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Subject: Hmmmm.....socket 939 Opteron 165 1.8GHz x 2.....should I.....

Posted by [Deej \[1\]](#) on Thu, 22 Dec 2005 03:08:31 GMT

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"\_blank">chris@nospamapplemanstudio.com> wrote in message  
news:43aaafa1\$1@linux...

>

>

> Wow, My wife is from Macclesfield! Her dad is a chef and owns a restaraunt

> there I am going to have to send this to him. Pete Townshned and Noddy

> Holden

> eat there occasionally I wonder if the performing rights organization will

> make them pay if they break out into song after a few to many glasses of

> wine.

> I hope my father inlaw does not whistle while he works.

>

> "Fred Bloggs" <no@no.com> wrote:

>>

>>Hey, If there going to play that game!!!! The store owner should send the

>>record companies and PRS a bill for people performing in t

---

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Subject: Re: Hmmmm.....socket 939 Opteron 165 1.8GHz x 2.....should I.....

Posted by [erlilo](#) on Thu, 22 Dec 2005 08:05:53 GMT

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x..." target="\_blank">1@linux...

>>

>>>I am 99.99998% sure that if there's no audio present in the

>>>display window, then it's not streaming anything that doesn't

>>>actually show up there - including anything that's been clipped.

>>>

>>>Neil

>>>

>>>

>>>"Aaron Allen" <nospam@not\_here.dude> wrote:

>>>

>>>>Yeah. Cut out a huge section and see if the hard drive light slows/stops

>>>

>>>>activity.

>>>>AA

>>>>

>>>>

>>>>"John" <no@no.com> wrote in message news:43a894e1@linux...

>>>>

>>>>>But is there any way to test it?

>>>>>John

>>>>>

>>>>>EK Sound wrote:  
>>>>>  
>>>>>AFAIK, mutes do not stop the file from being streamed, but edits do.  
>>>>>  
>>>>>David.  
>>>>>  
>>>>>John wrote:  
>>>>>  
>>>>>  
>>>>>>see i'm assuming it does NOT stop. I'm betting that both shortened  
>>>  
>>>>>>objects and mutes play stream the entire segment I just am not sure  
>>>  
>>>how  
>>>  
>>>>>>to test. Hmm, how to test this. Brains anyone ?  
>>>>>>&g

---

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Subject: Re: HmMMM.....socket 939 Opteron 165 1.8GHz x 2.....should I.....  
Posted by [Deej \[1\]](#) on Thu, 22 Dec 2005 08:28:35 GMT  
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t;  
>>>>>>rick wrote:  
>>>>>>  
>>>>>>  
>>>>>>>i guess you could run a cpu usage check and see what happens but  
i  
>>>>>>>would assume that the audio streaming would stop when the file stops  
>>>>>>>playing. as far as the mutes go, i would think that it would be  
>>>>>>>likened to a midi on/off command in that data is sent only during  
the  
>>>>>>>onset of either command.  
>>>>>>>  
>>>>>>>On Mon, 19 Dec 2005 20:26:21 -0500, John <no@no.com> wrote:  
>>>>>>>  
>>>>>>>  
>>>>>>>  
>>>>>>>>Does an object that has been trimmed still stream the entire object?  
>>>  
>>>>>>>>Like if I take a 5 minute object and trim it to 5 seconds will it  
>>>  
>>>>>>>>still be streaming from hard drive the whole time?  
>>>>>>>>  
>>>>>>>>>Also, do automated mutes continue streaming from disk? I'm betting  
>>>  
>>>>>>>>>they both stream and need to be rendered to fix it.

>>>>>>>>  
>>>>>>>>Is there a way to verify this?  
>>>>>>>>  
>>>>>>>>  
>>>>>>>>Oh, I tried compact and as reported, it did nothing. Oh well.  
>>>>>>>>  
>>>>>>>>  
>>>>>>>>  
>>>>>>>>  
>>>>>>>>  
>>>>  
>>  
>>This is a bit cryptic to me, but if Debian/Gnome is bad sex and man'n'cheese  
then OS X is erectile dysfunction and cold noodle soup.

TCB

"DC" <dc@spambillgates.org> wrote:  
>  
>Sheesh, yeah, you can get used to bad sex and mac n' cheese for  
>dinner too...  
>  
>heh  
>  
>  
>  
>"TCB" <nobody@ishere.com> wrote:  
>>  
>>Why on earth anyone would want a proprietary, bloated \*nix on X86 processors  
>>i

---

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Subject: Re: Hmmm.....socket 939 Opteron 165 1.8GHz x 2.....should I.....  
Posted by [Rod Lincoln](#) on Thu, 22 Dec 2005 15:41:14 GMT  
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-1"  
Content-Transfer-Encoding: quoted-printable

Brian suggested the Db and I agree that it is worth the money.  
Tom  
"cujo" <chris@nospamapplemanstudio.com> wrote in message =  
news:43aabed8\$1 @linux...

I think there is a good one here  
<http://www.db-audioware.com/>

"David Posey" <crosscreekrecording@hotmail.com> wrote:

>  
>I had done a search looking for a desesser plugin but have come up =  
with  
nothing.  
>Any help would appreciated.  
>David P

-----=\_NextPart\_000\_0069\_01C606E5.D8824010

Content-Type: text/html;  
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

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charset=3Diso-8859-1">

<META content=3D"MSHTML 6.00.2800.1400" name=3DGENERATOR>

<STYLE></STYLE>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV><FONT face=3DArial size=3D2>Brian suggested the Db and I agree that =  
it is worth=20

the money.</FONT></DIV>

<DIV><FONT face=3DArial size=3D2>Tom</FONT></DIV>

<BLOCKQUOTE=20

style=3D"PADDING-RIGHT: 0px; PADDING-LEFT: 5px; MARGIN-LEFT: 5px; =  
BORDER-LEFT: #000000 2px solid; MARGIN-RIGHT: 0px">

<DIV>"cujo" &lt;<A=20

=

href=3D"mailto:chris@nospamapplemanstudio.com">chris@nospamapplemanstudio=  
..com</A>&gt;=20

wrote in message <A=20

=

href=3D"news:43aabed8\$1 @linux">news:43aabed8\$1 @linux</A>...</DIV><BR><BR>=  
I think=20

there is a good one here<BR><A=20

=

href=3D"http://www.db-audioware.com/">http://www.db-audioware.com/</A><BR>=  
><BR>"David=20

Posey" &lt;<A=20

=

href=3D"mailto:crosscreekrecording@hotmail.com">crosscreekrecording@hotma=  
il.com</A>&gt;=20

wrote:<BR>&gt;<BR>&gt;I had done a search looking for a dese

---

Subject: Re: Hmmmm.....socket 939 Opteron 165 1.8GHz x 2.....should I.....  
Posted by [rick](#) on Fri, 23 Dec 2005 10:40:49 GMT

4;animas.net" target="\_blank">animix\_spam-this-ahole\_@animas.net> wrote in message  
> news:43ab734d\$1@linux...  
>> I've got a couple of Distressors and I can get something very similar out  
> of  
>> a Voxengo plugin I have around here called squashfish or something like  
>> that.  
>>  
>> "Brandon" <lwire98@yahoo.com> wrote in message news:43ab61ac\$1@linux...  
>> >  
>> > Some of you guys use a popular distressor (hardware)  
>> > what is a comparable software alternative?  
>> > Thanks  
>>  
>>  
>  
> Jamie K <Meta@Dimensional.com> wrote:  
> TCB wrote:  
>> So, Jamie, you think I just make this stuff up? I'm some platform hater  
with  
>> no numbers or knowledge to back up what I say?  
>  
> As I mentioned, I was curious to see the evidence you referred to.  
> Thanks for posting some links.  
>  
> And yes, you are a platform hater but I understand. :^)  
>  
> Looking at the links, Tiger 10.4.1 on a G5 dual 2.5 or 2.7 is shown to  
> be OK for workstation apps when altivec is used. Holds its own (their  
> example, LightWave - more examples would be appreciated but that's not  
> their focus). I use LW so it's pertinent to me.

That's not what I read. What I read is that OS X is disastrous at managing multiple threads. Most, but not all, workstation apps use relatively few threads. Something like LW or AfterEffects will usually be only a few threads and the penalty for bad multi-threading will be minimal. Audio apps are usually more thread heavy than almost anything else that is "workstation" level work, so the consistently reported miserable performance with DP might make some sense.

The other thing this article points out is that the FPU units on G5 chips are pedestrian while the vector processor is truly staggering. So if one is going to hand tune for vector processing (most compilers seem only so so at doing that) that's another mark majorly in the G5 favor. This says nothing about OS X performance, of course.

So it's good for "workstation" as long as workstation means minimal threading.

>They give thumbs down on server apps using open source software  
>(apparently not optimized for OSX?), and point out that specific choices

>in the kernel are shown to be slower than Linux. It would be interesting

>to see if the several OSX updates since then have done anything to  
>address that. For my use as a workstation, their limited examples make  
>it look like OSX on G5 is not a bad choice when software is optimized  
>for altivec. Actually it looked pretty good. And we're not talking quad

>mac here which conceivably would be some amount better yet.

Well, unless Apple changed the kernel and, oh, most of the OS I can't imagine the situation is a lot better.

So then, let's get back to the original post. Morgan says Pete Leoni has had OS X running on pretty junky X86 hardware and that it's benchmarking the daylights out of G5 boxes. A Mac enthusia

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Subject: Re: Hmmmm.....socket 939 Opteron 165 1.8GHz x 2.....should I.....

Posted by [John \[1\]](#) on Fri, 23 Dec 2005 10:51:06 GMT

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st says BS on that, and I chime

in that Morgan may be right because OS X is extremely inefficient in some areas that are crucial for high performance computing (threading, kernel access, etc.). I'm told that I'm passing around "urban myths" and demands for proof are made. After the proof is given I'm told that they just reflecty my "bias" as someone who likes Debian.

OK, that's one way to explain things, and a way that I would guess is very appealing to someone in for a few grand worth of G5 hardware that is leaning into the headwind of kernel design that looked great on the chalkboard in Comp Sci 310: Mach Kernel Development but Linus saw and said, "Wow, what a great way to destroy my database queries!" However, let's look at another explanation. Apple is planning on moving to Intel hardware. The developer versions for Intel hardware seem distressingly fast in comparison to supposedly superior chip design from IBM. Everyone who owned an early G4 with OS 9 on it remembers installing OS X and thinking, "Well it sure is pretty but it sure is slower too." At the time it was attributed to the new GUI but now that there's more evidence out there maybe that should be re-thought. The user space and kernel space on \*nix machines is usually quite distinct, so do you think maybe Apple made some kernel changes in Intel OS X? I don't have access to the software, so I can't say for sure if they've actually gone monolithic but from the benchmarks that would be a \*highly\* logical guess. If they haven't gone fully monolithic I would expect that they lifted

some more code from a BSD licensed \*nix to vastly improve the current kernel space. I'd still be on monolithic but it almost has to be one or the other.

Or maybe I'm just peddling urban myths . . .

TCB

>OTOH, the Opteron looked pretty good, too. It will be very interesting  
>to look at the upcoming Intel dual Yonah processor with OSX, in  
>(rumored) another couple of weeks, and see how that combination does.  
>This is all a moving target.

>  
>In the other link, the main bias is the same as yours: OSX is not open  
>source from top to bottom. True. Beyond that complaint, with his  
>specific statistical software he finds better performance under Linux  
>when testing on a couple of older G5 boxes. Not sure if this says much  
>about the music/graphics/video/animation apps that I use (other than his

>complaint about accessing his PVR files, in which case maybe he should  
>consider the ElGato digital video boxes which work fine - although they

> may not have been out when he wrote his review - the HD one rocks).  
>But I can see why he made the choices he did for his application.

>  
>It's good to have choices. Go Linux! Some of the software I use for  
>browsing, email, word processing, spreadsheet and software development  
>also run on Linux and I like that. BTW, I'm happy to see Linux  
>animation, audio, video, and graphics software moving ahead, step by  
>step. If you're involved in any of that, kudos to you!

>  
>For now, OSX and the available software for OSX offers a very capable  
>platform for the media production I do, and the dual 2.5GHZ box I use  
>is, for the most part, amazing. The kernel may have drawbacks for server

>use, but it has some very nice features that support audio, video and  
>graphics system-wide.

>  
>It's not perfect, mind you. That's still out there waiting to happen.

>  
>Cheers,  
> -Jamie  
> <http://www.JamieKrutz.com>

>  
>  
>Remember, in addition to what  
>> I do with audio apps I work 50-80 hour weeks as a network admin and developer.  
>> And I hate M\$oft just as much as I hate Apple. So then, about this urban

>> legend nonsense, I give you Anandtech, wherein he proves a) the G5 is  
a fabulous  
>> RISC processor a

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