

Compare

Description

Compare is a powerful tool based on ImageMagick and Ghostscript that will help you to spot differences between two files.



Features

• Pixel Precision Analysis:

A detailed examination that identifies even the slightest differences between the two images.

• Color Difference Highlighting:

Automatically highlights area discrepancies, making it easier to spot variations.

• JSON or XML report:

Get a report, page per page, showing the difference between files

- Compare file using different mode
 - Similarity
 - Number of pixels
 - o mean error per pixel
 - o ..
- Multiple file format supported
 - o pdf
 - o png
 - o tiff
 - jpeg/jpg

Compatibility

Switch 2023 fall or higher.

Dependency

imageMagick: https://imagemagick.org/script/download.php

PitstopServer 2022 or higher (optional)



Flow element properties

• Path to ImageMagick

If ImageMagick is defined as an environment variable (as it should be with a standard installation), you can use the "automatic" mode.

If not, select the path to the ImageMagick executable.

Compare from

o File path

Select the file path you want to compare your actual job file with.

Dataset

Name of the opaque dataset you want to compare your actual job file with.

Compare method

Structural similarity index

Will return a percentage of similar pixels.

Structural dissimilarity index

Will return a percentage of dissimilar pixels.

Number of different pixels

Will return the number of dissimilar pixels.

• Compare resolution

Select the resolution at which your files will be compared.

Higher resolution will increase the calculation time.

Dataset name

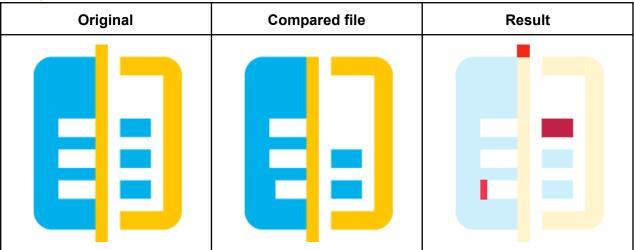
Name of the opaque dataset where the graphic result file will be stored.

Dataset model

Model of dataset that will be used for the Log outgoing connection.



Example



XML report

JSON report