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.

	Configurati	on			Q		💄 user 🗸
DASHBOARD	Store View: Defau	ılt Config	· 0			Sa	ave Config
SALES							
F CATALOG	NEKLO	^	General Settings				\odot
CUSTOMERS	Scroll To Top Plugin		Is Enabled [global]	Yes	•		
	Cron Scheduler		Select var/log Error Level to Fetch var/log Data	EMERGENCY			
	Logs Monitoring		[global]	ALERT			
	Logo montoring			CRITICAL			
.1	Extensions &			ERROR			
REPORTS	Contact			NOTICE			
7775				INFO			
STORES	GENERAL	\sim		DEBUG			
SYSTEM	CATALOG	~					
	CUSTOMERS	~		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.

Ŵ	Configuration			Save Config
DASHBOARD	Scroll To Top Plugin	Email Settings		\odot
\$ SALES	Cron Scheduler	Enable Notification [global]	Yes 🔹 1	
CATALOG	Logs Monitoring	Enable Repeated Notification [global]	Yes	
CUSTOMERS	Extensions & Contact	Send Repeated Email in [global]	1 day	
MARKETING	GENERAL ~	Email Recipients [global]	Email Action 3	
	CATALOG ~		support@neklo.com	
REPORTS	CUSTOMERS ~		Add	
	SALES ~	Select var/log Error Level to Send Notification Email	EMERGENCY	
\$	SERVICES ~	[global]	ALERT	
SYSTEM	ADVANCED ~		ERROR	
FIND PARTNERS & EXTENSIONS			NOTICE	
			INFO DEBUG	
			This multi-select field allows you to mark	

one or more levels of var/log errors to be notified.

1

Demo frontend: Demo backend:

To enable automatic email notifications of var/report and var/log errors,

- Go to Configuration > Email settings.
- Choose "yes" in the "Enable Notification" field.
- Click "Save Config" to apply the changes.

	Mail 🔹	←	< > = · •
	COMPOSE	New Log Notification from Default Store View	
۱ ,	Inbox (4) Starred Important Sent Mail Drafts Categories	? Owner <owner@example.com> Start: neklo_collect_reports</owner@example.com>	± ★ ▼
	Mail 🔹	← 9 1 № № More ▼	< > = · \$
	COMPOSE	New Report Notification from Default Store View	u – 2
I	Inbox (4) Starred Important Sent Mail Drafts	? Owner <owner@example.com> Warning: Itrim() expects parameter 1 to be string, object given in</owner@example.com>	☆ 🖡 -
+	Categories	and a second second of the second of the second	
		(Deep Tanks) Nagets/Tensors(OppTon/Tender/Tender), Net (Tensor	angentale
		1. An independent of the investment of particular and in the investment of the photos study, No. 2 No. 2	hand the address of the
		2. Second constrained there are interpreted as well for the formula of the latency (Aug 1). In Second Constraints, particular and an experimental and and the second constraints of the latence of the particular second constraints. Second constraints are interpreted as a second constraints.	Augenty/Construction (Constru- gent Construction oper (C
		A design of the second state of the second sta	Aritis printinger by the spect
		(An extra project of the Completence of Cale (Respondence) Completence (Cale (Respondence)) Appendix spectra and a finite completence (Cale (Respondence)) and (Cale (Respondence)).) Reprise controls
		In the two particular from the second strangent of the second strangent the deleting in particular Constitution and a constitution of the particular second strangent of the second strangent strangent of the second stran	input formed
		Characterization in the Excellence and Annual Contribution of a first framework (Contribution of the Contribution of the Co	and in
		¹ In the second se	and Cold Section
		1. An exchange of the first statistic part is a second of the first of the second back set (Fig. 8), they represent is an integration of the second secon	enflanentiskillende.
		University of Appendix Second Cold Consult Activate Facility and Taylor Re-	1
		[1] Standa Kodney, ed., and and participation of the Co.	
		 A service preside the device in great device the last index (any page (20)) one 	(m)_(m)
	No Hangouts contacts	 Summaring the attribute super-standing studies and death super-station pro- linear difference - station 	Negative in a solution with
	<u>- Ind someone</u>	 Interchange (c) Clinical restories gets Assessed Constant Instantionage (pp. CO). May Interceptor - Mark). 	petriliphent Workflowater.
			Augusta for provide the post- tion and the second second second second for an experimental for a second second second for a second second second second second for a second second second second second for a second second second second second second for a second second second second second second second for a second second second second second second second second for a second second second second second second second second second for a second second for a second second for a second secon

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.



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" multiselect 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.
 - Click "Save Config" to apply the changes.

Ŵ	Configuratior	ı			7	Save Config
CASHBOARD	Cron Scheduler	Cron Settings	;			\odot
\$ SALES	Logs Monitoring	Flush Lo	og Data Table	Older than one day 🗸	1	
CATALOG	Extensions & Contact		101	Select how often the data from Log table should be flushed.		
CUSTOMERS	GENERAL	Archive Log Dat	a Table After Flushing [global]	Yes If enabled, the data from var/log grid will be saved into the separate database table.	2	
	CATALOG	✓ Flush Archive Lo	og Data Table	Older than a month	3	
	CUSTOMERS	var/repor	t Folder Data	1h 💌	4	
ıl.	SALES	Fetchii ∽	ng Frequency [global]	Select how often the data from var/report folder should be fetched.		
	SERVICES	✓ Flush Repo	rt Data Table [global]	Older than 3 days	5	
STORES	ADVANCED	~		Select how often the data from Report table should be flushed.		
SYSTEM SYSTEM FIND PARTNERS & EXTENSIONS		Remove Repo T	ort Files After able Flushing [global]	No	6	

Demo frontend: Demo backend:

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	5				С	2		user 🔻
DASHBOARD	Sear	ch by k	eyword	Q			F	ilters	±	Export 🔻
\$ SALES	Acti	ons	▼ 24 records	found	20	• per p	age <		1 of	2
CATALOG		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
CONTENT		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.

0	var/re	port		Q	<u>ب</u>	💄 user 🗸
DASHBOARD	🗸 4 re	port(s) have been added			Syncl	hronize
\$ SALES	Search by I	keyword Q		T Filter	rs 1	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

Both grids are developed using native Magento UI components that let you to export grid records in csv/xml and filter by grid properties. Also, there is an ability to remove records or email them:

- 1. Indicate the items you need to be included in the email with a check mark in the first grid column.
- 2. Click on "Actions" drop down list.
- 3. Choose "Send Email" option and specify the recipients: send to my email (current logged in user's email), another recipient stated in configuration, or all recipients.



4. To open full log or report message, click "View" in the Action column.

Lo	g Info)	Q	<u>۾</u>	💄 use	ar ▼
Gen	eral Info	rmation				
Mes	ssage:	Broken reference: the 'global_notices' element cannot be added as child to 'global.notices exist	', becaus	e the lat	ter doesi	n't
Leve	el:	INFO				
File	:	/var/log/system.log				
Cre	ated at:	Mar 21, 2018, 10:49 AM				
Upc at:	dated	Mar 21, 2018, 11:27 AM				
Sen	it time:	Mar 21, 2018, 10:49 AM				
Cou	unt logs:	3				



CONTENT

REPORTS

SYSTEM

DASHBO

Report Info



Title:	Warning: Error while sending QUERY packet. PID=5512 in
Created at:	Mar 21, 2018, 11:17 AM
Updated at:	Mar 21, 2018, 11:22 AM
Sent time:	Mar 21, 2018, 11:17 AM
Count reports:	2
ack tra	-e.

Preside incognitational encountrible any Devil Definition of physical 1.0 100 A Representation of the second a long might a Christian da long might well an east Albert Christian Christian (Seither) and St. Cont. Ch. Datament 1.04

Demo frontend: Demo backend:

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"

Ŵ	var/log				Q	٠	💄 user 🔻
CASHBOARD	Search by keyword	Q			T Filter	rs 🛓	Export 👻
\$ SALES CATALOG	Created at from	Updated at	M (1111) (1111)	essage	File		•
	Error	to			Car	ncel A	pply Filters
	Actions Send Email	cords found		20 🔻 per page	<	1	of 9 >
REPORTS STORES	Delete Logs	Error Messa	age	og.compare.sidebar'	Created at	Updated ↑ at Mar 21,	Sent time Mar 21,
\$		eleme 'sideb	ent cannot be added a: ar.additional', because	s child to e the latter doesn't exist	2018 1:12:23 PM	2018 2:13:10 PM	2018 1:12:23 PM
	var/report				Q	۰	💄 user 🔻
DASHBOARD	Search by keyword	Q			T Filter	rs 1	Export 🔻
SALES	from	Updated at	ntancta 				
CATALOG	to	to			Ca	ncel A	pply Filters
	Actions Actions 3 reco	rds found		20 🔻 per page	<	1 Created	of 1
	Delete Reports	et twice				at Mar 21, 2018 11:17:41 AM	at 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: <u>store.neklo.com</u>