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Subject: \*\*\*\*ADAT UPDATE\*\*\*

Posted by [Mike Audet](#) on Tue, 29 Jul 2008 23:12:29 GMT

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This is a multi-part message in MIME format.

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Hi All,

I've attached what I think is a fix to our ADAT woes under XP.

This is a release version. If you run into trouble, just download the debug version from the previous thread and send me the adatdll.log file.

Cheers!

Mike

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Content-Type: application/zip; name="ADATUpdate.zip"

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/WXGHk93t3GP8hjHswvtgmfvbFgyvVpHj8Pd3v1lqBTX5tjT6+5wuL8M2Qqm  
6p7BqQ1IKTM2r69qq3fsibXcRCVwuDd3usFxEvln2ss9fZXWctsZUn2V5kr7  
mZJ+JQL/Hx3lfYn7i33y75arkup2uQl5POk5+Xhbbqf8lrqo/liQHhyiloZVB4  
KLuhPAjlcSjPQjkb5SKUq1C0QDcfShEUq/s/hl6Zyt7tcPSRe6ttDdV1nJnO  
HTCvVK1DH5DHNSHNTHLkl8RBkkc0lUtJrUOI49c7HtjtcPOCm/yW2G+qJ2SL  
3NrR04EU6vfeR5bcoj0hvveyeb69sAYHM4HW5Hzx6Hvf2BPnDadsFB1IEa69y9  
7R172vcKMWdFYuTXxA7h1Ki9Db1wSDB4UkWMOjcQJJ39+5x7N0r+/QGcOdX  
SUOvsMFs39Bg7/W494DMZ5D3GTVHSb1HcGBVz15ClhEKXN/b3d21F4mTRcxt  
hw6ppDxXdnTlBmfksaHH2Qt2q7RtsLfZBU9HV+/63h7B3dsNk7e73f2Qbl0/  
HP/JBwtjBi5TJUtXVK3wrXh1BWO2mHeaRfPPzZ9bslb+z9LVq58tJ/SfEeA7  
2WMI5VwFV8VZuTqO5zZzW7gd3C6ug+vkurk+TuAe5PZzXm6AC3CPcUPc49wT  
3CHuKe5p7jD3DPcs9zw3zP2SC3NHuTHude4k9wb3Jvc2d5a7yEncJe4y9zF3  
jfucLxaNRWvRWVilWVJgKbQYLSZLkaXYUmKxWEot5Zbi0j8pfbK0aPvr5RVr  
qtZY19St4df8cC0wV0L/SOWK2hWnLW9ZLq6UVI5aeXnlxysfLX101Y/LfrG6  
t3xfOWJvXrNlzdhaUiH/7wdTSVFJcUIJyTMIxSueWbHAvMJcYa4x15lt5i3m  
VnOH2WxuM+8z7zc/Yg6Yv29+3Pyk+Skz/i8GUB3ZUbKrpKPkFnr9L3L8b1BL  
AwQUAAAACABTmP04ap8eCfEAAABQAQAAAFQAAAGFkYXQgaW5zdHJ1Y3Rpb25z  
LnR4dFWQsWrDQBBe4H+YVqJllidSp2xXahwbBKDU6g5pLV18WIXub2Lo7+P  
hANJYKtldt7MVqzBxyZYYS3TJE0eM+wHYsQBoSOcxbXkS6zL+lQ9b/an11pH  
DdQvF/WWVdh+1AcXLxVrvduu6423n+TTZJFhZ64Eg0aGEXLGKNGDvqwGyxeY  
1oSidQ5n6wgqPd068gRyShC+qxvphxjIPzg7Wc1xWtJrkAHi0Y9opYk9cdCf  
mEWaLDOsZ+AsZrr9ciwH+dNokj5leCENxof/tALI8/zYWcU0pDoRrHHFtJwf  
tOV3Ge8Xq83qiMb4FpEnT7wdim9QSwECFAsUAAAACADklv04YY0S2jAgAAAA  
RAAACAAAAAAAAAAAAAAAACAAAAAAAAAAYWRhdC5kbGxQSwECFAsUAAAACABTmP04  
ap8eCfEAAABQAQAAAFQAAAAAAAAAABACAAAABWIAAAAYWRhdCBpbN0cnVjdGlv  
bnMudHh0UESFBgAAAAACAIAeQAAAHohAAAAA==

---=\_linux488fa3dd--

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Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*  
Posted by [kerry](#) on Wed, 30 Jul 2008 00:23:42 GMT  
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MIKE, YOU FREAKIN' ROCK!

Sorry for the all caps. But you rock in an ALL CAPS KINDA WAY.

Does everyone realize how \*big\* this is? This just eliminated the sole reason some folks had for not moving to XP.

- Kerry

On 7/29/08 4:12 PM, in article 488fa3dd\$1@linux, "Mike Audet" <mike@...> wrote:

>  
> Hi All,  
>  
> I've attached what I think is a fix to our ADAT woes under XP.  
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> This is a release version. If you run into trouble, just download the debug  
> version from the previous thread and send me the adatdll.log file.  
>  
> Cheers!  
>  
> Mike

---

---

Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*  
Posted by [kerryg](#) on Wed, 30 Jul 2008 00:26:39 GMT  
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---

Oh, by the way, I pick up my PARIS rig tomorrow (double Bundle 3 with lots of i/o); after that I build a PC to put it in.

Once I'm done I'll test with ADAT under XP card and see how it likes chatting with my Mac's RME 9632 card.

- K

On 7/29/08 4:12 PM, in article 488fa3dd\$1@linux, "Mike Audet" <mike@...> wrote:

>  
> Hi All,  
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> Mike

---

---

Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*  
Posted by [Mike Audet](#) on Wed, 30 Jul 2008 01:23:35 GMT  
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---

Thanks, Kerry!

This is going to mean that my rig can have a much faster computer because I no longer need to be able to keep a Windows 98 partition going.

I can hardly believe I've made it this far. :)

Kerry Galloway <kg@kerrygalloway.com> wrote:

>MIKE, YOU FREAKIN' ROCK!

>

>Sorry for the all caps. But you rock in an ALL CAPS KINDA WAY.

>

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>> Mike

>

---

Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*

Posted by [Mike Audet](#) on Wed, 30 Jul 2008 01:49:05 GMT

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Thanks, Rich!

I'm just giving it a bit more of a shakedown right now by transferring 8 tracks to PARIS from my LX20. When I'm done, I'll dump them back. All is well. :)

I've been using a weirdo AGP based AM2 motherboard I had to order from England because I needed to run Windows 98 still for the ADAT card. Now, I'm looking

at Core 2 Quad motherboards with PCIe. I feel like I can finally get into the 21st century computer wise.

Sweet!

"Rich Lamanna" <richard.lamanna@verizon.net> wrote:

>Thanks Mike, really man! I appreciate all the dedication and hard work  
>you've invested in Paris and the community. You're the best, dude and this  
>is the only reason that I haven't completely migrated to WinXP. Now I can  
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>Rich

>

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>> Mike

>

>

---

Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*

Posted by [Tom Bruhl](#) on Wed, 30 Jul 2008 01:52:53 GMT

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Oh ya Mr. Audet. You are one Development Animal !  
You would be worth your weight in gold at ID if they  
had their act together.

I will be testing your adat fix tomorrow along with the  
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sure have a knack for this stuff huh?!!!

Was it one timing correction that fixed both the syncing  
and the multiple adat cards from showing up?

I will be donating shortly, you know that!



Tom

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Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*

Posted by [Mike Audet](#) on Wed, 30 Jul 2008 02:11:10 GMT

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---

Hi Tom,

Thanks for the kind words. it's pretty cool transferring an ADAT tape in XP right now.

Unfortunately, I don't have 2 ADAT cards to test that problem specifically, but I debugged the shit out of the PSCL and the adat.dll to fix this. I don't think there is anything that would cause only one card to be recognized.

I think it's more likely that it was pure luck whether a slot responded fast enough to load the old driver. It was just unlikely that there would be two. My machine didn't even recognize my one.

If that bug persists and someone wants me to debug it, I'd happily accept an ADAT card. :) But, I think everything will be fine as it is. The PSCL loads the driver for each slot one after another in two steps. It's pretty "civil". I think the adat.dll was just not waiting long enough for slots to respond to its requests. It was also scheduling a "guard" thread that canceled requests if they "timed out." The code for that is in the PSCL and seems to be badly broken. I'm working just fine with it disabled. :)

The best part is that this is an improvement over the 98 driver. I used to have to unplug and replug my ADAT and swear at my ADAT card in 98 to get it to transfer a tape, probably because of that crap guard thread. This pretty much just works.

Life is good. :)

"Tom Bruhl" <arpeggio@comcast.net> wrote:

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>  
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---

Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*

Posted by [Rich Lamanna](#) on Wed, 30 Jul 2008 02:49:41 GMT

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---

Thanks Mike, really man! I appreciate all the dedication and hard work you've invested in Paris and the community. You're the best, dude and this is the only reason that I haven't completely migrated to WinXP. Now I can leave the old ugly GUI behind :-)

Rich

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> Mike

---

Subject: Re: \*\*\*\*ADAT UPDATE\*\*\*

Posted by [JeffH](#) on Wed, 30 Jul 2008 03:12:58 GMT

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---

Mike

If need be, I have a spare...let me know. I just responded to your email

Jeff

Audet wrote:  
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