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Subject: IDLtoAVIGENERATOR gives unexpected output when dimension is not power of 2?

Posted by [biophys](#) on Sun, 07 Jan 2007 20:55:18 GMT

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Hello,

I've been using `idl2avi.dlm` and lately the new `IDLtoAVIGENERATOR.dlm` quite a few times and it all gives me satisfactory results. Recently I need to make avi output under windows with some random size, say 258x349, not 128x128, 256x256 as usual. The program runs smoothly and generates avi output. However, when I open avi with windows media player, the frames are like skewed by 30 to 60 degrees and sometimes the color is also screwed up. When I force the program to feed 256x256 images, it works fine. It seems to be codec independent and reproducible in different machines. Also it does not matter if it is generated with 8bits or 24 bits. My guess in the title may not be completely true since I did not try all possible combinations of dimensions. The example `testAVIgenerator` works with its default size 300x400, but not some other size 258x349. But strangely 300x400 does not work in my program. I also had good luck with size of 512x[some random dimension smaller than 512] or [some random dimension smaller than 512]x512. I am totally lost here. Am I the only one who has this problem? Can someone help me understand this?

Many thanks!

BP

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