

# Results presentation

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Open Source Programming

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**Raw** Therapee

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# Project description

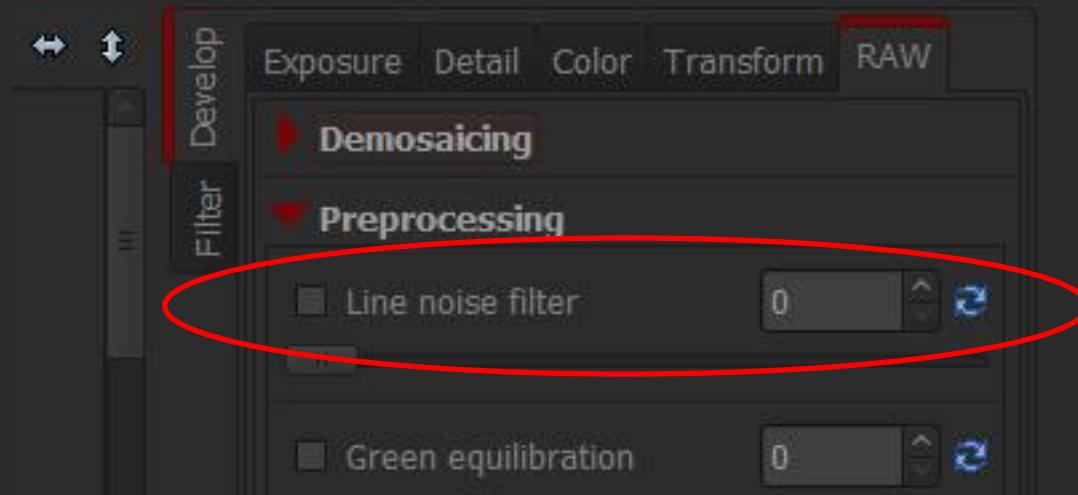


- **THE Experimental RAW Photo Editor**
- RAW image processing program
- GNU General Public License Version 3
- <http://rawtherapee.com>
- Cross-platform



- C++
- GTK+ front-end
- dcraw library (RAW files)

- Include Fixed Pattern Noise Correction algorithm
- Algorithm already implemented in libraw



**Unfortunately, it wasn't possible to include algorithm  
due to incompatibility and bad documentation**

# My task

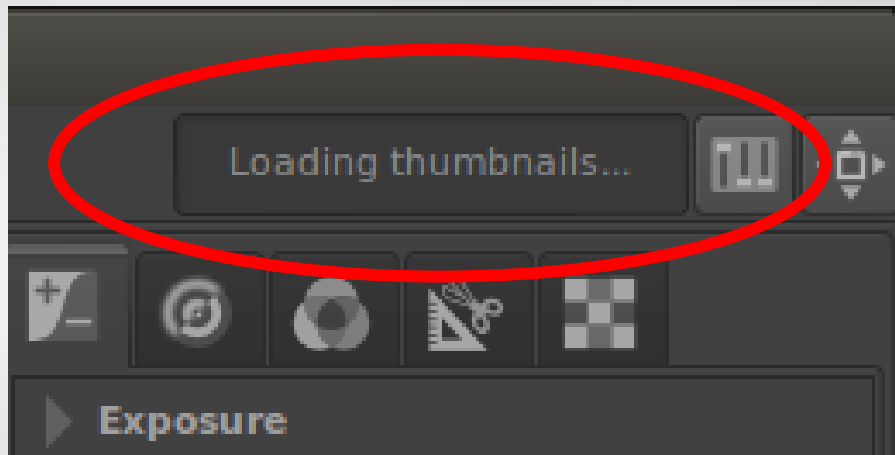
- Instead of it I started do develop my own algorithm
- Filtering of spectral image produced by Fourier transform
- Prototype implementation in Matlab



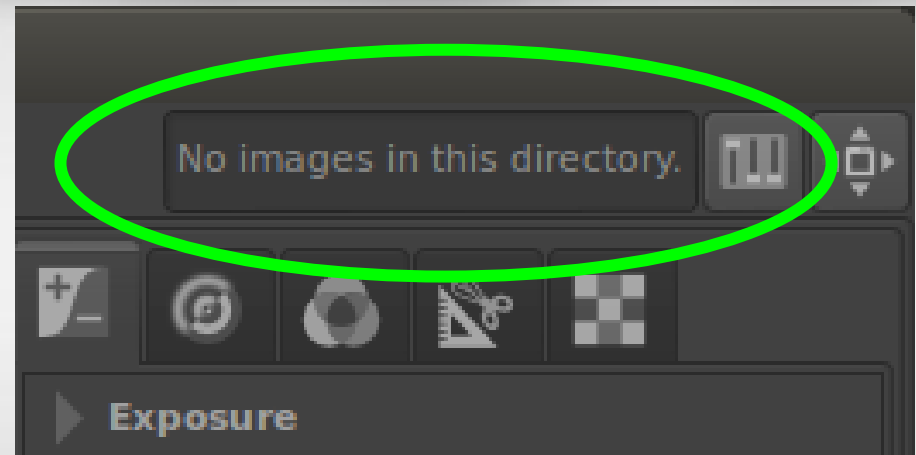
# Task alternative – Issue 1817

Progress bar shows wrong text when empty folder is opened

- ✓ Found and fixed this bug.
- ✓ Tested and accepted by project member.
- ✓ Currently fixed in master branch. Will be in 4.0.11 version.



**BEFORE FIX**



**AFTER FIX**

- + Every day activity on the project
- + Continuous bugfixing and features improvement
- + Project member's interest and kindness
- Missing developer documentation
- Code sometimes not elegant
- Used versioning system doesn't preserve author's name



5 active contributors  
and 33 commits  
last month