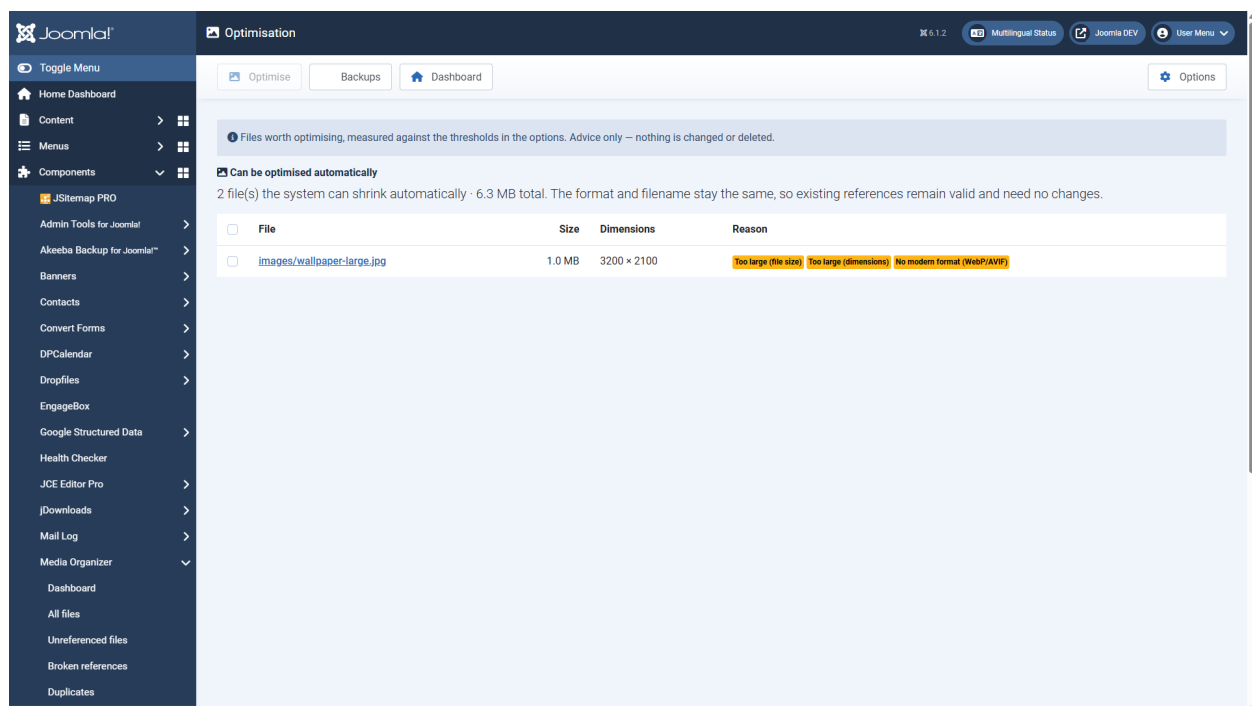


Optimisation and image editor

Besides cleaning up, Media Organizer can also shrink and edit images. Both are **reversible** and run **strictly locally** — no image is sent to an online service.

The optimisation report

The report shows images with optimisation potential, measured against the thresholds from the options. It is a recommendation — nothing is changed until you trigger it.



The screenshot shows the Joomla! Media Organizer interface. The left sidebar contains a menu with items like 'Toggle Menu', 'Home Dashboard', 'Content', 'Menus', 'Components', and various plugins. The main area is titled 'Optimisation' and has tabs for 'Optimise', 'Backups', and 'Dashboard'. A message states: 'Files worth optimising, measured against the thresholds in the options. Advice only — nothing is changed or deleted.' Below this, a section 'Can be optimised automatically' indicates that 2 file(s) can be shrunk by 6.3 MB total. A table lists the files and their reasons for being flagged for optimisation.

File	Size	Dimensions	Reason
☐ images/wallpaper-large.jpg	1.0 MB	3200 × 2100	Too large (file size) Too large (dimensions) No modern format (WebP/AVIF)

For every file it says *why* it was flagged — here for three reasons at once.

Typical reasons:

- **Too large (file size)** — exceeds the configured maximum file size (default 500 KB).
- **Too large (dimensions)** — exceeds the maximum edge length (default 2500 px).
- **Not a modern format (WebP/AVIF)** — a raster image that would be considerably smaller as WebP or AVIF.
- **Outdated format** — BMP or TIFF, for instance.

Two groups — and the difference matters

The report deliberately separates them:

Automatically optimisable. Format and file name stay the same. Existing references stay valid and do not have to be adjusted. This is the safe case.

In the editor only. Here an optimisation would change the format (to WebP, for example) and therefore the file name. Existing references still point to the old file and are **not** switched over automatically. Such images are therefore never touched automatically.

Triggering optimisation

Select the files and click **Optimise**. Before that the following applies:

- The **original is backed up** (default: `jimgo_optimize_backup`, outside the web).
- Nothing is **ever scaled up** — only down.
- If the optimisation brings less than the **minimum saving** (default 10 %), the original stays untouched. No loss of quality for a few kilobytes.
- Very large images are skipped so that decoding stays within memory — they appear as "too large to process".

Via **Backups** you reach the saved originals and can undo an optimisation.

External optimisers

If specialised encoders are installed on the server, Media Organizer uses them for compression — that brings considerably more than the built-in libraries:

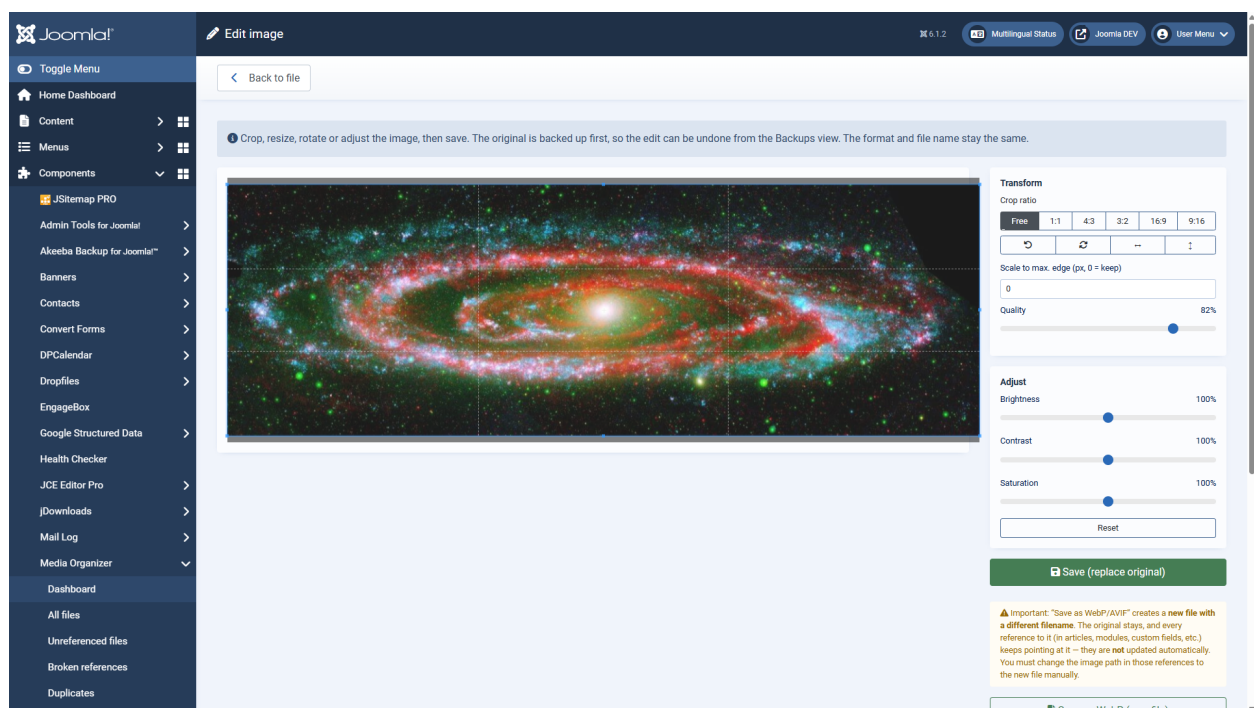
Format	Tools	Note
JPEG	jpegoptim	—
PNG	pngquant, oxipng, OptiPNG	pngquant is lossy (the biggest saving); oxipng and OptiPNG are lossless. Automatic prefers pngquant.
WebP	cwebp	When the source is already WebP.

Format	Tools	Note
GIF	gifsicle	Keeps animations.

Media Organizer **downloads nothing and ships nothing along** — it only uses what is already installed. If a tool is missing, it falls back to the built-in library automatically. Under **Options → optimisation → available optimisers** you see what was detected.

The image editor

You open the editor from the detail view via **Edit**.



Crop, rotate, scale, quality and image adjustment — with a preview.

Possible are:

- **Cropping** — freely or with a fixed ratio (1:1, 4:3, 3:2, 16:9, 9:16)
- **Rotating and flipping**
- **Scaling** to a maximum edge length
- Setting the **quality**
- **Adjusting** brightness, contrast and saturation

Here too the original is backed up beforehand; through the backups view you undo the edit.

Saving: two routes with different consequences

Route	What happens	References
Replace the original	Format and file name stay the same.	stay valid ✓
Save as WebP/AVIF	Creates a new file with a different file name . The original remains.	still point at the original — you have to switch them over manually

This is the most common stumbling block. If you save an image as WebP, *nothing* changes in your content — it still points at the old file. The occurrences you have to adjust are listed in the detail view of the original under "referenced by".

Where to go from here

- [Automation: scheduled scans and 404 monitoring](#)
- [The command line](#)

Applies to version 1.2.0.

[Deutsche Fassung](#)