

tmPattanaik

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1. Synopsis

Tonemap HDR-images with `pfstmo_pattanaik00`.

2. Prerequisites

This module needs an HDR-list-file (config-var `HDR_LIST`) generated by module [findGroups](#). Also, the module [makeHDR](#) must run first to create the input-file for `tmPattanaik`.

3. Configuration

TM_PATTANAIK_OPTS

Options for `pfstmo_pattanaik00`. Defaults to `TM_PATTANAIK_OPTS=-m 250`

TM_PATTANAIK_GAMMA

Gamma-correction value. Defaults to `TM_GAMMA`. If `TM_GAMMA` is not set, the default value is 2.2.

TM_PATTANAIK_EXT

Extension of the generated image. Defaults to `tif`.

TM_PATTANAIK_PREFIX

Prefix for generated images. Defaults to `pattanaik_`.

IMG_DIR

Working directory. This module expects it's input files in this directory and creates it's output files in this directory.

4. Description

This module converts HDR-files generated by [makeHDR](#) to LDR files using the `PATTANAIK00`-algorithm. Note that tone-mapping is in general a very slow operation.

Setting `TM_PATTANAIK_EXT=jpg` will generate `jpg`-files instead of `tifs`.