

# tmFattal

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## 1. Synopsis

Tonemap HDR-images with `pfstmo_fattal02`.

## 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 `tmFattal`.

## 3. Configuration

### **TM\_FATTAL\_OPTS**

Options for `pfstmo_fattal02`. Defaults to `TM_FATTAL_OPTS=-s 1`

### **TM\_FATTAL\_GAMMA**

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

### **TM\_FATTAL\_EXT**

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

### **TM\_FATTAL\_PREFIX**

Prefix for generated images. Defaults to `fattal_`.

### **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 FATTAL02-algorithm. Note that tone-mapping is in general a very slow operation.

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