

OP25 - Feature #2171

Use libfftw3 for IFFT/FFT functions.

04/22/2017 04:04 PM - stevie

Status: New	Start date:
Priority: High	Due date:
Assignee:	% Done: 0%
Category:	
Target version:	
Resolution:	Spec Reference:
Description The software_imbe_decoder is using home-rolled FFT/IFFT functions which are much better left to a proper DFT library. Replace these functions with those of libfftw3 - the library can use SIMD instructions to compute the DFT much more efficiently than this code and it simplifies the decoder.	

History

#1 - 04/22/2017 04:14 PM - zecke

- Project changed from OP25j to OP25