

makeHDR

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1. Synopsis

Create an HDR-image (HDR-format) from an image-sequence.

2. Prerequisites

This module needs an HDR-list-file (config-var HDR_LIST) generated by module [findGroups](#). Also the module [alignImages](#) must run before makeHDR.

3. Configuration

HDR_PREFIX

Prefix for generated images. Defaults to hdr_.

IMG_DIR

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

IMG_DEPTH

Color depth of the generated image (8 or 16). This should match the color-depth of the input-files (this is no limitation in normal usage scenarios).

4. Description

This module creates a real HDR image file from an image-sequence. You cannot view this file directly, use the pfsview utility from the [pfstools](#)-package to explore the luminance-values of the image. Typically, the files created by this module are tone-mapped back to 8 or 16 bit LDR images with one of the tone-mapping algorithms provided by the [pfstmo](#)-package. The modules named tmXXX encapsulate the respective algorithm XXX.