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Subject: Re: dissapointing fftw

Posted by [stevenj](#) on Wed, 11 Feb 2004 05:08:37 GMT

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"R.G. Stockwell" wrote...

- > [...] But I also use it for arbitrary lengths of time
- > and the requirement of the fftw to calculate a plan for each different
- > length is a real killer. Plus, the creation of the plan can be very very
- > slow (i.e. minutes). [...]
- > Oddly enough the matlab invocation of fftw does not seem to have that step
- > (of calculating the plan).

You can create plans with the FFTW\_ESTIMATE option to skip the plan-optimization step and just pick one based on heuristics. I think that's what Matlab does, probably with precomputed plans ('wisdom') for a few sizes like powers of two.

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