

DragonFlyBSD - Bug #1857

Strange HAMMER undo(1) behaviour

09/29/2010 01:21 PM - mneumann

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description	
Hi,	
I am seeing strange things with undo(1) printing "Warning: fake transaction id ..." messages every now and then. Calling sync multiple times, or waiting long periods of time does not change anything.	
<pre>cd /hammer echo "abc" > test sync undo -i test Warning: fake transaction id 0x0000000100108220 Warning: fake transaction id 0x0000000102034230 Warning: fake transaction id 0x000000010203c2b0 Warning: fake transaction id 0x000000010208c460 Warning: fake transaction id 0x00000001020ac760 Warning: fake transaction id 0x0000000106f37f40 Warning: fake transaction id 0x0000000106f39fc0 Warning: fake transaction id 0x0000000106f67410 Warning: fake transaction id 0x0000000106f690b0 Warning: fake transaction id 0x0000000106f69bb0 Warning: fake transaction id 0x000000010a0a4660 Warning: fake transaction id 0x000000010dbb4530 Warning: fake transaction id 0x000000010dbb5350 Warning: fake transaction id 0x0000000113ad3e80 Warning: fake transaction id 0x0000000113ad3ea0 Warning: fake transaction id 0x0000000115b7b6b0 Warning: fake transaction id 0x0000000115b7bdf0 Warning: fake transaction id 0x0000000115b7d510 Warning: fake transaction id 0x0000000115b7d530 Warning: fake transaction id 0x0000000115b8ed70 Warning: fake transaction id 0x0000000115b8f0b0 Warning: fake transaction id 0x0000000115bd4350 Warning: fake transaction id 0x0000000115bd5950 Warning: fake transaction id 0x0000000115be7670 Warning: fake transaction id 0x0000000115be7690 Warning: fake transaction id 0x0000000115c3c270 Warning: fake transaction id 0x0000000115c5b570 Warning: fake transaction id 0x0000000115c5b590 Warning: fake transaction id 0x0000000115c5ba50 Warning: fake transaction id 0x0000000115dd7760 Warning: fake transaction id 0x0000000116035e20 Warning: fake transaction id 0x000000011629fdb0 Warning: fake transaction id 0x000000011629fdd0 Warning: fake transaction id 0x00000001162a0050 Warning: fake transaction id 0x00000001163366e0 Warning: fake transaction id 0x00000001163429b0 Warning: fake transaction id 0x0000000116343950 Warning: fake transaction id 0x0000000117c64260 Warning: fake transaction id 0x00000001287cc110 Warning: fake transaction id 0x00000001287cc130 Warning: fake transaction id 0x00000001287cc190 Warning: fake transaction id 0x00000001287cc1b0</pre>	

```
Warning: fake transaction id 0x00000001287cc1d0
Warning: fake transaction id 0x00000001287cc1f0
Warning: fake transaction id 0x00000001287cc210
Warning: fake transaction id 0x00000001287cc230
Warning: fake transaction id 0x00000001287cc250
Warning: fake transaction id 0x00000001287ee2b0
Warning: fake transaction id 0x00000001287ee2d0
Warning: fake transaction id 0x00000001287ee2f0
Warning: fake transaction id 0x00000001287ee390
Warning: fake transaction id 0x00000001287ee3b0
Warning: fake transaction id 0x00000001287ee3d0
Warning: fake transaction id 0x00000001287ee9d0
test: ITERATE ENTIRE HISTORY
0x00000001287eea50 29-Sep-2010 15:13:58
```

But then sometimes, without changing the "test" file, it does not print the "fake transaction id" messages. It is pretty random, where printing it has a much higher probability than not printing it!

```
1. uname -a
root@kvmdragon:/etc# uname -a
DragonFly kvmdragon.ntecs.de 2.6-RELEASE DragonFly
v2.6.3.41.ge5a8b-RELEASE #3: Tue Aug 17 16:27:07 CEST 2010
root@kvmdragon.ntecs.de:/usr/obj/usr/src/sys/KVM i386
```

Is this normal? Also strange that for many files I do not have a history, even so I haven't set nohistory on them. Other than that the system is behaving normal. I had a power-failure issue last night, so I can't say for sure if it is related to that.

Any hints to find out more?

Regards,

Michael

History

#1 - 10/15/2010 01:34 AM - qhwt.dfly

Hi,

On Wed, Sep 29, 2010 at 03:19:12PM +0200, Michael Neumann wrote:

```
I am seeing strange things with undo(1) printing "Warning: fake
transaction id ..." messages every now and then. Calling sync multiple
times, or waiting long periods of time does not change anything.
```

```
cd /hammer
echo "abc" > test
sync
undo -i test
Warning: fake transaction id 0x0000000100108220
Warning: fake transaction id 0x0000000102034230
```

Can you cherry-pick 8a0bcd56eeb5773d4001ea9c0fd9c299542507d0 and see if it fixes?

Cheers.

#2 - 10/15/2010 10:00 AM - mneumann

Am 15.10.2010 03:34, schrieb YONETANI Tomokazu (via DragonFly issue tracker):

YONETANI Tomokazu <qhwt.dfly@les.ath.cx> added the comment:

Hi,

On Wed, Sep 29, 2010 at 03:19:12PM +0200, Michael Neumann wrote:

I am seeing strange things with undo(1) printing "Warning: fake transaction id ..." messages every now and then. Calling sync multiple times, or waiting long periods of time does not change anything.

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cd /hammer
echo "abc" > test
sync
undo -i test
Warning: fake transaction id 0x0000000100108220
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```

Can you cherry-pick 8a0bcd56eeb5773d4001ea9c0fd9c299542507d0 and see if it fixes?

Yes, looks good. I'd say close the issue.

Regards,

Michael

#3 - 10/16/2010 05:42 PM - thomas.nikolajsen

issue resolved.