
Subject: URGENT: NEED SOME SHORT 16 and 24-bit PAFS at 48k and 44.1k for testing!

Posted by [kerryg](#) on Wed, 11 Mar 2009 23:59:09 GMT

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And here I am with my rig not set up yet.

Can anyone create some short (5 - 15 sec) PAF audio clips from within PARIS (this is very important, as converted PAFs are slightly different than PARIS-created pafs) and attach them here for testing?

Format - say two sample files for each of the following:

16 bit 44.1

24 bit 44.1

16 bit 48k

24 bit 48k.

If you can stick 'em in a folder, zip 'em and upload them here, that'd be great.

What would be really ideal is for both a Mac PARIS user and a PC PARIS user to upload a set created in their respective rigs. That way we'll be certain the version of PAF compatibility we're creating is completely backwards-compatible with both platforms.

Thanks in advance!

- K

Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [kerryg](#) on Thu, 12 Mar 2009 03:54:00 GMT

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Well, this is **very** interesting. Xenakios reckons he may have found a serious bug concerning 24-bit PAFs in libsndfile, which is the free, open-source library that developers can turn to to build PAF support from.

If this is the case, and libsndfile **can't** make reliable 24-bit PAF files, then that's a very important breakthrough because it will mean anything built from it will be half-baked. And one of my **next** steps after this involves contacting developers of file translation software about PAF support. If libsnd is broken, I need to make sure the developer is made aware of it and fixes it so folks cooperating with us don't need to wrestle with it.

So - who's got some PARIS files for testing this out so we can quickly arrive at a definitive diagnosis? I'd ideally love to see them tonight if

possible.

- K

On 3/11/09 4:59 PM, in article 49b8551a\$1@linux, "Administrator"
<kg@kerrygalloway.com> wrote:

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> 24 bit 44.1

> 16 bit 48k

> 24 bit 48k.

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> - K.

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> :: [posted via the PARISForums] ::

> :: kerrygalloway.com/ParisForums/ ::

> -----

Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [Aaron Allen](#) on Thu, 12 Mar 2009 04:05:22 GMT

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No rig where I sit at the moment..... :(

However, I can make an attempt tomorrow evening, day gig allowing me time to do so. You've got my number still I assume... gimme a shout tomorrow around

6 pm Central Time. I'm recovering a nasty flu bug though, so don't wait too late to ring me as I'll be in Nyquil dreamy time. Momma said knock me out and all.

If I can get 1/2 hr in front of my Paris I'll make you what you want on PC platform.. I assume someone Mac will step up on the Apple side.

I do remember Edmund talking about how PAF is really just a WAV format with less header information. I always thought it was pretty wierd though that the file length actually changed when running through StripWav a PAF from Wavelab to Paris. There is a check box in Wavelab that removed 'extra info' of some sort. Dunno if any of that is useful or not.

AA

"Kerry Galloway" <kg@kerrygalloway.com> wrote in message
news:C5DDD568.1A7A5%kg@kerrygalloway.com...

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>> :: kerrygalloway.com/ParisForums/ ::
>> -----
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Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [Ted Gerber](#) on Thu, 12 Mar 2009 04:43:01 GMT

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Kerry I can run some files on Mac tomorrow morning.
I also noticed some weirdness when looking at waveforms in Snapper before
and after a transcode from .paf to .sd2

Ted

"Aaron Allen" <know-spam@not_here.dude> wrote:

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Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!
Posted by [kerryg](#) on Thu, 12 Mar 2009 05:25:24 GMT

Aaron Allen wrote on Thu, 12 March 2009 00:05... I can make an attempt tomorrow evening, day gig allowing me time to do so. ... I do remember Edmund talking about how PAF is really just a WAV format with less header information. I always thought it was pretty wierd though that the file length actually changed when running through StripWav a PAF from Wavelab to Paris. There is a check box in Wavelab that removed 'extra info' of some sort. Dunno if any of that is useful or not...

Ted Gerber wrote on Thu, 12 March 2009 00:43Kerry I can run some files on Mac tomorrow morning.

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You guys both rock - and *very* interesting observations. There's no denying there's always been something a little funky about PAF. "Pure" wav, if I recall, is how Edmund characterized PAF.

It'd be pretty interesting to find we'd been dealing with the manifestations of a broken PAF library having been out there for a long time - and we might never have got the source pinned down if people hadn't started to talk to each other about it. Anyway, we'll finally get to the bottom of it very soon. With guys like the Reaper team running their eyes over it, we may be able to strip some smoke and mirrors and bafflegab away from PARIS shortly, and learn things about it that we never knew before. I can live with a little less mystery and secrecy. AA, talk to you tomorrow - get well man, I just got over that abomination of a flu/cold (I've been calling it Coldzilla).

Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [Aaron Allen](#) on Fri, 13 Mar 2009 03:41:26 GMT

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Kerry, tell me where you want these files. I have:

- 1x blank ppj
- 1x test ppj, where I created the following files
- 1x 44.1 16 bit file, PAF format created in Paris
- 1x 44.1 24 bit file, PAF format created in Paris
- 1x 48 16 bit file, PAF format created in Paris
- 1x 48 24 bit file, PAF format created in Paris

They're between 10 and 15 seconds long, and are not in perfect sync with the audio. Basically, I set up the rates and pushed record while pushing 'demo' mode on my DmPro. All files created in Paris and untouched otherwise on a PC

platform. Uncompressed, the whole lot is a touch over 9 MB.

AA

"Administrator" <kg@kerrygalloway.com> wrote in message
news:49b8a196@linux...

> Aaron Allen wrote on Thu, 12 March 2009 00:05

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> Ted Gerber wrote on Thu, 12 March 2009 00:43

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>

Kerry -

So sorry to take this long to get the files to you. I've emailed you with a link to them.

Thanks for your great work,

Ted

Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [kerryg](#) on Fri, 13 Mar 2009 04:03:35 GMT

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Aaron Allen wrote on Thu, 12 March 2009 23:41Kerry, tell me where you want these files. I have:

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AA, you are the MAN! Ted came through as well - so now we have a Mac and a PC version, at 44.1 and 48 and at 16 and 24 bit, for Xenakios to test thoroughly. By the way, check the Reaper thread, Xenakios has already posted the first version of the Reaper extension, working at 16 bit, for you to try out at your leisure.

If you want to send them to me, a service like Droplod or YouSendIt <http://www.yousendit.com/> would get anything up to 100 meg here to me, and then I could post it on my FTP site for Xenakios - but Reaper has its own quasi-FTP site you can use to share Reaper-related resources (this seems to qualify) at <http://stash.reaper.fm/> if you want to check that out (never used it myself but it looks great, and then the files are "in the system" so to speak).

If it's OK with you guys I might keep the test files from both you and Ted served on the Wiki - I'm going to ask some file conversion folks to spiff up their paf support soon too, and a selection of files would come in handy for that.

Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [Aaron Allen](#) on Fri, 13 Mar 2009 05:52:48 GMT

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check your Email as well they are pushed up to the Stash Reaper site you referred.

AA

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news:49b9dfb\$1@linux...

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Posted by [Aaron Allen](#) on Fri, 13 Mar 2009 06:05:43 GMT

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http://stash.reaper.fm/v/2423/ParisPC_TestFiles.zip

"Aaron Allen" <know-spam@not_here.dude> wrote in message

news:49b9f983\$1@linux...

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Subject: Re: URGENT: NEED SOME SHORT 24-bit PAFS at 48k and 44.1k for testing!

Posted by [kerryg](#) on Fri, 13 Mar 2009 23:07:10 GMT

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OK guys - don't know if you're following the Reaper Forums thread, but if you aren't, Xenakios asked me to contact Erik de Castro Lopo, developer of libsndfile, which I've done; Erik got back to me right away and I've passed him over to Xenakios for a more detailed explanation of the putative bug in libsndfile. More info as I have it.

- K
