

# Guide MQ du 27 Septembre 2016



Air France

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## Agenda

- News du monde MQ
- Introduction à Docker (Saad Benachi - IBM)
- Présentation Docker (Hervé Grange - IBM)
- MQ et Docker (Air France)
- Applications « auto-portées » (Mona LY - Société Générale)
- MQ, MQLight et Node.js (Carl Farkas - IBM)
- MQ & IIB sur Pure Application (LM Demey - DC)
- Tour de table, prochaines réunions et sujets 2017




# Fins de support

- WMQ 7.1 : EOS 04/2017
- **WMQ 7.5 : EOS 04/2018**

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# Correctifs / Support

MQ 9.0	Version 9.0.0.0 disponible Fix Pack 9.0.0.1 prévu 4Q 2016
MQ 8.0	Fix Pack 8.0.0.5 disponible (05/2016) Fix Pack 8.0.0.6 prévu 4Q 2016
WMQ 7.5	Fix Pack 7.5.0.6 disponible (03/2016) Fix Pack 7.5.0.7 prévu 3Q 2016 <b>EOS 04/2018</b>
WMQ 7.1	Fix Pack 7.1.0.7 disponible (11/2015) Fix Pack 7.1.0.8 prévu 4Q 2016 <b>EOS 04/2017</b>
WMQ 7.0	Fix Pack 7.0.1.13 disponible (08/2015) Fix Pack 7.0.1.14 prévu 3Q 2016 EOS
WMB 7.0	Fix Pack 7.0.0.8 disponible (11/2015) Fix Pack 7.0.0.9 à venir EOS
WMB 8.0	Fix Pack 8.0.0.7 disponible (04/2016) Fix Pack 8.0.0.8 prévu 4Q 2016 <b>EOS 04/2017</b>
IIB 9.0	Fix Pack 9.0.0.6 disponible (08/2016) Fix Pack 9.0.0.7 prévu 1Q 2017
IIB 10.0	Fix Pack 10.0.0.6 disponible (08/2016) Fix Pack 10.0.0.7 prévu 4Q 2016

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## IBM MQ SupportPacs

No.	Name	Cat	Initial Release	Last Release	New/Updated
<a href="#">MQC75</a>	WebSphere MQ V7.5 Clients	3	18Jun12	02Sep16	<b>Updated</b>
<a href="#">MP18</a>	IBM MQ for z/OS V9.0 Performance Report	2	06Jul16	06Jul16	<b>New</b>
<a href="#">MQ74</a>	WebSphere MQ - Windows PowerShell Library	2	04Dec07	27Jun16	<b>Updated</b>
<a href="#">MPA1</a>	IBM MQ Appliance - Performance Report	2	15Jun15	16Jun16	<b>Updated</b>
<a href="#">MQC9</a>	IBM MQ V9.0 Clients	3	02Jun16	02Jun16	<b>New</b>
<a href="#">MS0T</a>	IBM MQ Explorer	3	26Feb09	02Jun16	<b>Updated</b>

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## IIB SupportPacs

No.	Name	Cat	Initial Release	Last Release	New/Updated
<a href="#">IAMI</a>	WebSphere Message Broker - Node for Log4j	2	18Nov08	31Aug16	<b>Updated</b>
<a href="#">IAMB</a>	IBM Integration Bus Solution for SWIFT FIN Messaging (DFDL Edition)	1	21Oct14	27Jun16	<b>Updated</b>
<a href="#">IA0T</a>	WebSphere Message Broker - SWIFT Solution (MRM)	1	07Aug02	27Jun16	<b>Updated</b>

Category:

- Category 1 - Fee based services
- Category 2 - Unwarranted ("as-is") material
- Category 2 - Performance Reports
- Category 3 - Product extensions
- Category 4 - Third party contributions

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




## MQSC Syntax Highlighter for Atom text editor

- Mise en forme des scripts MQSC
- Suggestion mots-clé
- Windows / Linux / OS X
- Disponible sur Gitub

[https://www.ibm.com/developerworks/community/blogs/messaging/entry/mqsc\\_atom\\_highlighting\\_released?lang=en](https://www.ibm.com/developerworks/community/blogs/messaging/entry/mqsc_atom_highlighting_released?lang=en)

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- IAEST78MI\_base.txt
- IAVA20MI\_base.txt
- IAVA20MI\_queues.txt
- IAVAT70MI\_base.txt
- IAVAT71MI\_base.txt
- IAVAT72MI\_base.txt
- IBRK01\_queues.txt
- IBRK01SJ\_base.txt
- IBRK01SJ\_queues.txt
- IBRK01SS\_base.txt
- IFR101SS\_base.txt
- IFR201SJ\_base.txt
- IKND\_base\_maj.txt
- IMFT01MI\_base.txt
- INT\_assents.txt
- INT\_mqadmin\_full\_100.b
- INT\_mqadmin\_full\_101.r
- INT\_mqadmin\_full\_v70\_1
- INT\_mqadmin\_full.txt
- INT\_mqdevf.mqsc
- INT\_mqdevf.txt
- INT\_mqope.mqsc
- INT\_mqope.txt
- INT\_seb.txt
- INT\_was.txt
- INTLux\_assents.txt
- IOMS01\_queues.txt
- IOMS01LU\_base.txt
- IOMS01SJ\_base.txt

```

1  * Droits des utilisateurs MQ
2  * Environnement : INT
3  * Script INT_mqadmin_full.txt
4  * LM Demeey 05/2015
5
6  * Version 1.0.1
7  *****
8  * Ce script permet aux utilisateurs arrivant via le canal ADMIN_I d'obtenir les droits "full"
9  * sur le Queue Manager
10
11 * Preamble :
12 * Creer sur le serveur le compte 'mq_admin' et le rattacher au groupe 'mqm'
13
14 *****
15 * Creation d'un canal SVRCOMM pour l'administration
16 define channel(ADMIN_I) +
17   chdtype(SVRCONN) +
18   trptype(TCP) +
19   mcauser('%interdit') +
20   sslciph(' ') +
21   replace
22
23 * Activation des Channel Event pour voir les users bloques
24 alter qmgr CHLEV(ENABLED)
25
26 * Assouplissement de la regle par default 'blockuser'
27 SET CHLAUTH(ADMIN_I) +
28   TYPE(BLOCKUSER) +
29   USERLIST('%interdit') +
30   ACTION(REPLACE)
31 * Mapping des comptes de type ADM avec le MCAUSER 'mq_admin'
32 SET CHLAUTH(ADMIN_I) +
33   TYPE(USERMAP) +

```

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## Intégration MQ avec des moniteurs open-source

### MQdev Blog

#### Storing and searching MQ error logs in Elasticsearch

*Matthew Whitehead* | Aug 15 | Comments (4) | Visits (3728) | 6

The Elasticsearch stack is a useful way to store, search and visualise data. If you're not familiar with the ELK stack you may find [this introduction](#) useful. It comprises 3 components:

- Elasticsearch - A distributed search engine based on the Apache Lucene project
- Logstash - a log collection and processing tool
- Kibana - a browser based visualisation tool for displaying and searching log data

#### Sending MQ error logs to the Bluemix Logmet service

*Matthew Whitehead* | Visits (1541)

#### IBM MQ - Further integration with open-source monitors

*Mark E Taylor* | Visits (2323)

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The screenshot shows the Kibana interface with a search query: `localhost:5601/App/kibana#/discover?_g=refreshInterval:(display:10 seconds;pauseIfSelection:1;value:1000);timeFrom:2016-08-12T16:07:11.707Z;mode:visualize`. The chart displays error counts over time, and the table below lists the following error entries:

Time	errDesc	errCode	program	qmgr
August 12th 2016, 17:08:10.478	Qmned Publish/Subscribe Daemon started for queue manager QM1.	AMQ5886	amqfgsub	QM1
August 12th 2016, 17:08:10.673	IBM MQ channel Initiator started.	AMQ8624	runmqchl	QM1
August 12th 2016, 17:08:10.668	The command server has started. ProcessId(24621).	AMQ5024	amqzmgr0	QM1
August 12th 2016, 17:08:10.666	The channel initiator has started. ProcessId(24619).	AMQ5022	amqzmgr0	QM1
August 12th 2016, 17:00:10.663	'IBM MQ Distributed Pub/Sub Publish Task' has started.	AMQ5975	amqzmf0	QM1
August 12th 2016, 17:00:10.668	'IBM MQ Distributed Pub/Sub Fan Out Task' has started.	AMQ5975	amqzmf0	QM1
August 12th 2016, 17:00:10.657	'IBM MQ Distributed Pub/Sub Command Task' has started.	AMQ5975	amqzmf0	QM1
August 12th 2016, 17:08:10.658	The queue manager task 'MULTICAST' has started.	AMQ5951	amqzmc0	QM1
August 12th 2016, 17:08:10.545	The queue manager task 'PRESERVED Q' has started.	AMQ5951	amqzmc0	QM1
August 12th 2016, 17:00:10.543	The queue manager task 'Q-DELETION' has started.	AMQ5951	amqzmc0	QM1
August 12th 2016, 17:00:10.541	The queue manager task 'RESOURCE_MONITOR' has started.	AMQ5951	amqzmc0	QM1
August 12th 2016, 17:00:10.539	The queue manager task 'TRAC-TRFF' has started.	AMQ5951	amqzmc0	QM1

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**MQdev Blog** IBM developerWorks®

<https://www.ibm.com/developerworks/community/blogs/messaging?>




**IBM MQ - Using AWS CloudWatch to monitor queue managers**  
*Mark E Taylor* | Aug 25 | Visits (2555) 6

**Using DRBD to replicate data for a queue manager**  
*John Colgrave* | Sep 13 | Visits (721) 4

**IBM MQ - Using Active Directory for authorisation in Unix queue managers**  
*Mark E Taylor* | Sep 15 | Comments (2) | Visits (1159) 3

**Proof of concept: MQ High availability using Ceph block storage**  
*Rob Parker* | Aug 26 | Visits (1455) 3

**IBM MQ - Using AWS CloudWatch to monitor queue managers**  
*Mark E Taylor* | Aug 25 | Visits (2555) 6


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## Nouveautés MQGem





- MO71 version 9.0.1
- MQSCX version 9.0.0
- Nouveau : MQEdit

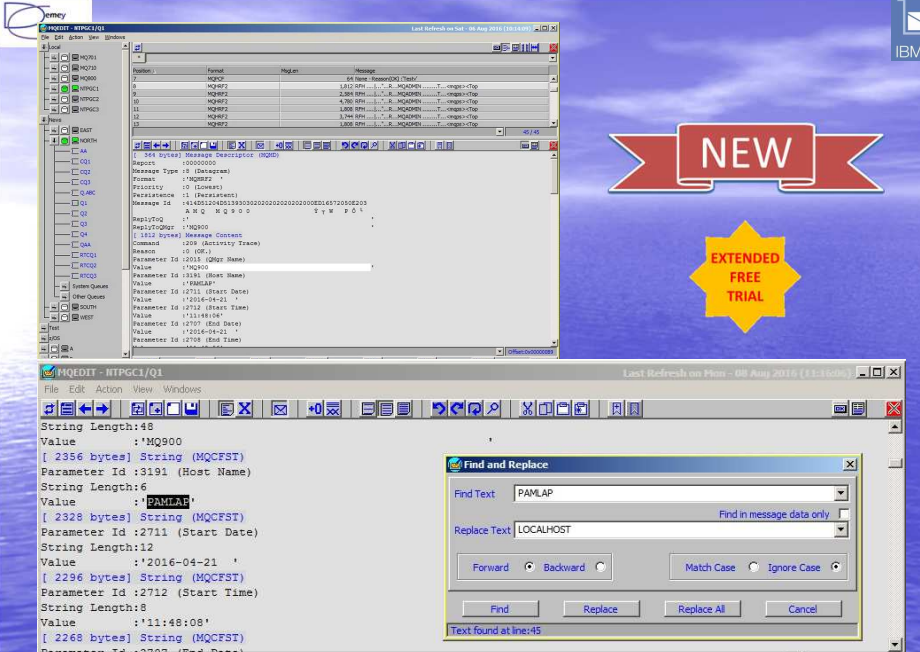
Features include:

- Full live parsing and display of message content
- Editing of either message body or message descriptor
- Editing either in formatted or in hex
- Move or Copy message between queues by drag and drop
- Display different levels of message detail
- Editing supported in a wide range of ASCII and EBCDIC codepages
- Direct editing of big-endian and little-endian messages
- Automatically maintains structure integrity as you edit
- Direct editing of PCF structures, let MQEDIT do all the hard work
- Add and Remove message parts, such as PCF structures effortlessly
- Display hex bytes in predictive text (for example Correl Id content)
- Find and Replace capability
- Full Undo/Redo support
- Full copy/paste support
- Fully configurable colours and fonts
- Bookmark and restore position
- Message list auto-refresh and export and more.....

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## Prochaines réunions

- Planning 2016
  - Mardi 13 Décembre 2016
    - Lieu : BPI
    - Thème : Sécurité MQ
- Planning 2017

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## Guide Share Group MQ

<http://guide.webspheremq.fr/>

**GUIDE Share France – Groupe de travail WebSphere MQ**

Une Association indépendante d'Utilisateurs IBM



Accueil   Prochaines réunions   Réunions précédentes

### Accueil

Bienvenue sur le site du « Groupe MQ » du Guide Share France (GSF)

GSF est une association indépendante d'IBM, qui regroupe les utilisateurs de logiciels et systèmes IBM.

Le groupe MQ rassemble les utilisateurs de IBM MQ (anciennement WebSphere MQ / MQSeries) et IBM Integration Bus (WebSphere Message Broker).

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