

Magento Log Monitoring And Notification User Guide

Introduction

Magento Log Monitoring And Notification is an advanced extension for Magento which allows to monitor Magento Logs and Reports in a convenient grid right from the admin panel. With this extension, you are able to monitor Magento Logs and Reports, configure email notifications about new and repeated errors that are accumulated in var/reports and var/log folders in Magento.

Installation

1. Unpack the zip file provided into the root folder of your Magento 2 installation.
2. From a command line run:

```
bin/magento module:enable Neklo_Core  
bin/magento module:enable Neklo_LogsMonitoring  
bin/magento setup:upgrade  
bin/magento setup:static-content:deploy
```

Magento compatibility

Community Edition 2.1.x, 2.2.x

Getting started - General Settings

To enable Magento Log Monitoring extension for your store:

1. Log into your admin panel.
2. Go to Stores > Configuration > Neklo and choose "Log Monitoring".
3. In General Settings, choose "yes" value in the "Monitoring Enabled" field.
4. "Select var/log Error Level to Fetch var/log Data". var/log folder data will be fetched automatically and continuously. By selecting the level of error, you identify the level error you want to log.
5. Click "Save Config" to apply the changes.

The screenshot shows the Magento Admin Configuration interface. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, and System. The main content area is titled "Configuration" and includes a search icon, a notification bell, and a user profile dropdown labeled "user". Below this is a "Store View" section with a dropdown menu set to "Default Config" and a "Save Config" button. The "NEKLO" extension is expanded, showing a list of settings: "Scroll To Top Plugin", "Cron Scheduler", "Logs Monitoring" (highlighted with an orange bar), and "Extensions & Contact". Under "Logs Monitoring", the "GENERAL" section is expanded to show "General Settings". The "Is Enabled" field is set to "Yes". The "Select var/log Error Level to Fetch var/log Data" field is open, displaying a list of error levels: EMERGENCY, ALERT, CRITICAL, ERROR, WARNING, NOTICE, INFO, and DEBUG. A note below the list says "Select Error Level you want to log."

Email Settings

Email settings allow you to configure notifications about new and repeated errors which are accumulated in var/reports and var/log folders in Magento, their recipients and frequency.

Configuration

Save Config

- DASHBOARD
- SALES
- CATALOG
- CUSTOMERS
- MARKETING
- CONTENT
- REPORTS
- STORES
- SYSTEM
- FIND PARTNERS & EXTENSIONS

Scroll To Top Plugin

Cron Scheduler

Logs Monitoring

Extensions & Contact

Email Settings ⌵

Enable Notification [global] 1

Enable Repeated Notification [global] 2

Send Repeated Email in [global] 3

Email Recipients [global]

Email	Action
<input type="text" value="support@neklo.com"/>	
<input type="button" value="Add"/>	

Select var/log Error Level to Send Notification Email [global] 4

EMERGENCY

ALERT

CRITICAL

ERROR

WARNING

NOTICE

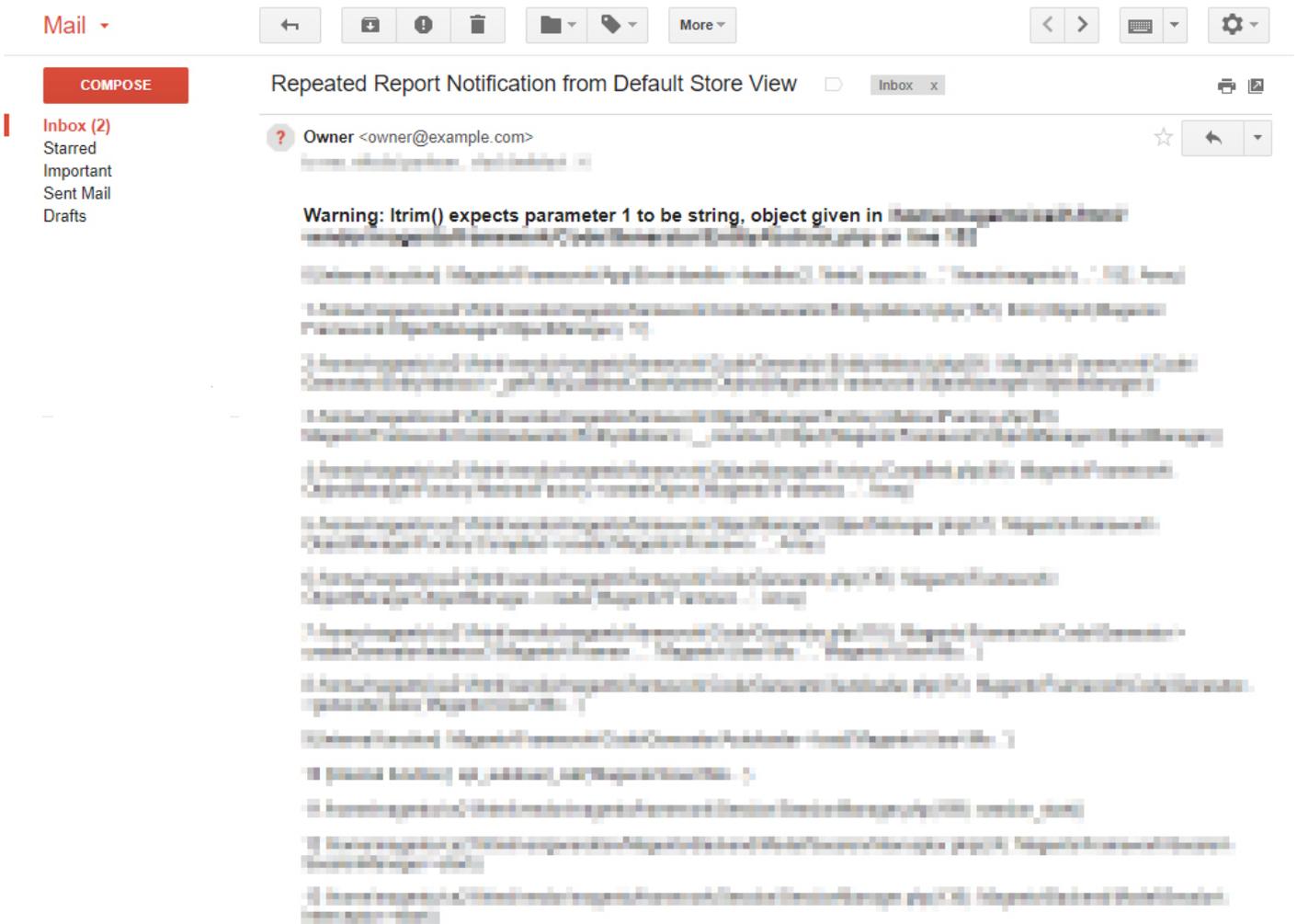
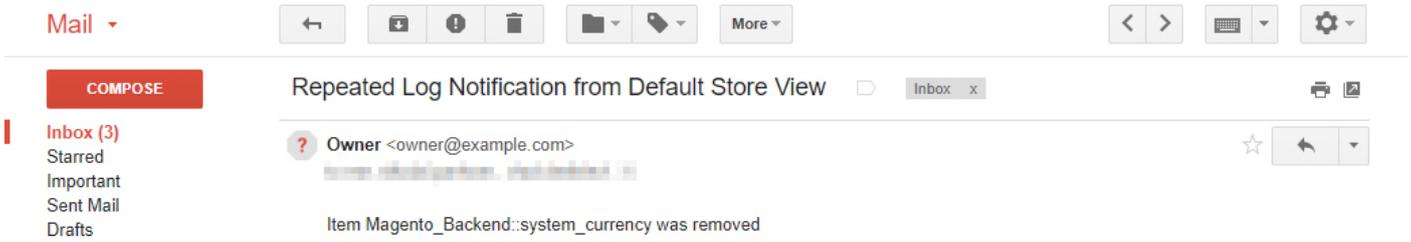
INFO

DEBUG

This multi-select field allows you to mark one or more levels of var/log errors to be notified.

2 You can customize repeated email notifications in the following way:

- If you want to get reminder notifications about the errors after a certain period of time, choose “yes” in the “Enable Repeated Notification”.
- You can set the preferred period of time to get a repeated notification about an error in “Send Repeated Email in” field. By default, the period of time before a repeated notification is send is 7 days.
- Click “Save Config” to apply the changes.



3 You can specify users who will get notifications in “Email Recipients” field:

- To add a new recipient, click “Add” button and enter an email. You can add more than one email.
- To delete the user email you do not want to get notifications, click trash bin icon left of the email field.
- To select one or several levels of errors you want to be notified of, mark them in “Select var/log Error Level to Send Notification Email” multi-select field.
- Click “Save Config” to apply the changes.

4 To select one or several levels of errors you want to be notified of:

- Mark error levels in “Select var/log Error Level to Send Notification Email” multi-select field.
- Click “Save Config” to apply the changes.

Cron Settings

Cron settings allow you to assign time and frequency of cron jobs for managing data in var/report and var/log grids and DB tables:

- 1 "Flush Log Data Table" field allows you to set the frequency for data flush from var/log grid and connected database table. By default, table flush launches once a day.
- 2 In "Archive Log Data Table After Flushing" field you can enable the archiving for var/log data. If enabled, the data from var/log grid will be saved into the separate database table.
- 3 "Flush Archive Log Data Table" field allow you to set the frequency for flushing data from Archive Log Data table.
- 4 In "var/report Folder Data Fetching Frequency" field you can set how often the data from var/report folder should be fetched into extension specific database table.
- 5 "Flush Report Data Table" field allows you to set the frequency for data flush from var/report grid and connected database table. By default, table flush launches once a day.
- 6 If "Remove Report Files After Table Flushing" setting is enabled, there will be specific files removed from var/report folder after var/report grid data flush. Use this option with caution. The destruction of files cannot be reversed.
- 7 Click "Save Config" to apply the changes.



Configuration

7 Save Config

Cron Scheduler

Logs Monitoring

Extensions & Contact

GENERAL ▼

CATALOG ▼

CUSTOMERS ▼

SALES ▼

SERVICES ▼

ADVANCED ▼

Cron Settings ↻

Flush Log Data Table [global]

Archive Log Data Table After Flushing [global]

Flush Archive Log Data Table [global]

var/report Folder Data Fetching Frequency [global]

Flush Report Data Table [global]

Remove Report Files After Table Flushing [global]

Older than one day ▼

Select how often the data from Log table should be flushed.

Yes ▼

If enabled, the data from var/log grid will be saved into the separate database table.

Older than a month ▼

1h ▼

Select how often the data from var/report folder should be fetched.

Older than 3 days ▼

Select how often the data from Report table should be flushed.

No ▼

If enabled, the data from var/log folder will be removed instantly after var/report grid flush. Use this option with caution. The destruction of the files in var/logs and var/reports cannot be reversed.

1

2

3

4

5

6

var/log and var/report grids

To view var/log and var/reports grids, log in to admin panel and go to Reports > Log Monitoring and choose the grid you want to view: var/log or var/report.

Var/log grid reflects data including error ID, file, error type, message, and the time the error was created, updated and notified to email recipients.

var/log

Search by keyword

Filters Export

Actions 24 records found 20 per page 1 of 2

ID	File	Error	Message	Created at	Updated at	Sent time	Count	Action
1	/var/log/system.log	INFO	Broken reference: the 'global_notices' element cannot be added as child to 'global.notices', because the latter doesn't exist	Mar 22, 2018 10:44:39 AM	Mar 22, 2018 10:44:39 AM		1	View
2	/var/log/system.log	INFO	Broken reference: the 'logo' element cannot be added as child to 'header', because the latter doesn't exist	Mar 22, 2018 10:44:39 AM	Mar 22, 2018 10:44:39 AM		1	View

Var/report grid reflects data including the report title, the time it was created, updated and notified to email recipients. To fetch the data into the grid manually, use “Synchronize” button.

var/report

4 report(s) have been added [Synchronize](#)

Search by keyword

Filters Export

Actions 4 records found 20 per page 1 of 1

ID	Title	Created at	Updated at
1	SQLSTATE[HY000] [2002] No such file or directory	Mar 22, 2018 10:53:36 AM	Mar 22, 2018 10:53:36 AM
2	From Header set twice	Mar 22, 2018 10:53:36 AM	Mar 22, 2018 10:53:36 AM

To remove items from the grids:

1. Indicate the items you need to be deleted with a check mark in the first grid column.
2. Click on "Actions" drop down list, and choose "Delete Logs"/"Delete Reports"

var/log

Search by keyword

Filters Export

Created at Updated at Message File

from to from to

Error

Cancel Apply Filters

161 records found 20 per page 1 of 9

	Created at	Updated at	Message	Created at	Updated at	Sent time	
<input type="checkbox"/>	155	/var/log/system.log	INFO	Broken reference: the 'catalog.compare.sidebar' element cannot be added as child to 'sidebar.additional', because the latter doesn't exist	Mar 21, 2018 1:12:23 PM	Mar 21, 2018 2:13:10 PM	Mar 21, 2018 1:12:23 PM

var/report

Search by keyword

Filters Export

Created at Updated at

from to from to

Cancel Apply Filters

3 records found 20 per page 1 of 1

	Created at	Updated at	
<input type="checkbox"/>	from Header set twice	Mar 21, 2018 11:17:41 AM	Mar 21, 2018 11:22:42 AM

Thank you for your installing and using the extension. More our great solutions for Magento and Magento you will find here: store.neklo.com