

Inprise Corporation 10/2/98  
Entera 3.2 patch release 46 : Aix 4.1

Bug Description:

1. sqlmake mulfuctions when there is a commant in the sql file in some particular format. This happens for both dce and tcp.

Files in this patch.

- 1) lite(tcp)/bin/db2\_start
- 2) lite(tcp)/bin/ifx\_start7
- 3) lite(tcp)/bin/ora\_start71
- 4) lite(tcp)/bin/sqlmake
- 5) lite(tcp)/bin/syb\_start

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Inprise Corporation, 09/21/98  
Entera 3.2 patch release 44: Aix 4.1

Bug Description:

Using the Entera 3.2 Service pack of dce on Aix 4.1 machine, customers find two bugs that occure if setting the "UseEnteraQueue" to 1 in the server dap file. One is the client may crash under some scenarios; the second is if the client is bounced because the server is busy and the EnteraQueue is full, there will be some consistant memory leaking.

Fix:

The reaon that the client sometimes crashes is because at one point runtime sometimes tries to initialize one un\_malloced memory. Changes are made in odesub.c. The other reason that that server memory leaking is because in the runtime, if a client is being terminated for any reasons ( such as server is busy and the EnteraQueue is full), some extra memory needs to be freed. Those meories are actually created by the DCE runtime. Changes are made in svrstb.c

This patch includes all one updated file on Aix 4.1

- 1) "libodedu30.a"

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Inprise Corporation, 09/11/98  
Entera 3.2 patch release 43: Aix 4.1

Bug Description:

Using the Entera 3.2 Service pack of tcp on Aix 4.1 machine, customers find a bug that occurs when shutting down a DEDICATED ifx\_start7. On disconnection you get the following error --:  
"find\_dbproc: connection to db failed <-1803>"

Fix:

the reason that happens is when users terminate "ifx\_server7" by typing CTRL-C, the server tries to disconnect itself from the databases. It is not good for the dedicated master server, because it never connects to the databases. (It forks a child server on receiving a new rpc call from the client. And only the child server connects to the database). That is why this error message show up, since it can not find the connections. It is fixed by check if it is a master server or not first.

This patches includes all one updated file on Aix 4.1

- 1) "ifx\_start7",

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Inprise Corporation, 8/11/98  
Entera 3.2 patch release 42 : Aix 4.1

Bug Description:

Using the Entera 3.2 Service Pack of DCE on Aix 4.1 machine, if customer runs the fx server by setting "UseEnteraQueue = 1", there will have some memory leak. It was the problem in the static library "funcstions.o". And it is fixed in this patch.

<NOTICE>

After installing this patch, you need to rebuild the server since it is a static library. Otherwise, it will not work.

Files in the patch:

- 1) lib/functions.o

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Inprise Corporation, 7/22/98  
Entera 32 patch release 41 : HP 10.01

This is a mega patch of several bugs that have been fixed previously.

Bug Description:

1. db2\_start returns " " (one space character ) when returning an empty string from database. This happens for both dce and tcp.
2. sqlmake mulfuctions when there is a commant in the sql file in some format. This happens for both dce and tcp.

Files in this patchs.

- 1) lite/bin/sqlmake
- 2) lite/bin/db2\_start
- 3) dce/bin/sqlmake
- 4) dce/bin/db2\_start

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Inprise Corporation, 7/22/98  
Entera 32 patch release 40 : HP 10

This is a mega patch of several bugs that have been fixed previously.

Bug Description:

1. Marshalling of Null returned Conformant Arrays In VB.
2. Nested Structure Failure.
3. ODED30.bas bug.
  - a. Modified to allow it to work with Visual Basic 5.0
  - b. Modified to correct a logic error relating to boolean values.

Files in the patch:

- 1) backends/libdcevbc30.sl
- 2) backends/libdcevbc40.sl

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Inprise Corporation, 7/22/98  
Entera 32 patch release 39 : Solaris 2.5

This is a mega patch of several bugs that have been fixed previously.

Bug Description:

1. Marshalling of Null returned Conformant Arrays In VB.
2. Nested Structure Failure.
3. ODED30.bas bug.
  - a. Modified to allow it to work with Visual Basic 5.0
  - b. Modified to correct a logic error relating to boolean values.

Files in the patch:

- 1) backends/libdcevbc30.so
- 2) backends/libdcevbc40.so

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Inprise corporation, 7/20/98  
Entera 3.2sp patch 38 ( TCP )

Platform: All unix

Patch details :

Modified the vb backend to append an '\_' ,if the line is longer than 200 characters. Currently this affects only the argument declaration line for functions and subroutines.

Files affected:(included in this patch)  
\$ODEDIR\tcp\lib\rpcvb.pl

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Inprise corporation, 1998  
Jul 15, 1998

Entera 3.2sp patch 37 ( DCE )

Platform : Aix 4.1

Patch details :

Signals SIGUSR1 and SIGUSR2 will now be handled within the Entera runtime. These signals will now generate a message in the log file indicating the signal id ( 30 or 31 ) received , and will no longer kill the servers. Using the runtime library supplied, for creating new DCE servers will result in SIGUSR1 and SIGUSR2 to be handled automatically by the servers and a 'Caught Signal ...' message in the log file to be generated. This behaviour is by design and cannot be overridden

Files affected: ( included in this patch )  
\$ODEDIR\dcetcp\bin\ora\_start71  
\$ODEDIR\dcetcp\bin\db2\_start  
\$ODEDIR\dce\lib\libodedu30.a  
\$ODEDIR\dce\etc\dcp\_db2.bnd

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Inprise Corporation, 7/22/98  
Entera 3.2 patch release 36 : Win32

This is a mega patch of several bugs that have been fixed previously.

Bug Description:

1. Marshalling of Null returned Conformant Arrays In VB.
2. Nested Structure Failure.
3. ODED30.bas bug.
  - a. Modified to allow it to work with Visual Basic 5.0
  - b. Modified to correct a logic error relating to boolean values.

Files in the patch:

- 1) backends/dcevbc30.dll
- 2) backends/dcevbc40.dll
- 3) vb30/odedcd30.bas
- 4) vb30/oded30.bas
- 5) vb30/odests30.bas
- 6) vb40/odedcd30.bas
- 7) vb40/oded30.bas
- 8) vb40/odests30.bas

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Inprise Corporation, 6/19/98  
Entera 3.2 patch release 35 : Solaris 2.5

This is a mega patch of several bugs that have been fixed previously.

Bug Description:

1. In the link list example, obigen generates wrong client stub : caused client to dump core.
2. "ode\_cln\_wait\_for\_binding" call causes client to crash.
3. VB confarray of size 0 stub generation problem.
4. Cobol runtime problem.
5. Bug with nested structures.

Files in the patch:

- 1) bin/libodedu30.so
- 2) backends/libdcecbc32.so
- 3) backends/libdcecbc32.so
- 4) backends/libdcecc10.so
- 5) backends/libdcecs10.so
- 6) backends/libdcepcb40.so
- 7) backends/libdcepcb50.so
- 8) backends/libdceswc50.so
- 9) backends/libdcevbc30.so
- 10) backends/libdcevbc40.so

Known Problems :

This patch is incompatible with the version of libdce.so shipped with the Entera 3.2GA release. The libdce.so file is under <INSTALLDIR>/cmn/bin where INSTALLDIR is the base of your Entera install. This will only be an issue if <INSTALLDIR>/cmn/bin is part of your LD\_LIBRARY\_PATH setting (which is only needed if using Appminder).

This particular file is only used when running TCP servers under Appminder.

To work around this problem:

1. Remove <INSTALLDIR>/cmn/bin from your LD\_LIBRARY\_PATH setting

OR

2. Put /usr/lib in front of your LD\_LIBRARY\_PATH to ensure that libdce.so gets picked up from your DCE installation.

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Inprise Corporation, 1998  
Entera 3.2 patch release 34

This is a mega patch of several previously fixed bugs.

Bug Description:

1. In the link list example, obigen generates wrong client stub, that causes client dumps code.
2. In the basicsrv example, if client calls "ode\_cln\_wait\_for\_binding", it will crash.
3. VB confarray of size 0 stub generation problem.
4. Cobol bug.

5. NestedStructure bug.

Files in patch :

bin/oded30.dll  
backends/odeltn30.dll  
backends/dcecbc32.dll  
backends/dcecb32.dll  
backends/dcecs10.dll  
backends/dcecc10.dll  
backends/dcepbc40.dll  
backends/dcepbc50.dll  
backends/dcevb30.dll  
backends/dcevb40.dll  
backends/dceswc50.dll  
patch\_readme.txt

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Inprise Corporation, 1998  
Entera 3.2 patch release 33  
June 2, 1998  
Entera DCE

Bug Description:

Incorrect code generated for VB client while unmarshalling conformant array of size zero.

Fix:

Generates a conditional statement in the client stub for zero sized conformant arrays.

Files in patch :

dcevb40.dll  
patch33\_readme.txt

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README

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This patch contains 2 library files:

- 1) libdcecc10.so\*
- 2) libdcecs10.so,

which will solve the link\_list problem in 3.2 Service Pack. Those files should be put at:  
\$ODEDIR/backends/..

To install the files, Just run `installer`.