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Subject: Sonograms in IDL?

Posted by [Ben Panter](#) on Thu, 25 Nov 2004 16:50:11 GMT

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Hi Guys,

A friend who works with birds has asked me to have a look at some recordings (wav format). The recordings are mimics of a model sound (I have this too). She wants to try to think of some sort of statistical measure of their similarity - basically how well the bird is doing at copying. At the moment I've happily read in the wav files with `read_wav`, and have started playing around with signal processing bits. From various websites it appears that I can get lots of interesting information by creating something called a sonogram - pitch v. time, with amplitude represented by a heavier colour.

Before I go through the process of writing my own sonogram program, does anyone have one that they are willing to share? Or any advice on potential pitfalls?

Thanks,

Ben

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