAV
11/07/2007	01:28	PM	7,589	STREAMIN.JAV
11/07/2007	01:28	PM	6,252	TCPIPNET.JAV
11/07/2007	01:28	PM	4,430	TCPIPSM2.JAV
11/07/2007	01:28	PM	5,209	TCPIPSM3.JAV
11/07/2007	01:28	PM	1,389	TCPIPSMB.JAV
11/07/2007	01:28	PM	1,493	TRANSAC2.JAV
11/07/2007	01:28	PM	11,660	TRANSACT.JAV
11/07/2007	01:28	PM	1,892	UNKNOWNL.JAV
11/07/2007	01:28	PM	1,775	UNSUPPORT.JAV
11/07/2007	01:28	PM	10,231	UUID.JAV
11/07/2007	01:28	PM	5,402	VIRTUAL2.JAV
11/07/2007	01:28	PM	12,838	VIRTUALC.JAV
11/07/2007	01:28	PM	3,633	WELLKNO2.JAV
11/07/2007	01:28	PM	5,214	WELLKNOW.JAV
11/07/2007	01:28	PM	7,354	WIN32NE2.JAV
11/07/2007	01:28	PM	28,507	WIN32NE3.JAV
11/07/2007	01:28	PM	11,424	WIN32NET.JAV
11/07/2007	01:28	PM	2,932	WINNT.JAV
11/07/2007	01:28	PM	6,639	WINSOCKN.JAV
11/07/2007	01:28	PM	1,753	WKSSVC.JAV
11/07/2007	01:28	PM	5,248	WKSSVDCD.JAV

11/07/2007 01:28 PM 6,533 WORKSTAT.JAV
 133 File(s) 1,515,936 bytes

Directory of D:\MEDIA\FILEDEVI\SOURCE\JAVA\ALFRESCO\JLAN\UTIL

07/15/2008 06:39 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 11/07/2007 01:28 PM 2,156 CONSOLEI.JAV
 11/07/2007 01:28 PM 16,548 DATABUFF.JAV
 11/07/2007 01:28 PM 23,044 DATAPACK.JAV
 11/07/2007 01:28 PM 1,591 DBCONNE2.JAV
 11/07/2007 01:28 PM 20,935 DBCONNEC.JAV
 11/07/2007 01:28 PM 8,471 HEXDUMP.JAV
 11/07/2007 01:28 PM 6,050 IPADDRES.JAV
 11/07/2007 01:28 PM 4,102 LOCALSER.JAV
 11/07/2007 01:28 PM 4,983 MEMORYSI.JAV
 11/07/2007 01:28 PM 3,903 NAMEVAL2.JAV
 11/07/2007 01:28 PM 3,575 NAMEVALU.JAV
 11/07/2007 01:28 PM 2,291 PLATFORM.JAV
 11/07/2007 01:28 PM 2,905 REQUESTQ.JAV
 11/07/2007 01:28 PM 4,040 STRINGLI.JAV
 11/07/2007 01:28 PM 6,088 UTF8NORM.JAV
 11/07/2007 01:28 PM 15,569 WILDCARD.JAV
 11/07/2007 01:28 PM 3,568 WIN32UTI.JAV
 11/07/2007 01:28 PM 2,139 X64.JAV
 18 File(s) 131,958 bytes

Directory of D:\MEDIA\FILEDEVI\SOURCE\META_INF

07/15/2008 12:46 PM <DIR> .
 07/15/2008 12:46 PM <DIR> ..
 11/07/2007 01:28 PM 69 ALFRESCO.MF
 1 File(s) 69 bytes

Directory of D:\MEDIA\FILEDEVI\SRC

07/15/2008 06:40 PM <DIR> .
 07/15/2008 06:28 PM <DIR> ..
 07/15/2008 12:47 PM <DIR> FILEOBJ
 0 File(s) 0 bytes

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ

07/15/2008 12:47 PM <DIR> .
 07/15/2008 06:40 PM <DIR> ..
 07/15/2008 12:46 PM <DIR> DIRECTOR
 01/11/2008 06:00 PM 17,858 DISPERS2.JAV
 01/11/2008 06:00 PM 8,039 DISPERS3.JAV
 01/11/2008 06:00 PM 6,323 DISPERS4.JAV
 01/11/2008 03:54 PM 5,383 DISPERS5.JAV
 01/11/2008 01:32 PM 1,797 DISPERS6.JAV
 01/11/2008 03:54 PM 2,593 DISPERSE.JAV
 07/15/2008 12:46 PM <DIR> EXCEPTIO
 01/07/2008 10:08 PM 4,614 FILEACCE.JAV
 12/29/2007 04:21 AM 3,039 FILEMETA.JAV
 01/11/2008 04:15 AM 1,401 FILENAME.JAV
 01/07/2008 10:08 PM 78 FILEPARA.JAV
 01/11/2008 06:00 PM 5,409 FILEVAUL.JAV

```

07/15/2008 12:46 PM <DIR>          JLAN
07/15/2008 12:47 PM <DIR>          JLANPROT
01/08/2008 12:32 PM                2,597 METADATA.JAV
01/09/2008 01:49 AM                1,132 PATH.JAV
          13 File(s)                60,263 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\DIRECTOR

```

07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:47 PM <DIR>          ..
07/15/2008 12:46 PM <DIR>          BINARY
01/10/2008 02:17 PM                1,529 DIRECTO2.JAV
01/09/2008 01:49 AM                1,421 DIRECTO3.JAV
01/11/2008 04:15 AM                5,432 DIRECTOR.JAV
07/15/2008 12:46 PM <DIR>          EXCEPTIO
01/10/2008 02:17 PM                777 FILETYPE.JAV
07/15/2008 12:46 PM <DIR>          XML
          4 File(s)                9,159 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\DIRECTOR\BINARY

```

07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
01/09/2008 01:49 AM                2,662 BINARYD2.JAV
01/10/2008 02:17 PM                3,783 BINARYDI.JAV
          2 File(s)                6,445 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\DIRECTOR\EXCEPTIO

```

07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
01/11/2008 04:15 AM                1,398 ENTRYALR.JAV
          1 File(s)                1,398 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\DIRECTOR\XML

```

07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:46 PM <DIR>          ..
01/09/2008 01:49 AM                1,625 XMLDIRE2.JAV
01/09/2008 01:49 AM                1,635 XMLDIREC.JAV
          2 File(s)                3,260 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\EXCEPTIO

```

07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:47 PM <DIR>          ..
12/23/2007 07:45 AM                1,477 FILEREAD.JAV
12/23/2007 07:45 AM                1,481 FILEWRIT.JAV
01/10/2008 02:17 PM                116 ILLEGALF.JAV
12/23/2007 07:45 AM                1,488 INVALIDF.JAV
01/10/2008 02:17 PM                115 METADATA.JAV
          5 File(s)                4,677 bytes
    
```

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\JLAN

```

07/15/2008 12:46 PM <DIR>          .
07/15/2008 12:47 PM <DIR>          ..
12/23/2007 07:45 AM                108,095 DSNETDIS.JAV
    
```

01/07/2008 10:08 PM 2,652 DSNETNET.JAV
 2 File(s) 110,747 bytes

Directory of D:\MEDIA\FILEDEVI\SRC\FILEOBJ\JLANPROT

07/15/2008 12:47 PM <DIR> .
 07/15/2008 12:47 PM <DIR> ..
 12/04/2007 02:01 PM 772 DSNETDEV.JAV
 01/07/2008 10:08 PM 65,864 DSNETFIL.JAV
 12/14/2007 04:03 PM 3,396 FILEDEV2.JAV
 12/04/2007 02:01 PM 14,506 FILEDEVI.JAV
 12/04/2007 02:01 PM 690 FILEIOEX.JAV
 5 File(s) 85,228 bytes

Directory of D:\MEDIA\FILEDEVI\TEST

07/15/2008 06:41 PM <DIR> .
 07/15/2008 06:28 PM <DIR> ..
 07/15/2008 12:47 PM <DIR> FILEOBJ
 0 File(s) 0 bytes

Directory of D:\MEDIA\FILEDEVI\TEST\FILEOBJ

07/15/2008 12:47 PM <DIR> .
 07/15/2008 06:41 PM <DIR> ..
 01/11/2008 06:00 PM 2,700 DISPERSE.JAV
 1 File(s) 2,700 bytes

Directory of D:\MEDIA\SLICESER

07/15/2008 06:46 PM <DIR> .
 07/15/2008 06:41 PM <DIR> ..
 07/15/2008 06:42 PM <DIR> SRC
 07/15/2008 12:47 PM <DIR> TEST
 0 File(s) 0 bytes

Directory of D:\MEDIA\SLICESER\SRC

07/15/2008 06:42 PM <DIR> .
 07/15/2008 06:46 PM <DIR> ..
 07/15/2008 06:42 PM <DIR> SS
 0 File(s) 0 bytes

Directory of D:\MEDIA\SLICESER\SRC\SS

07/15/2008 06:42 PM <DIR> .
 07/15/2008 06:42 PM <DIR> ..
 07/15/2008 12:47 PM <DIR> CONFIGUR
 07/15/2008 12:47 PM <DIR> HANDLERS
 12/07/2007 02:31 PM 4,109 SLICESE2.JAV
 12/19/2007 03:08 PM 7,846 SLICESE3.JAV
 12/10/2007 02:25 PM 12,286 SLICESE4.JAV
 12/05/2007 03:39 PM 7,217 SLICESER.JAV
 4 File(s) 31,458 bytes

Directory of D:\MEDIA\SLICESER\SRC\SS\CONFIGUR

07/15/2008 12:47 PM <DIR> .

```

07/15/2008 06:42 PM <DIR> ..
11/28/2007 03:16 PM 1,665 CONFIGUR.JAV
12/10/2007 02:25 PM 12,162 XMLCONFI.JAV
                2 File(s) 13,827 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 06:42 PM <DIR> ..
07/15/2008 12:47 PM <DIR> NOTIFICA
07/15/2008 12:47 PM <DIR> SESSION
07/15/2008 12:47 PM <DIR> SLICE
07/15/2008 12:47 PM <DIR> STORE
07/15/2008 12:47 PM <DIR> TRANSACT
07/15/2008 12:47 PM <DIR> VAULT
                0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS\notifica

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/03/2007 03:42 PM 3,250 REGISTER.JAV
                1 File(s) 3,250 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS\SESSION

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/07/2007 02:31 PM 6,066 BEGINSSES.JAV
12/03/2007 03:42 PM 4,391 ENDSSESSI.JAV
                2 File(s) 10,457 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS\SLICE

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/03/2007 06:36 PM 4,840 EXISTSHA.JAV
12/03/2007 03:42 PM 2,517 INTEGRIT.JAV
12/03/2007 03:42 PM 2,452 LISTBEGI.JAV
12/03/2007 03:42 PM 2,587 LISTCONT.JAV
12/03/2007 03:42 PM 2,538 LISTINPR.JAV
12/03/2007 03:42 PM 2,443 LISTSTOP.JAV
12/04/2007 04:24 PM 4,856 MULTIPL2.JAV
12/03/2007 06:54 PM 4,948 MULTIPL3.JAV
12/04/2007 04:24 PM 4,886 MULTIPLE.JAV
12/04/2007 02:27 AM 4,327 SLICESTO.JAV
                10 File(s) 36,394 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS\STORE

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/07/2007 02:31 PM 6,340 CREATEST.JAV
12/07/2007 02:31 PM 7,083 REMOVEST.JAV
                2 File(s) 13,423 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS\TRANSACT


```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/03/2007 03:42 PM 5,116 BEGINTRA.JAV
12/03/2007 03:42 PM 4,921 COMMITTR.JAV
12/03/2007 03:42 PM 4,903 ROLLBACK.JAV
          3 File(s) 14,940 bytes
    
```

Directory of D:\MEDIA\SLICESER\SRC\SS\HANDLERS\VAULT

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/07/2007 02:31 PM 9,191 VAULTBIN.JAV
          1 File(s) 9,191 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 06:46 PM <DIR> ..
07/15/2008 06:43 PM <DIR> INTEGRAT
07/15/2008 06:44 PM <DIR> PERFORMA
07/15/2008 06:45 PM <DIR> UNIT
          0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\INTEGRAT

```

07/15/2008 06:43 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
07/15/2008 12:47 PM <DIR> SERVER
07/15/2008 12:47 PM <DIR> STORAGE
          0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\INTEGRAT\SERVER

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 06:43 PM <DIR> ..
07/15/2008 12:47 PM <DIR> HANDLERS
          0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\INTEGRAT\SERVER\HANDLERS

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
07/15/2008 12:47 PM <DIR> VERSION
          0 File(s) 0 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\INTEGRAT\SERVER\HANDLERS\VERSION

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/06/2007 12:10 PM 5,100 PROTOCOL.JAV
          1 File(s) 5,100 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\INTEGRAT\STORAGE

```

07/15/2008 12:47 PM <DIR> .
07/15/2008 06:43 PM <DIR> ..
07/15/2008 12:47 PM <DIR> SS
    
```

0 File(s) 0 bytes

Directory of D:\MEDIA\SLICESER\TEST\INTEGRAT\STORAGE\SS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/06/2007 12:10 PM 5,040 SLICESER.JAV
1 File(s) 5,040 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\PERFORMA

```
07/15/2008 06:44 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
07/15/2008 12:47 PM <DIR> HANDLERS
0 File(s) 0 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\PERFORMA\HANDLERS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 06:44 PM <DIR> ..
07/15/2008 12:47 PM <DIR> SESSIONS
07/15/2008 12:47 PM <DIR> SLICES
12/12/2007 04:20 PM 9,260 SLICESTO.JAV
07/15/2008 12:47 PM <DIR> TRANSACT
1 File(s) 9,260 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\PERFORMA\HANDLERS\SESSIONS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
11/30/2007 03:06 PM 2,656 BEGINSES.JAV
11/30/2007 03:37 AM 4,671 ENDSSESSI.JAV
2 File(s) 7,327 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\PERFORMA\HANDLERS\SLICES

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
11/30/2007 04:14 AM 7,870 LISTBEGI.JAV
11/30/2007 03:37 AM 8,473 LISTCONT.JAV
11/30/2007 03:37 AM 4,894 MULTIPL2.JAV
11/30/2007 03:37 AM 6,640 MULTIPLE.JAV
10/04/2007 12:31 PM 1,777 PERFORMA.JAV
11/30/2007 03:37 AM 8,978 READHAND.JAV
11/30/2007 03:37 AM 5,092 REMOVEHA.JAV
11/30/2007 03:37 AM 8,487 SLICELIS.JAV
11/30/2007 03:37 AM 4,190 WRITEHAN.JAV
9 File(s) 56,401 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\PERFORMA\HANDLERS\TRANSACT

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
11/30/2007 03:37 AM 4,912 BEGINTRA.JAV
11/30/2007 03:37 AM 6,409 COMMITTR.JAV
11/30/2007 03:37 AM 6,432 ROLLBACK.JAV
3 File(s) 17,753 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT

```
07/15/2008 06:45 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
07/15/2008 12:47 PM <DIR> SS
                0 File(s)                0 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 06:45 PM <DIR> ..
07/15/2008 12:47 PM <DIR> CONFIGUR
07/15/2008 12:47 PM <DIR> HANDLERS
12/11/2007 10:03 PM          4,870 SLICESE2.JAV
12/06/2007 12:18 AM          4,855 SLICESE3.JAV
11/30/2007 02:01 PM          4,506 SLICESER.JAV
                3 File(s)                14,231 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\CONFIGUR

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/11/2007 10:03 PM          6,689 XMLCONFI.JAV
                1 File(s)                6,689 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/05/2007 01:19 PM          13,343 HANDLERT.JAV
07/15/2008 12:47 PM <DIR> NOTIFICA
07/15/2008 12:47 PM <DIR> SESSIONS
07/15/2008 12:47 PM <DIR> SLICES
07/15/2008 12:47 PM <DIR> STORE
07/15/2008 12:47 PM <DIR> TRANSACT
07/15/2008 12:47 PM <DIR> VAULT
                1 File(s)                13,343 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS\nOTIFICA

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/04/2007 04:24 PM          1,034 REGISTER.JAV
                1 File(s)                1,034 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS\SESSIONS

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/04/2007 04:24 PM          2,279 BEGINSSES.JAV
12/04/2007 04:24 PM          2,179 ENDSSESSI.JAV
                2 File(s)                4,458 bytes
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS\SLICES

```
07/15/2008 12:47 PM <DIR> .
07/15/2008 12:47 PM <DIR> ..
12/04/2007 02:26 AM          3,169 EXISTSHA.JAV
```

```

12/05/2007 01:20 AM          4,902 INTEGRIT.JAV
12/04/2007 02:26 AM          2,294 LISTBEGI.JAV
12/04/2007 02:26 AM          3,838 LISTCONT.JAV
12/04/2007 02:26 AM          3,214 LISTINPR.JAV
12/04/2007 02:26 AM          2,870 LISTSTOP.JAV
12/04/2007 04:24 PM          3,151 MULTIPL2.JAV
12/04/2007 04:24 PM          3,159 MULTIPL3.JAV
12/04/2007 04:24 PM          3,547 MULTIPLE.JAV
          9 File(s)          30,144 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS\STORE

```

07/15/2008 12:47 PM    <DIR>          .
07/15/2008 12:47 PM    <DIR>          ..
12/05/2007 12:48 AM          2,304 CREATEST.JAV
12/05/2007 01:19 PM          2,092 REMOVEST.JAV
          2 File(s)          4,396 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS\TRANSACTION

```

07/15/2008 12:47 PM    <DIR>          .
07/15/2008 12:47 PM    <DIR>          ..
12/04/2007 10:16 PM          2,125 BEGINTRA.JAV
12/04/2007 10:16 PM          2,757 COMMITTR.JAV
12/04/2007 10:16 PM          2,917 ROLLBACK.JAV
          3 File(s)          7,799 bytes
    
```

Directory of D:\MEDIA\SLICESER\TEST\UNIT\SS\HANDLERS\VAULT

```

07/15/2008 12:47 PM    <DIR>          .
07/15/2008 12:47 PM    <DIR>          ..
12/04/2007 11:15 PM          3,254 VAULTBIN.JAV
          1 File(s)          3,254 bytes
    
```

```

Total Files Listed:
    1723 File(s)    13,246,973 bytes
    888 Dir(s)      0 bytes free
    
```

FIELD OF THE INVENTION

[003] The present invention relates generally to systems, apparatus, and methods for distributed data storage, and more particularly to systems, apparatus, and methods for distributed data storage using an information dispersal algorithm so that no one location will store an entire copy of stored data, and more particularly still to systems, apparatus, and methods for interfacing a media player application to a dispersed data storage network.

DESCRIPTION OF THE PRIOR ART

[004] Dispersed data storage networks ("DDSNs") store data as an arbitrary number of data slices, generally with each data slice being stored on a separate slice server. Before a collection of data is stored it is segmented into a number of data segments, which may be of fixed or variable sizes. Each data segment is then sliced into a predetermined arbitrary number of data slices. Each data slice will generally contain minimal or no usable information by itself, but instead, must be combined with other data slices to reconstruct a usable data segment. DDSNs offer a number of advantages over traditional storage solutions including greater security and reliability.

[005] Prior art DDSN systems, such as those offered by Cleversafe, Inc. of Chicago, Illinois, have generally used an access computer, sometimes referred to as a Grid Access Computer or an Accesser™. The access computer is generally a high-performance server adapted to provide DDSN access to a large number of clients, such as an office of 20 or more users. Generally, the access computer does not have to be specified to handle the worst case

scenario of each client computer accessing a maximum amount of data from the DDSN simultaneously, as office use often comes in bursts as a file is read or written. However, some types of usage, such as streaming media, require a continuous stream of data.

[006] Streaming digital media is well known in the art, with Adobe Flash, Windows Media Audio and Video, and QuickTime being well known examples. Streaming media is generally served to clients by a streaming media server, which is specified to handle some number of simultaneous streams. Media serving platforms use a number of techniques to share streams across multiple streaming media servers, such as round-robin allocation. Prior art media serving platforms have not made use of DDSNs, and instead, have utilized individual or shared Redundant Array of Independent Drives ("RAID") or Storage Area Networks ("SAN").

[007] One technique used by media providers to improve reliability and quality of service for streaming digital media presentations is the use of Content Delivery Networks ("CDNs"). A CDN is a network of computers that cooperate to deliver content to users. Generally, content is replicated among servers on an as needed basis, so that a server with the most desirable performance characteristics can serve content to a particular client. Often, content is replicated to the network so that it is available from a number of geographic locations, based on the assumption that a server located geographically close to a particular client will provide a better quality of service connection, if all else is equal.

[008] A particular digital media stream will usually provide a specific quality. For example, a digital media presentation may be encoded at 720 pixels by 480 pixels, at 30 frames with second, with audio provided as 64 kilobits per second MP3. If quality levels are desired to serve users with less modern hardware or slower network connections, different media presentations will be encoded at the desired quality levels. Certain streaming media technologies allow a player to scale the frame rate of streamed video by skipping frames. This may result in "jerky" video, but will still allow a viewer to view the presentation.

[009] More recent advances in encoding technology allow a single presentation to scale across a number of quality levels. For example, Flexible Block Wavelet encoding allows a streaming media presentation to scale across an arbitrary number of resolutions based on the bandwidth available to a particular client, and the ability of the client to process data.

OBJECTS OF THE INVENTION

[0010] Accordingly, it is an object of this invention to provide a system, apparatus, and method for accessing streaming digital media stored by a DDSN.

[0011] Another object of the invention is to provide a system, apparatus, and method for accessing streaming digital media stored by a DDSN in a cross-platform manner.

[0012] Another object of the invention is to provide a system, apparatus, and method for implementing a high-performance streaming digital media player plugin to access streaming digital media stored by a DDSN.

[0013] Another object of the invention is to provide a system, apparatus, and method for accessing streaming digital media stored by a DDSN from a client computer as opposed to from an access computer.

[0014] Another object of the invention is to provide a system, apparatus, and method for accessing streaming digital media stored by a DDSN from a client computer that is resilient to interruptions of network service disabling a portion of the DDSN.

[0015] Another object of the invention is to provide a system, apparatus, and method for accessing streaming digital media stored by a DDSN so that the quality of the presentation scales with the robustness of the DDSN.

[0016] Other advantages of the disclosed invention will be clear to a person of ordinary skill in the art. It should be understood, however, that a system, method, or apparatus could practice the disclosed invention while not achieving all of the enumerated advantages, and that the protected invention is defined by the claims.

SUMMARY OF THE INVENTION

[0017] The disclosed invention achieves its objectives by providing a system for streaming a digital media presentation to a client computer from a dispersed data storage network. The dispersed data storage network includes a plurality of slice servers each of which may be located in a separate facility. The digital media presentation is broken into a plurality of data segments, and each data segment may only be reconstructed by combining data slices from more than one of the plurality of slice servers. Within the system, a client computer, such as a personal computer or a cellular telephone, is coupled to a network with

access to the dispersed data storage network. A dispersed data storage network access component reads data segments from the dispersed data storage network and passes them to a media player operating on the client computer, which presents the streamed digital media presentation to a user.

[0018] In one embodiment, both the media player and the dispersed data storage network access component are implemented using a cross platform technology. Where this is not possible, the dispersed data storage network access component may be implemented as a cross platform component and interfaced to the media player with a plugin. The plugin may interface with the dispersed data storage network access component using a socket or Java Native Interface. Alternatively, the dispersed data storage network component may be implemented as a native component and interfaced to the plugin using static or dynamic linking.

[0019] In a further embodiment, the streamed digital media presentation may be encoded using a scalable technology, so that as slice servers become unavailable due to network outages or other reasons, the quality of the streamed digital media presentation degrades, but is otherwise still accessible.

BRIEF DESCRIPTION OF THE DRAWINGS

[0020] Although the characteristic features of this invention will be particularly pointed out in the claims, the invention itself, and the manner in which it may be made and used, may be better understood by referring to the following description taken in connection with the accompanying drawings forming a part hereof, wherein like reference numerals refer to like parts throughout the several views and in which:

[0021] Figure 1 is a network diagram of a streaming media server streaming data from a dispersed data storage network through an access computer to a client computer;

[0022] Figure 2 is a network diagram of a client computer accessing digital media stored on a DDSN using a Cross Platform Media Player as well as a Cross Platform DDSN access library;

[0023] Figure 3 is a network diagram of a client computer accessing digital media stored on a DDSN using a proprietary player linked to a Java DDSN access library using a proprietary format DDSN media client plugin and JNI;

[0024] Figure 4 is a network diagram of a client computer accessing digital media stored on a DDSN using a proprietary player linked to a Cross Platform DDSN access program using a DDSN media client plugin and a local socket;

[0025] Figure 5 is a network diagram of a client computer accessing digital media stored on a DDSN using a proprietary player with a media player specific plugin along with a DDSN client library especially suited to the specific platform on which the media player is running; and

[0026] Figure 6 is a network diagram of a client computer accessing digital media stored on a DDSN using a media player communicating with a local DDSN server using a socket or other form of inter-process communication.

DETAILED DESCRIPTION OF THE ILLUSTRATED EMBODIMENT

[0027] Turning to the Figures, and to Figure 1 in particular, a client computer accessing a streaming media presentation is depicted. This architecture represents the simplest way to serve streaming digital media from a DDSN to a client computer 102 using any type of media player. The client computer 102

is coupled to a LAN or the Internet 104 using any type of network technology, such as an Ethernet port or a Wireless Network port. A media server 106 contains stream definitions for one or more streaming media presentations. The media server is coupled to a LAN or the Internet 108 using any type of network technology. It should be noted that network 104 and network 108 could be the same network or a different network. The media server 106 accesses streaming digital media through an access computer 110 from a plurality of slice servers 122,124,126 coupled to the Internet or some other type of Wide Area Network 112. Access computer 110, such as those available from Cleversafe, Inc., present the DDSN to the streaming media server 106 as a local or networked file system, so no interface software would be required for the streaming media server 106. An example of a refinement that is not depicted would be to integrate the media server 106 with the access computer 110. This would potentially allow for better performance, as network latency would not slow down communications between the media server and the access computer 110.

[0028] The approach of Figure 1 would effectively support all prior art streaming media systems. Further, the implemented system would provide for resiliency to network outages across a portion of the DDSN, as access to an arbitrary predetermined number of slice servers 122,124,126 could be lost and the streaming presentation would still be available to be served to clients. In addition, many of the advantages of a content delivery network would be retained, as a DDSN generally includes geographically dispersed servers. Further, as outlined in United States Patent Application Number 11/973,622,

entitled "SMART ACCESS TO A DISPERSED DATA STORAGE NETWORK," filed on October 9, 2007, assigned to Cleversafe, Inc., and hereby incorporated by reference in its entirety, slice servers holding applicable content would be ranked by various performance criteria to ensure that the accessing client would receive a high quality of service without the replication of content required with a CDN. However, a network failure between the client computer 102 and the streaming media server 106 or between the streaming media server 106 and the access computer 110 would still disable access to the streaming media presentation.

[0029] Figure 2 depicts an alternate network architecture whereby a client computer 102 executing a cross platform media player 142 interfaces to a DDSN using a cross platform DDSN access library 144. Examples of suitable cross platform technologies include Sun's Java and Microsoft's .NET, as well as Tcl, Python, Perl, and Ruby. However, any suitable cross platform technology could be used. In this architecture, the client computer 102 directly accesses slice servers 122,124,126 included within a DDSN through the Internet or another type of Wide Area Network 112. This architecture provides considerable resiliency to network outages across the DDSN. For example, if the DDSN is implemented using thirty two separate slice servers, of which twenty four are required to successfully assemble and utilize data, access could be lost to eight slice servers without any noticeable interruption in a streaming media presentation. Also, as each client computer 102 is responsible for streaming its own data, the expense of a separate access computer can be saved. In addition, this architecture could also utilize

Cleversafe's smart access technology to rank slice servers by various criteria and thereby provide a high quality of service connection to the DDSN. Moreover, a system implementing this approach would provide for better scalability, as computation would be offloaded to individual client computers, and less bandwidth and equipment would be required overall, as the streaming server is eliminated.

[0030] Figure 3 depicts another network architecture whereby a client computer 102 executing a media player specifically adapted for use on a particular type of system could interface to a DDSN using a client library implemented with Java 144. Examples of a proprietary media player 152 include, but are not limited to, Windows Media Player, Real Player, QuickTime, iTunes, and VLC media player. A media client plugin 154 interfaces with a proprietary player 152 using an application programming interface developed by the manufacturer of the proprietary player. The media client plugin 154 interfaces with a Java DDSN client library 144 using Java Native Interface 148. This implementation would provide similar advantages to the implementation of Figure 2, with the additional advantage of working with the most popular media players presently available.

[0031] Figure 4 depicts another software interface between a DDSN client access program 162 and a proprietary media player 152. In this case a media client plugin 158 interfaces with a proprietary player 152 as in the embodiment depicted in Figure 3. However, the media client plugin 158 interfaces with a cross platform DDSN client access program 162 using a socket 160 or some other form of inter-process communications ("IPC"), such as a memory

mapped file or mailbox. This implementation provides similar advantages to the implementation of Figure 3 without being tied to the use of Java and JNI, but instead, allowing for the use of any cross platform technology.

[0032] Figure 5 depicts a platform specific interface between a media player 152 and a DDSN using a platform specific DDSN client library 174. In this implementation media player specific plugin 172 interfaces with a media player 152 and a platform specific DDSN client library 174. The interface could be through any form of static or dynamic linking between platform specific compiled software. Further, it should be understood that platform specific only refers to the fact that the referenced software is compiled for a specific platform, even though the code base could be more or less identical between different platforms. As in the implementations of Figures 2 through 4, the client computer and its media player directly stream digital media from slice servers 122,124,126 through the Internet 112 or some other Wide Area Network. This implementation would provide all of the advantages of the implementation of Figure 3, with the additional advantage of providing the best performance of any implementation. However, a different plugin 172 and a different DDSN client library 174 would be required for each supported platform.

[0033] Figure 6 depicts a direct inter-process communication link, such as a socket, between any media player 152 and a local DDSN server 178. The media player 152 could be a platform specific media player or a cross platform media player. The local DDSN server 178 could also be a cross-platform DDSN server or a platform specific DDSN server. The specific media player 152 opens an inter-process communication link, such as a socket, to the local

DDSN server 178, which then acts as a relay to pull content from slice servers 122,124,126 through the Internet or some other Wide Area Network. As all media players are able to stream content in certain protocols, such as HTTP, RTSP, or MMS, a local server can act as an intermediary by pulling data from the DDSN and passing it to the media player through an appropriate mechanism. This implementation provides an elegant solution to interfacing a media players to a DDSN while only providing a slight amount of additional overhead when compared to the solution of Figure 5, and retaining all of the advantages of Figures 2-4.

[0034] Figures 2-6 all describe streaming media systems whereby a client directly accesses a DDSN for streaming media. As described, one advantage of this architecture is resiliency to potentially large scale network outages. Another potential advantage requires a change in the streaming media technology itself. When combined with a scalable streaming media technology, such as Flexible Block Wavelets, an arbitrarily scalable and reliable streaming media system can be realized. For example, if a thirty two slice server DDSN is implemented, the system may serve streaming media presentations at a quality of 1920 pixels by 1080 pixels at 60 frames per second if twenty four or more slice servers can be accessed. However, if sixteen to twenty three slice servers can be accessed, the quality may be reduced to 1280 pixels by 1080 pixels at 30 frames per second. Further, if twelve to fifteen slice servers can be accessed the quality may be reduced to 1280 pixels by 720 pixels at 30 frames per second. Finally, if between eight and eleven slice servers may be accessed, the quality may be further reduced

to 1024 pixels by 768 pixels at fifteen frames per second. It should be understood that a system could be tailored to provide any level of quality with any number of slice servers available. It should also be understood that, while the examples addressed the scaling of video quality, similar techniques could be used to scale the quality of audio.

[0035] In addition, the segmentation process employed by the DDSN can be adapted to provide better performance for streaming video. Specifically, the data segments including data from the beginning of the streaming media presentation can be encoded as smaller segments than those later in the streaming media presentation. This will allow a stream to begin presentation quicker.

[0036] It should be understood that while this invention has been explained in the context of a software operating on a personal computer system, it could be implemented on a variety of different platforms. For example, a wireless mobile unit, such as a cellular telephone, could implement any of the embodiments described by Figures 1-5. For example, a BREW compliant player could interface with a DDSN access library to stream digital media to a cellular telephone. All such systems would fall within the definition of client computer as used above. Furthermore, while the term streaming has been used throughout, it should also be understood that the disclosed invention could apply to a progressive download system equally well.

[0037] The foregoing description of the invention has been presented for purposes of illustration and description, and is not intended to be exhaustive or to limit the invention to the precise form disclosed. The description was

selected to best explain the principles of the invention and practical application of these principles to enable others skilled in the art to best utilize the invention in various embodiments and various modifications as are suited to the particular use contemplated. It is intended that the scope of the invention not be limited by the specification, but be defined by the claims set forth below.

CLAIMS

What is claimed is:

- [C1]** 1. A system for streaming a digital media presentation to a client computer from a dispersed data storage network, said dispersed data storage network including at least a plurality of slice servers, wherein at least some of said plurality of slice servers are located in separate facilities and wherein a streamed data segment cannot be reconstructed without accessing more than one of said plurality of slice servers, the system comprising:
- i) a client computer coupled to a network with access to said dispersed data storage network;
 - ii) a media player operating on said client computer for presenting digital media to a user; and
 - iii) a dispersed data storage network access component operating on said client computer and interfaced to said media player wherein said dispersed data storage network access component streams digital media from said dispersed data storage network and said media player presents said digital media to said user.
- [C2]** 2. The system of claim 1 wherein said media player is a cross platform media player and said dispersed data storage access component is a cross platform component.
- [C3]** 3. The system of claim 1 further comprising a media player plugin component.

- [C4]** 4. The system of claim 3 wherein said media player plugin interfaces to said dispersed data storage network access component using Java Native Interface.
- [C5]** 5. The system of claim 3 wherein said media player plugin interfaces to said dispersed data storage network access component using a socket.
- [C6]** 6. The system of claim 3 wherein said media player plugin interfaces to said dispersed data storage network access component by static linking or dynamic linking.
- [C7]** 7. The system of claim 1 wherein said digital media presentation is segmented into a plurality of data segments, and each segment is encoded so that the unavailability of less than a number of slice servers required to reconstruct the segment at a highest encoded quality results in the data segment being reconstructed at a lower encoded quality and played back by the media player at said lower encoded quality.
- [C8]** 8. The system of claim 1 wherein said client computer is a personal computer.

Figure 1

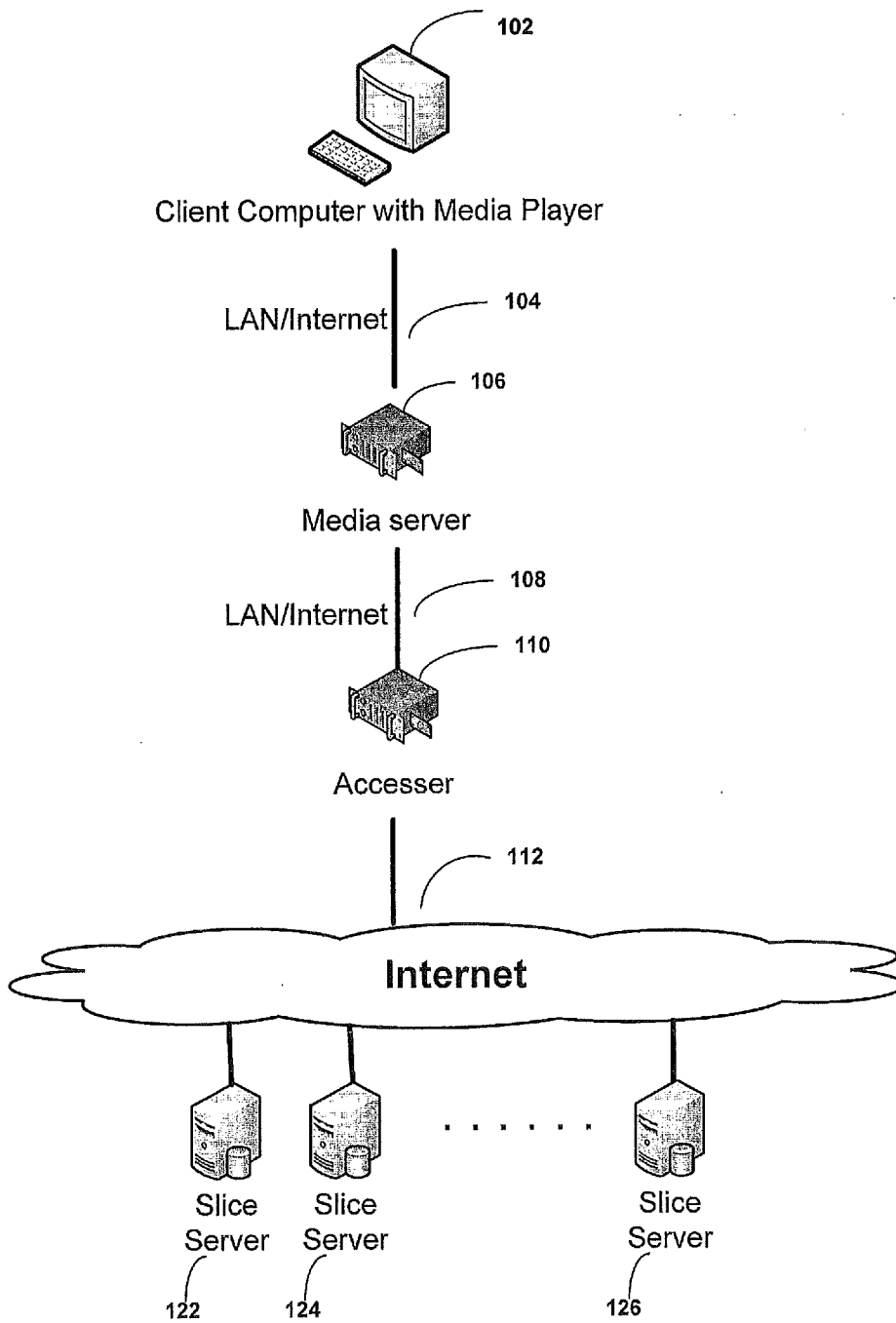


Figure 2

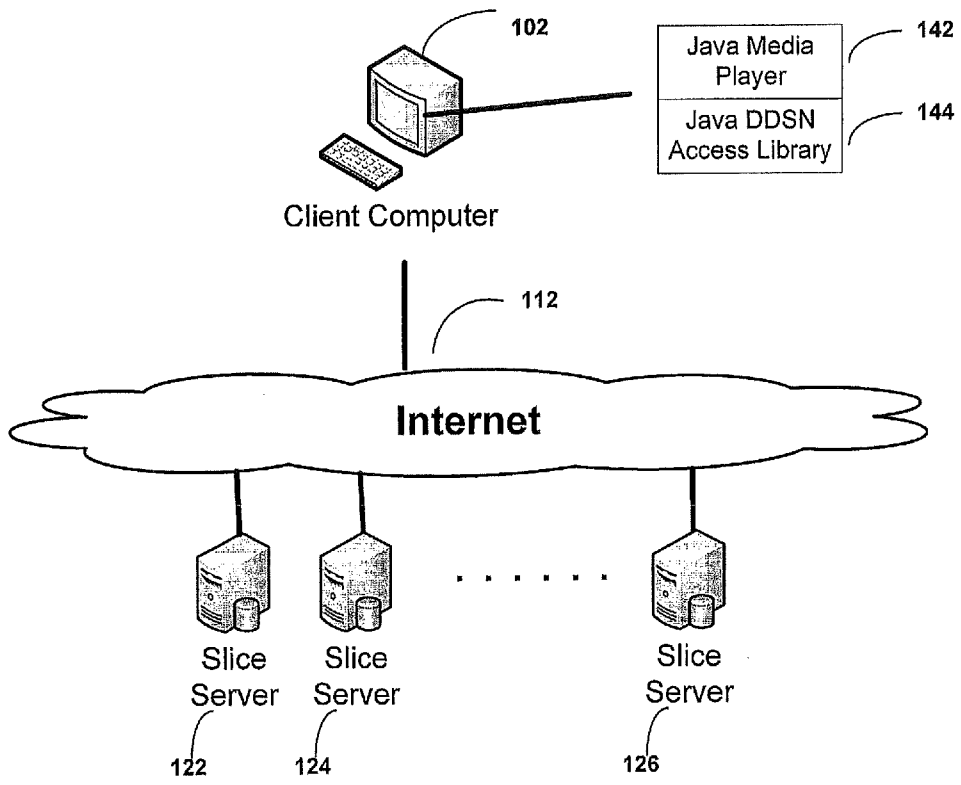


Figure 3

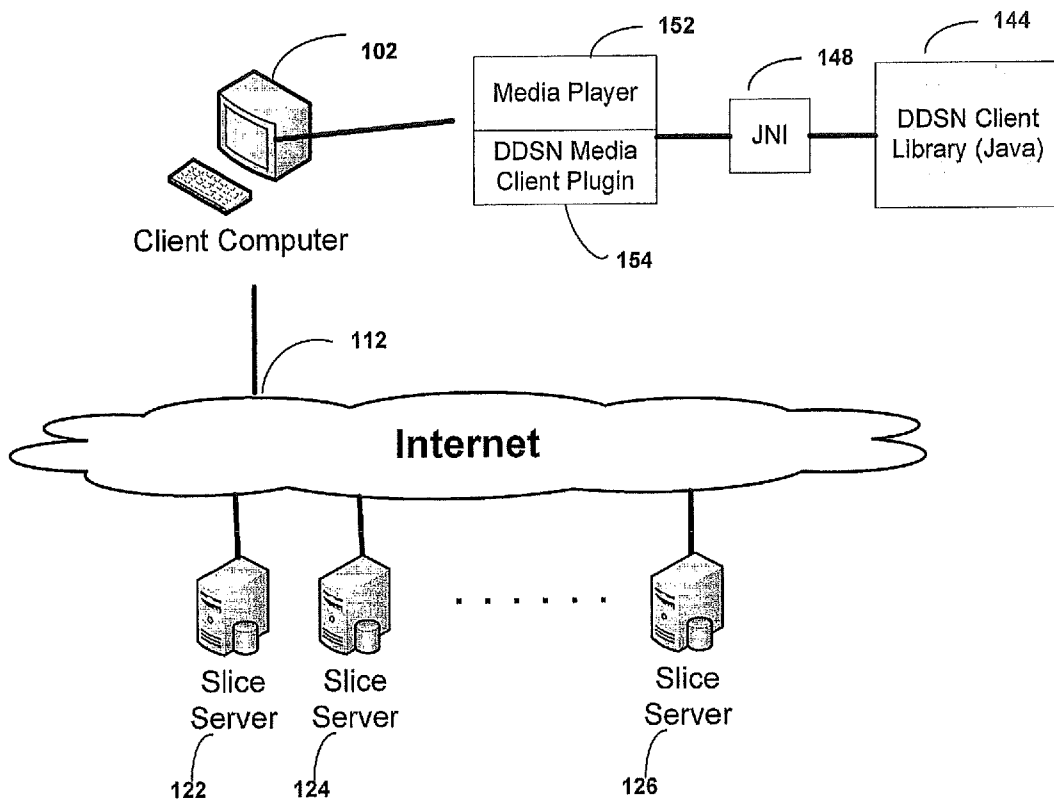


Figure 4

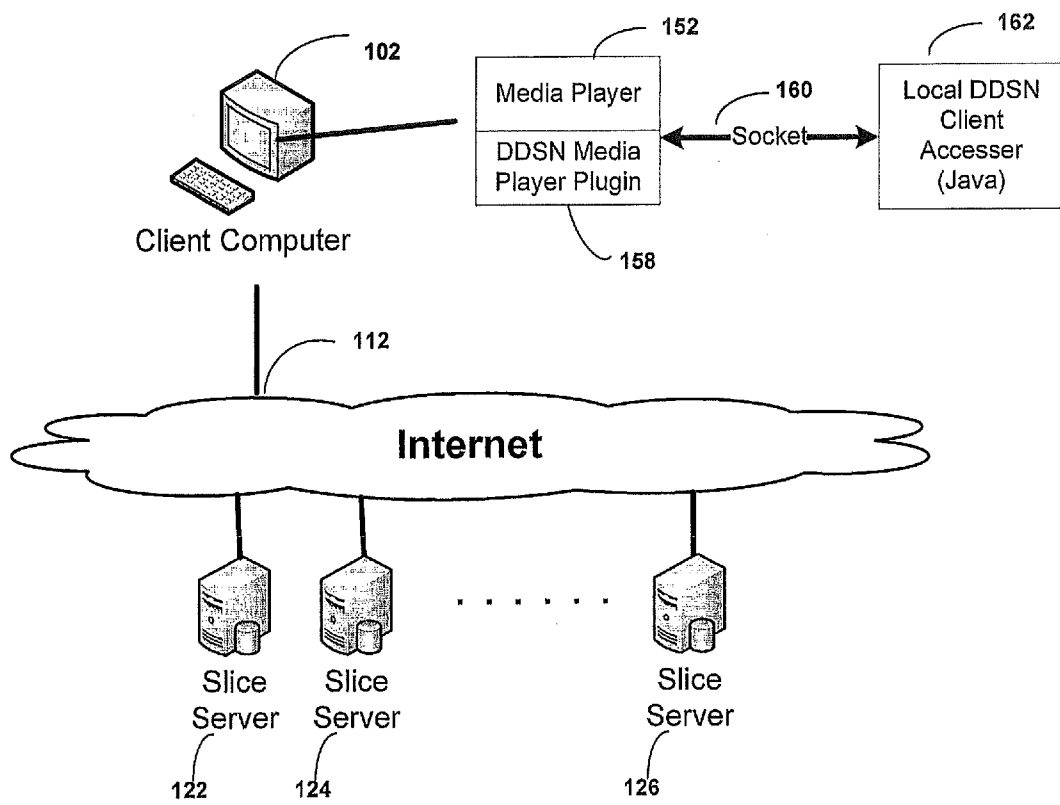


Figure 5

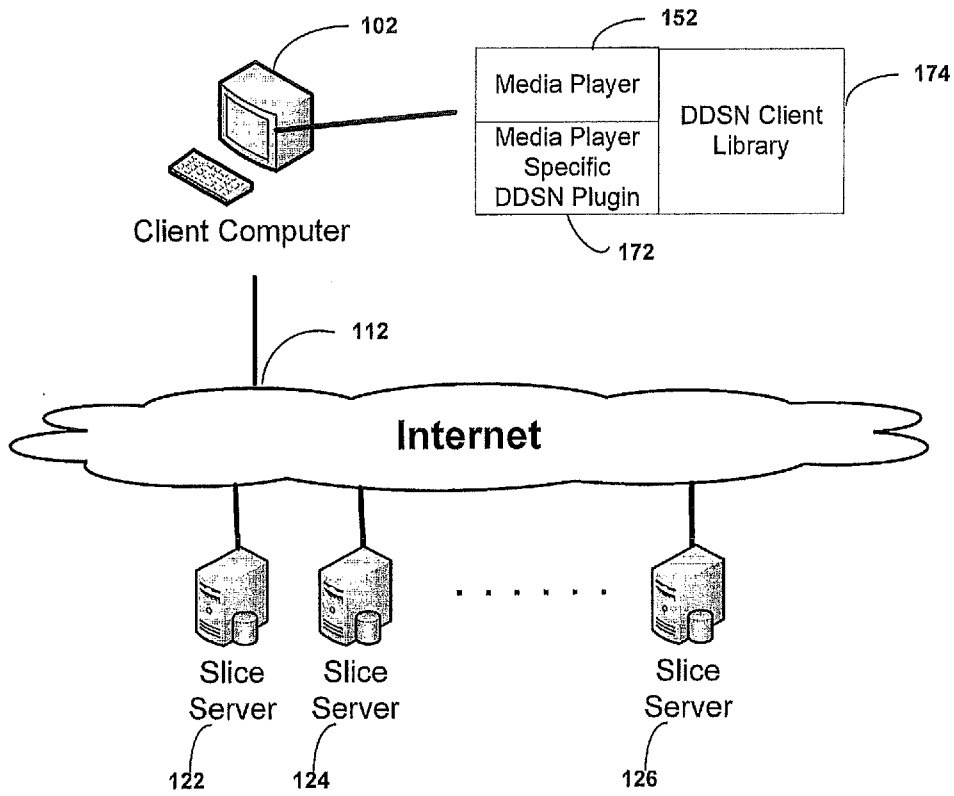
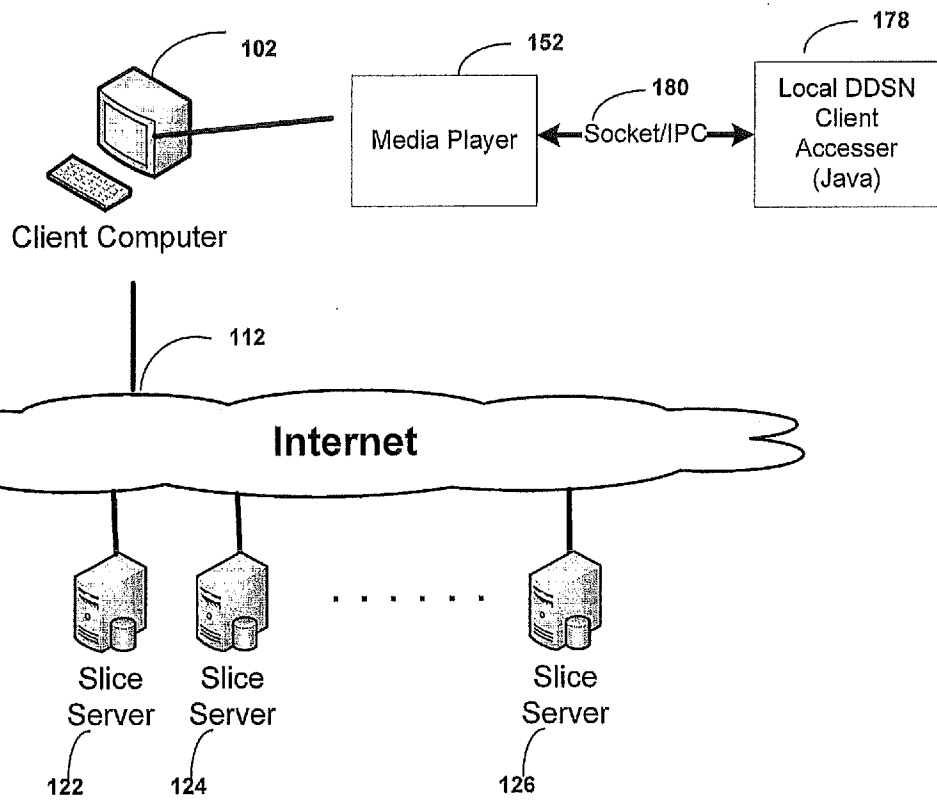


Figure 6



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/050203

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04L 9/00 (2009.01)

USPC - 713/189

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - H04L 9/00 (2009.01)

USPC - 713/189

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Google Patents; PatBase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2007/0283167 A1 (VENTERS, III et al) 06 December 2007 (06.12.2007) entire document	1-8
Y	US2007/0079082 A1 (GLADWIN et al) 05 April 2007 (05.04.2007) entire document	1-8
Y	US 2003/0037261 A1 (MEFFERT et al) 20 February 2003 (20.02.2003) entire document	4-6
Y	US 2005/0100022 A1 (RAMPRASHAD) 12 May 2005 (12.05.2005) entire document	7

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 24 August 2009	Date of mailing of the international search report 1- SEP 2009
---	--

Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774
---	---