

NUBLUE



IMAGE OPTIMIZER

USER GUIDE



Image Optimizer for Page Speed Improvements

Optimize your PNG and Jpg images.

Getting Started

You can install the extension like any other. It does not require composer since it does not use any external dependencies but if you want the uninstall script to work you'd have to install the extension using composer.

Installing

If you don't want to use Magento's marketplace add this to Magento's composer.json file

```
"repositories": [  
  {  
    "type": "path",  
    "url": "/where/is/the/package/nublue/imageoptimizer"  
  }  
]
```

And install the extension using composer

```
composer require nubluel/imageoptimizer
```

Then enable extension

```
bin/magento module:enable Nublue_ImageOptimizer
```

Run the installation scripts

```
bin/magento setup:upgrade
```

And then compile

```
bin/magento setup:di:compile
```

Database

The extension creates default data during installation stage.

All configuration is held within in `core_config_data` table where path = "optimizer/directories/list".`

NUBLUE

The value is json serialized array of strings, where is string is a single directory entry.

Commands from the console

The extension adds 4 new commands to magento CLI.

imageoptimizer:list

Lists all entries from configuration.

For example: *bin/magento imageoptimizer:list*

imageoptimizer:add DIRECTORY...

Add new entries to configuration.

For example: *bin/magento imageoptimizer:add /media /pub /app*

imageoptimizer:remove DIRECTORY...

Remove entries from configuration.

For example: *bin/magento imageoptimizer:remove /media /pub /app*

imageoptimizer:optimize

Search configured directories for images and optimize them.

`bin/magento imageoptimizer:optimize`

NUBLUE

Admin panel interface

As well as the Magento CLI you are also able to use the Magento 2 Admin panel to configure, run, and observe optimizations made.

The screenshot shows the 'Configuration' page for the 'Image Optimizer' extension in the Magento 2 Admin Panel. The left sidebar contains navigation menus for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main content area is titled 'Configuration' and includes a search bar, a notification bell, and a user profile dropdown. Below this, there is a 'Store View' dropdown set to 'Default Config' and a 'Save Config' button. The configuration is organized into sections: 'Image Optimizer Results' showing 0 images optimized and 0 B space saved; 'Directory List' with a table for adding directories (currently containing '/pub/media'); 'Image Quality' with a slider set to 85%; and 'Manual Run' with a 'Run Optimizer' button.

Configure before running

Directory list

By default Magento will store its images within /pub/media however it is worth noting that depending on the level of customization of your store, images may be stored elsewhere. It is therefore worth a discussion with your Webmaster/Integration partner for details.

Image Quality

This toggle allows you to change the image quality, the higher the percentage the higher the quality. It is recommended choosing a sub directory and compressing to a level you are happy with and then compressing the rest of the files once you've established the level of conversion you want, else it is recommended to backup your images in the event you want to revert.

Manual Run

The Extension doesn't require you to seek a technical user to run via a command line, you can instead

NUBLUE

run the command within the Admin panel by clicking the 'Run Optimizer' button.

The screenshot shows the 'Configuration' page for the 'Image Optimizer' in the Nublue Admin panel. On the left is a sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main content area is titled 'Configuration' and includes a 'Save Config' button in the top right. The settings are organized into sections: 'Directory List' (with a table containing one entry: /pub/media), 'Image Quality' (with a slider set to 85%), and 'Manual Run' (with a progress bar showing 'Optimizing... 184/774' and a 'Run Optimizer' button). A note below the progress bar says 'Please keep this browser window open to let the image optimizer finish.'

When running a progress bar will show indicating the progress made. Please keep the browser window open while running this process so you know once the process is complete.

View the results

The screenshot shows the 'Configuration' page for the 'Image Optimizer' in the Nublue Admin panel, displaying the results of a completed run. The 'Image Optimizer Results' section shows 'Images Optimized: 774', 'Space Saved: 5.31 MB', and 'Last Run: 2018-08-07 14:04:05'. There is a 'Last Log' button with a 'Download' link. The 'Manual Run' section shows a progress bar at 'Finished... 774/774' and a 'Restart' button. A note below the progress bar says 'You can now safely close this browser window.'

Once complete, you will see at the top of the screen the number of images optimized, the amount of space saved, and the time index when it ran. You also have the option to download a complete log file detailing

NUBLUE

the images which have been optimized.

Uninstalling the extension

If the extension was installed using composer then removal is as simple as calling:

```
bin/magento module:uninstall --remove-data Nublue_ImageOptimizer
```

If you did not use composer then you'll have to remove the database entry manually.

TROUBLESHOOTING

For any other issues, please contact our support team: extensions@nublue.co.uk