

Re: UMDH Heap Hogs section empty

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.kernel/2006-03/msg00085.ht>

- *From:* "Ivan Brugiolo [MSFT]" <Ivan.Brugiolo@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 3 Mar 2006 10:21:21 -0800
-

Oops, wrong name, what about dbghelp.dll ?

c:\>where dbghelp.dll
C:\WINDOWS\system32\dbghelp.dll
C:\debuggers\dbghelp.dll

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"Sean" <ssbkt@xxxxxxxxxxxxxxxxxxxx> wrote in message
<news:A67D44CD-23F2-4C37-A769-287A5C446EE8@xxxxxxxxxxxxxxxxxxxx>

I scanned my hard drive for dbgeng.dll and found it only in my WinDBG
directory.

--
Sean

"Ivan Brugiolo [MSFT]" wrote:

Are you by any chance using dbgeng.dll that comes with the OS
instead of the one that comes with the debugger package ?
Only the one that comes with the debugger package can digest
the latest symbols-resolution features.

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Re: UMDH Heap Hogs section empty

"Sean" <ssbkt@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:712C6178-FEB6-480E-8698-C2CF734CC14E@xxxxxxxxxxxxxxxxxxxx

Ok, I tried using umdh -snapcmp both with and without the
-symopt
0x80000080
option and diffed the resulting two files, the only thing the
-symopt
option
added to the second file was at the end a new section
'Symbols
Resolution
Log' with no output below it.

I tried mode 1 right after I tried mode 3 above and I get
symbol
resolution
in the resulting log file so I don't know why -snapcmp
cannot.
--
Sean

"Ivan Brugiolo [MSFT]" wrote:

Normally, this is caused by stack trace
captured in the context of
-1- dynamically generated code (JIT-ed
code of the CLR and/or JVM
and/or
pCode)
-2- modules that have been unloaded, and
whose address range
has been reused by other modules during the
lifetime of the
application.

Can you try adding -symopt 0x80000080
to see which modules
the tool is attempting to resolve ?

--
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Re: UMDH Heap Hogs section empty

"Sean" <ssbkt@xxxxxxxxxxxxxxxxxxxx>

wrote in message

news:A78650D2-0E28-4A4B-A6F2-8DFC4311500C@xxxxxxxxxxxxxxxxxxxx

I have tried mode 3 but the
-snapcmp results have no
symbols. It is
filled
with Symbols: cannot
identify module for address
#####. Any
idea
why
I
wouldn't be getting symbol
resolution?

--

Sean

"Ivan Brugiolo [MSFT]"

wrote:

Once you
have a
bunch of
*.dat files
created with
the -snap`
option
(also called
UMDH
MODE-3),
you can
set-diff 2
snapshots
with
-snapcmp`,
and obtain
similar
results than
UMDH-MODE-2.

Mode-3
was
deisgned to
be

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intrinsically
more
reliable than
mode-1,
since it
takes the
heap
snapshot in
a
completely
symbol-less
fashion
and in plain
binary
format.
Only
`-snapcmp`
will attempt
to create a
textual
representation
of
the
dumps.

--
--

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"Sean"
<ssbkt@xxxxxxxxxxxxxxxxxxxx>
wrote in
message
<news:836F29CC-5615-4268-8346-F96AF9F43A41@xxxxxxxxxxxx>

Re: UMDH Heap Hogs section empty

Thanks
for
the
reply.

No,
I'm
not
using
AppVerifier
at
the
same
time,
never
heard
of
AppVerifier
in
fact.

This
is
Windows
2000
Server
with
SP5.
I
don't
see
any
eventlog
messages
or
any
error
messages
in
the
output
with
the
-v
option.

I'm
using
the
Jan.
2006

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version
which
worked
for
several
trys
until
I
really
started
hammering
the
service.

I
haven't
tried
a
sample
service.
The
-snap
option
seems
to
work
but
I'm
trying
to
find
a
memory
leak.

--
Sean

""Jeffrey
Tan[MSFT]""
wrote:

Hi
Sean,

Thanks
for
your
post.

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Do
you
use
AppVerifier
in
the
same
time
you
are
using
UMDH?
There
is
a
known
issue
that
UMDH
cannot
gather
heap
information
when
appverifier
is
running
on
the
target
process.

Actually,
the
information
current
available
is
not
enough
for
us
to
identify
the
root
cause
easily.

First,

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which
OS
do
you
get
this
strange
empty
dump,
do
you
use
the
lastest
version
of
UMDH?
Regarding
the
"52
K
and
the
Heap
Hogs
section
blank"
dump,
do
you
get
any
error
message
in
the
resulting
log
file
or
from
the
UMDH
tool?
Also,
you
may
check
if
there
is

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any
error/warning
messages
generated
in
Eventlog.

Further
more,
is
it
possible
to
reproduce
the
empty
dump
behavior
regarding
a
normal
sample
service(or
other
service)?

I
look
forward
to
hearing
from
you.

Best
regards,
Jeffrey
Tan
Microsoft
Online
Partner
Support
Get
Secure!

—
www.microsoft.com/security
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posting
is
provided
"as

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