



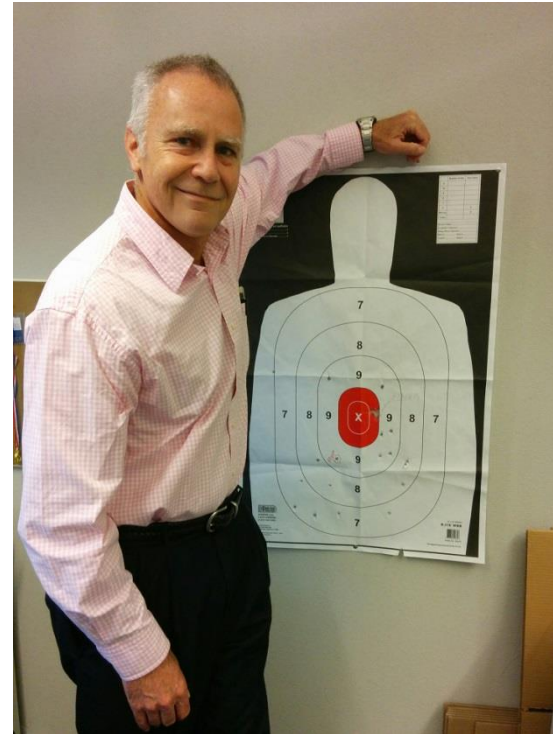
Systems Middleware

Guide Share France Groupe de Travail MQ septembre 2017

Carl Farkas
Pan-EMEA zWebSphere Application Integration Consultant
IBM France D/2708
Paris, France
Internet : farkas@fr.ibm.com

Agenda

- Evènements
- Les blogs
- Mes tests récents MQ z/OS 9.0.3



IBM Conferences featuring MQ z/OS in 2017

<http://www.ibm.biz/zMunich2017>

The screenshot shows the IBM Skills Gateway interface. At the top, there is the IBM logo, a 'Marketplace' button, and a 'Search Learning' field with a magnifying glass icon. Below this is a navigation bar with 'IBM Skills Gateway' and 'Events >'. The main content area features a large blue and teal graphic with the text '2017 IBM z Systems Technical University' and 'IBM z Systems • IBM Storage' at the bottom.

Focus on everything for the mainframe

- 9-13 October, Munich
- Several hundred sessions, including hands-on labs
- MQ z/OS, WAS z/OS, CICS, etc.
- Latest z Systems info, eg. z/OS, RACF, DB2, TSO, RMF, Linux on z

<http://conference.learnquest.com/ctu17/>

The screenshot shows a registration page for the IBM Cloud Technical University 2017 conference. The background features a laptop on a desk with a calendar and a pen. The text on the page reads '10-13 OCTOBER 2017 INTERCONTINENTAL-BERLIN, GERMANY'. Below this, it says 'Take advantage of Early Bird pricing before July 31 and get 12% discount' and includes a 'REGISTER NOW' button. The IBM Cloud logo is in the top right corner.

IBM Cloud Technical University 2017

Formerly IBM WebSphere Technical University

Focus on IBM Cloud solutions

- 10-13 October, Berlin
- Several hundred sessions, including hands-on labs
- MQ (all platforms), WAS, DataPower, API Connect, etc.
- Latest cloud technologies

z Systems Technical University (draft)

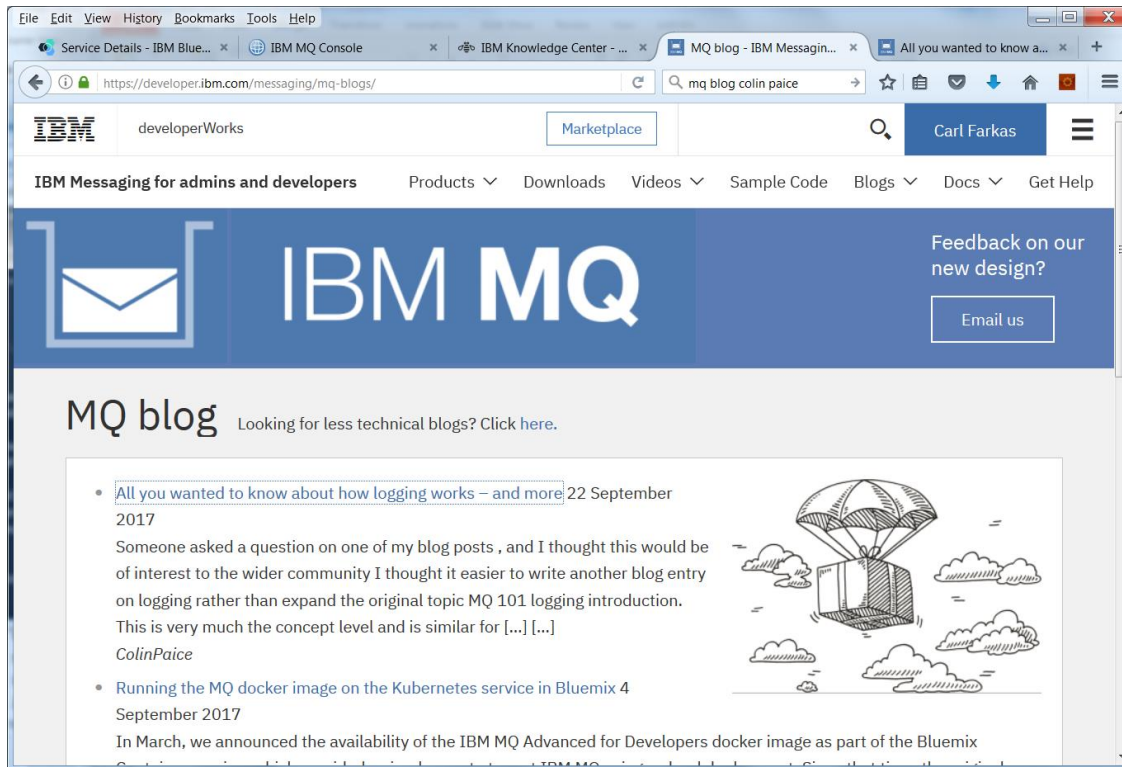
- Looking after MQ with the new MQ Console and the new MQ administration REST API
- What's new in the messaging family - MQ v9 and more
- z/OS Connect for MQ
- Introduction to IBM MQ
- IBM MQ for z/OS Setup and Basic Configuration
- Using IBM Urban Code Deploy to define queues and channels on to target IBM MQ for z/OS environments
- Using IBM z/OSMF cloud provisioning to rapidly stand-up MQ for z/OS queue managers and local queues
- IBM MQ for z/OS Labs - Basic: Setting Up Queue Manager, Advanced: File Transfer, AMS

CTU MQ sessions 2017 (draft)

- IBM Message Hub: Cloud-Native Messaging
- Deploying and Managing IBM MQ in the Cloud
- IBM MQ Appliance
- IBM MQ messaging in the Hybrid Cloud
- New Tools and Interfaces to Manage IBM MQ
- Rethinking IBM MQ for the Cloud
- What's new in IBM Messaging?
- What's new in IBM Integration Bus?
- Using the Application Integration Suite to join the API Economy
- Winning the Cloud Architecture battle with IBM Messaging
- Transforming to a Hybrid Integration Platform

MQ Blogs – de plus en plus d'info

<https://developer.ibm.com/messaging/mq-blogs/>



File Edit View History Bookmarks Tools Help

Service Details - IBM Blue... x IBM MQ Console x IBM Knowledge Center - ... x MQ blog - IBM Messagin... x All you wanted to know a... x

https://developer.ibm.com/messaging/mq-blogs/

mq blog colin paice

IBM developerWorks Marketplace

Carl Farkas

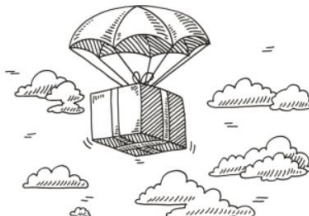
IBM Messaging for admins and developers Products Downloads Videos Sample Code Blogs Docs Get Help

Feedback on our new design? Email us

MQ blog

Looking for less technical blogs? Click here.

- [All you wanted to know about how logging works – and more](#) 22 September 2017
Someone asked a question on one of my blog posts , and I thought this would be of interest to the wider community I thought it easier to write another blog entry on logging rather than expand the original topic MQ 101 logging introduction. This is very much the concept level and is similar for [...] [...]
ColinPaice
- [Running the MQ docker image on the Kubernetes service in Bluemix 4](#) September 2017
In March, we announced the availability of the IBM MQ Advanced for Developers docker image as part of the Bluemix
Colin Paice



- Nouvelles fonctions
- Perf & tuning
- Internes
- Goodies
- Etc

IBM broke the MQ stash

- IBM a changé récemment le format du fichier “stash” (contient le mot passe pour votre fichier des certificats SSL, géré par IBM Key Management)

- Très bon article écrit par T-Rob

<https://t-rob.net/2017/07/28/dude-ibm-broke-my-stash/>

Note: pour bien apprécier il vaut mieux être né avant 1965 et avoir vu le film *Ca chauffe au Lycée Ridgement*.

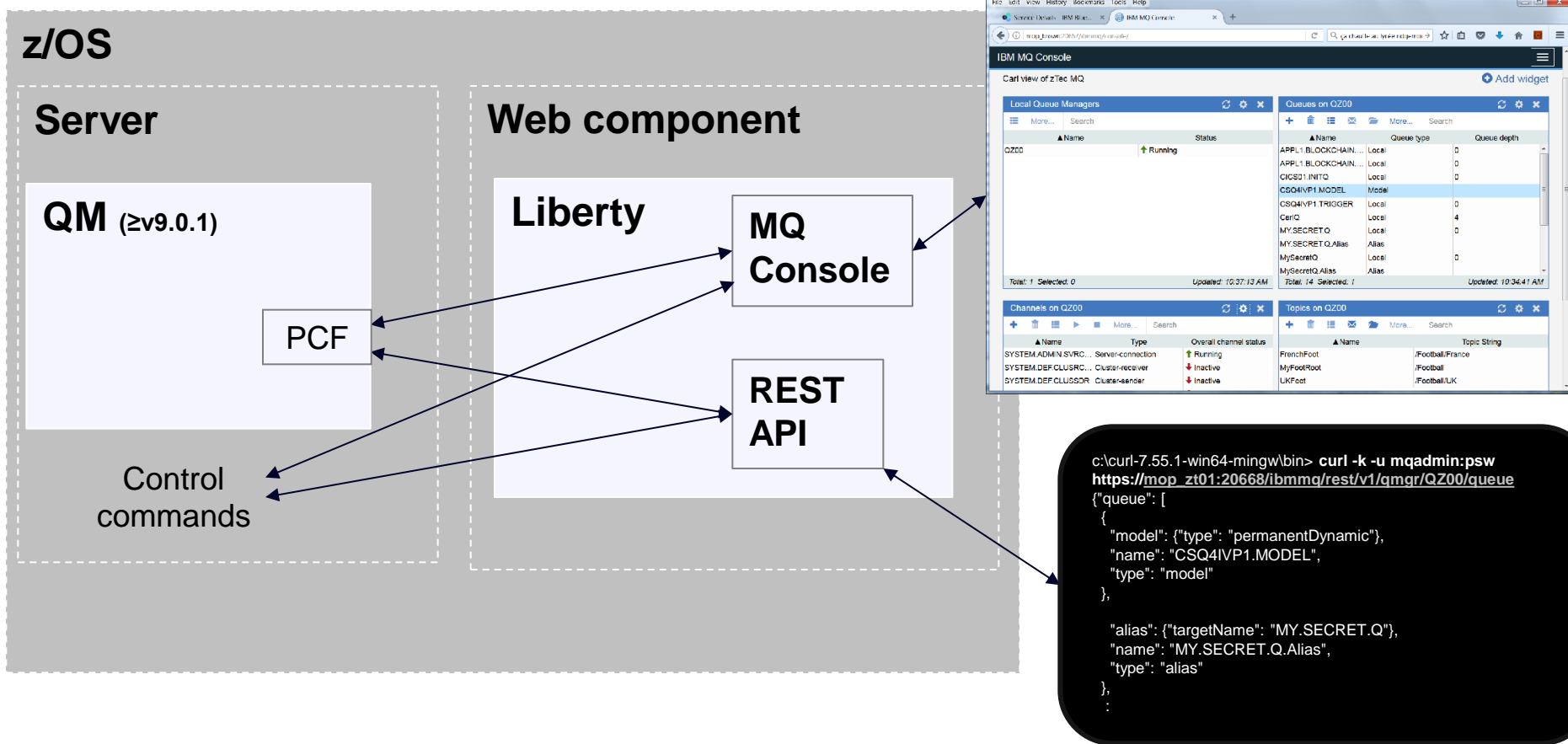
- Morales de l’histoire :

- Il ne faut éviter de réutiliser les mots de passe, et surtout pas mélanger les mots de passe « interactifs » (que vous tapez) et « opérationnels » (que les applications exploitent depuis un fichier).
- Il vaut mieux utiliser un générateur de mot de passe pour les mots de passe « opérationnels ».
- Il faut protéger ces fichiers avec des moyens classiques de votre système d’exploite



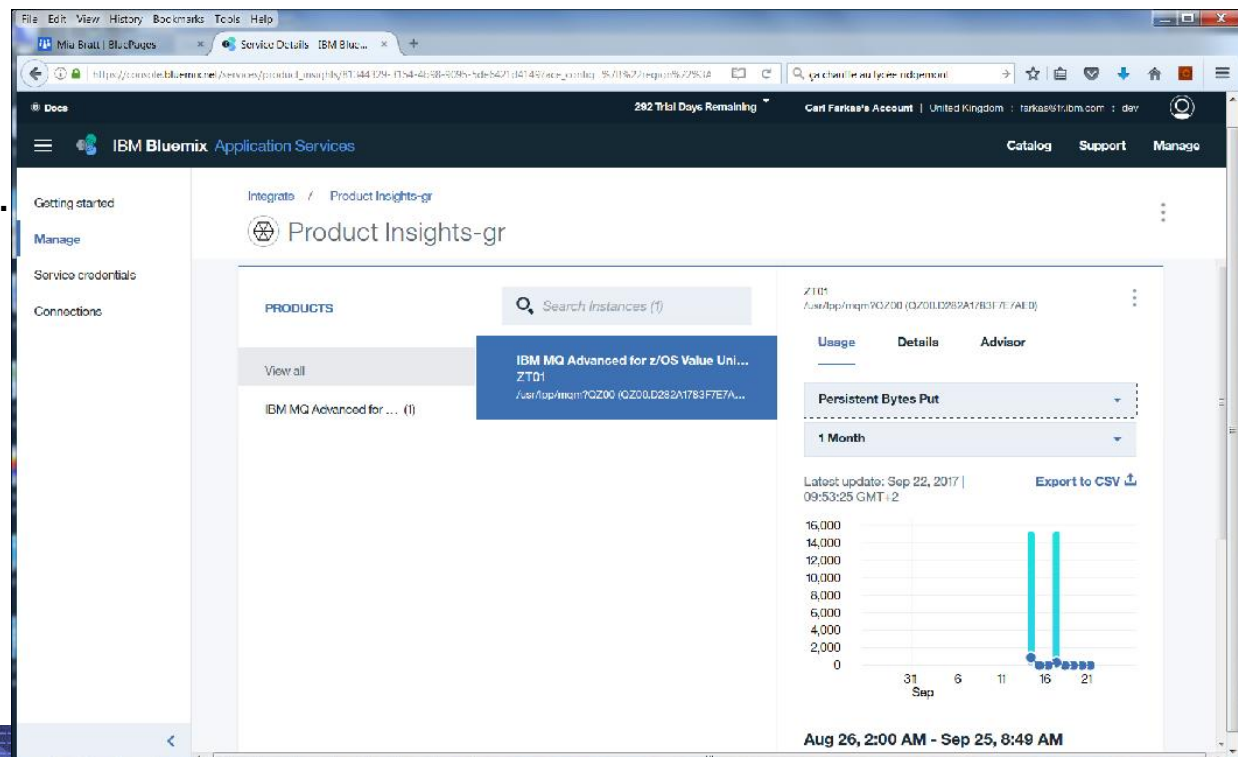
MQ v9.0.3 z/OS A few tests – MQ Console (& REST API)

- What is it? “zero footprint” MQ Admin interface via HTTP REST (GUI & API)
- A few hours work... if you know Liberty z/OS
- See KC [q127580](#) for overall instructions and for z/OS config, see tasks 27 & 28

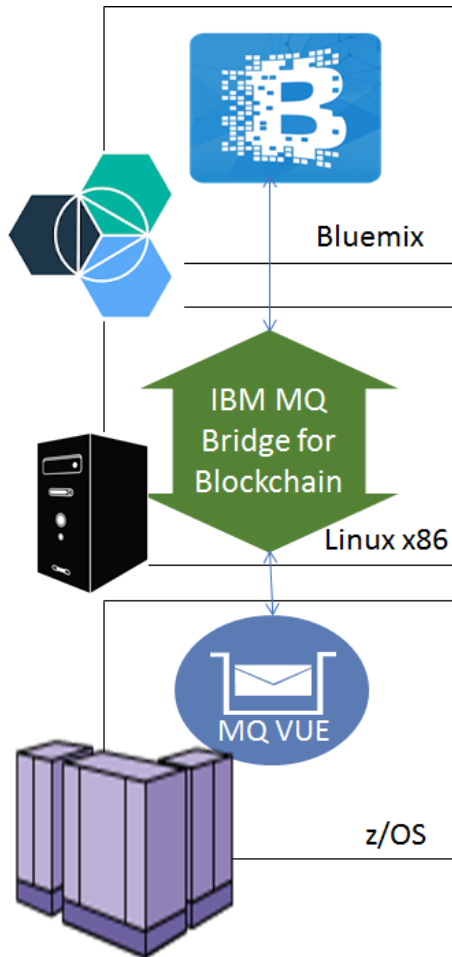


MQ v9.0.3 z/OS A few tests - MQ Insights connector

- What is it? Extracts basic QM statistics (eg. QM id, version, bytes and messages PUT, GET every 30 minutes, etc) and sends info to IBM Cloud Product Insights service in IBM Bluemix
- (relatively) Easy to configure and get going... a few hours (?) of work
 - [q129972](#) Set up Bluemix service and get certificates
 - [q129974](#) Update queue manager config (eg. Security definitions, product ID, SMF)
- The KC is missing a few “hints” if you want to enable this from z/OS. Give me a call. (I’ve sent in KC updates)

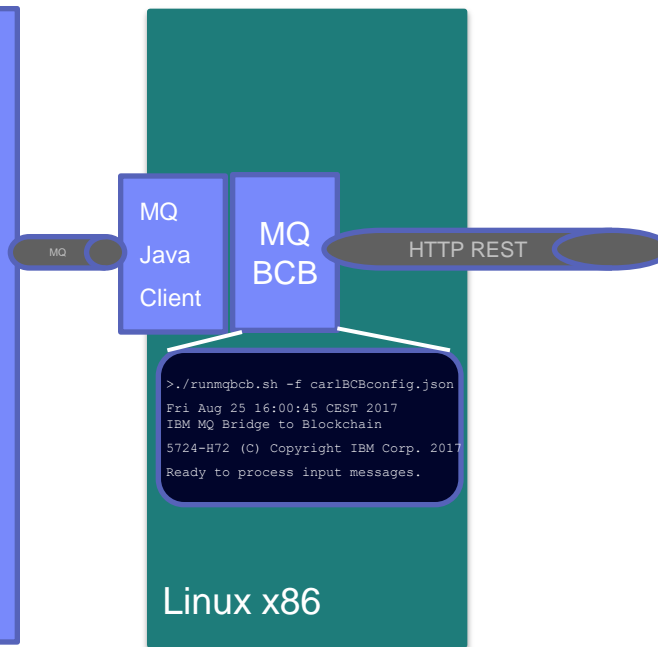
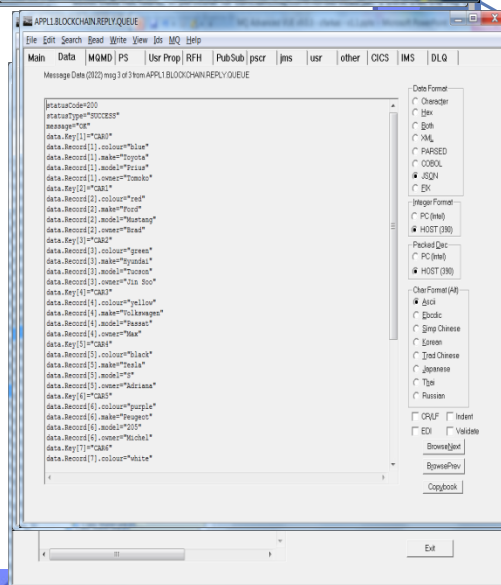
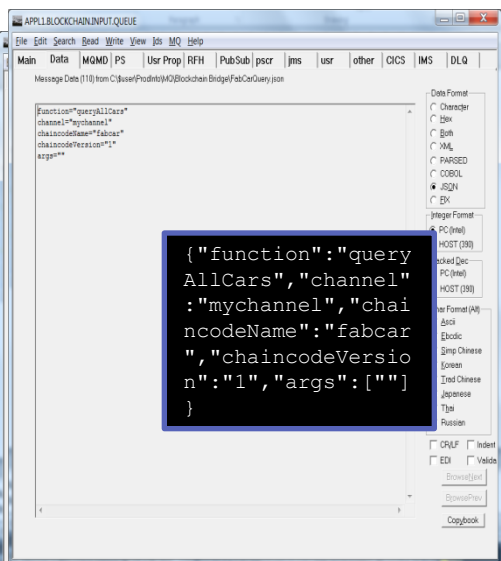


MQ v9.0.3 z/OS A few tests - MQ Blockchain Bridge



- What is it? A gateway between MQ and Blockchain
- Bridge restrictions *today*...
 - QM z/OS v9.0.3 with MQ Advanced VUE *only*
 - Bridge runs on Linux x86 *only*
 - Connects to Blockchain HSN on IBM Bluemix *only*
 - Blockchain queries *only* (no update... yet)
- Configuration
 - Documented at KC [q130150](#)
 - A few ... euh... minor issues still in v9.0.3. Give me a call if you're planning on using it today.

Running a MQ Blockchain Bridge test



Linux x86



Bluemix

```

{"statusCode": 200,
 "statusType": "SUCCESS",
 "message": "OK",
 "data": [
   {"Key": "CAR0",
    "Record": {
      "colour": "blue",
      "make": "Toyota",
      "model": "Prius",
      "owner": "Tomoko"
    }
  ]
}
  
```