CICS BEP & WBI MB demo

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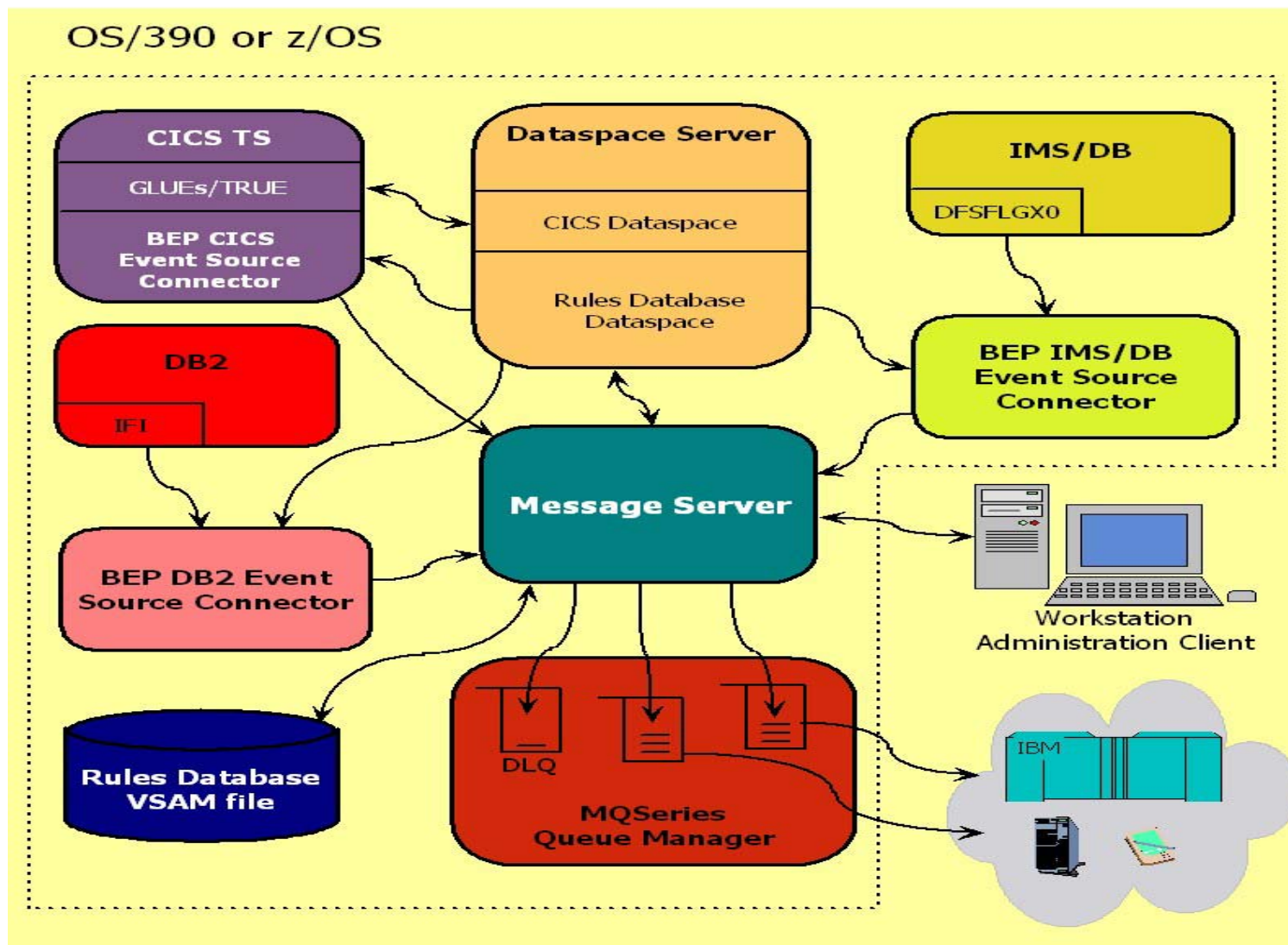Notes : Carl Farkas/France/IBM @ IBMFR

CICS BEP - introduction

- Détecter des évènements en CICS (ou DB2 ou IMS/DB !)
  - Manière non intrusive pour exploiter d'avantage vos applications
  - Utilisation des journaux
  - Peu de consumation de CPU
- Fournir des données concernant l'évènement en forme de message MQ
  - Le « bus » universel pour profiter des informations
  - Traitement des évènements totalement découplé
  - Options pour déterminer les champs à transmettre, la file, gestionnaire de file, priorité, transactionalité, etc.
  - Hélas, peu de souplesse pour le formatage des données…

Ça serait génial si l'on a un outil pour adapter le message !

Architecture BEP

OS/390 or z/OS

CICS TS
GLUEs/TRUE
BEP CICS Event Source Connector

Dataspace Server
CICS Dataspace
Rules Database Dataspace

IMS/DB
DFSFLGX0

DB2
IFI

BEP IMS/DB Event Source Connector

Message Server

BEP DB2 Event Source Connector

Workstation Administration Client

Rules Database VSAM file

DLQ

MQSeries Queue Manager

IBM

BEP Configuration

Build Custom Message Layout for RU...

Current Message Layout

Field Name/Type
Resource Data
NUMB
NAME
ADDRX
PHONE
AMOUNT

Move Up in Layout

Move Down in Layout

Datamap Fields

Level	Field name
01	BEP-DUMMY-01
02	FILEREC
03	STAT
03	NUMB
03	NAME
03	ADDRX
03	PHONE

Add to Layout

Fields by Offset/Length

Get Data From   Offset   Leng

Resource Data   0

The current rule is RULE1

File   Help

Save   Cancel   Clear   User ID   Set Host   Help

CICS Business Event Publisher for MQSeries

| Rule Type | Selection Criteria | Message Options | **MQPUT Options** | Return Options |
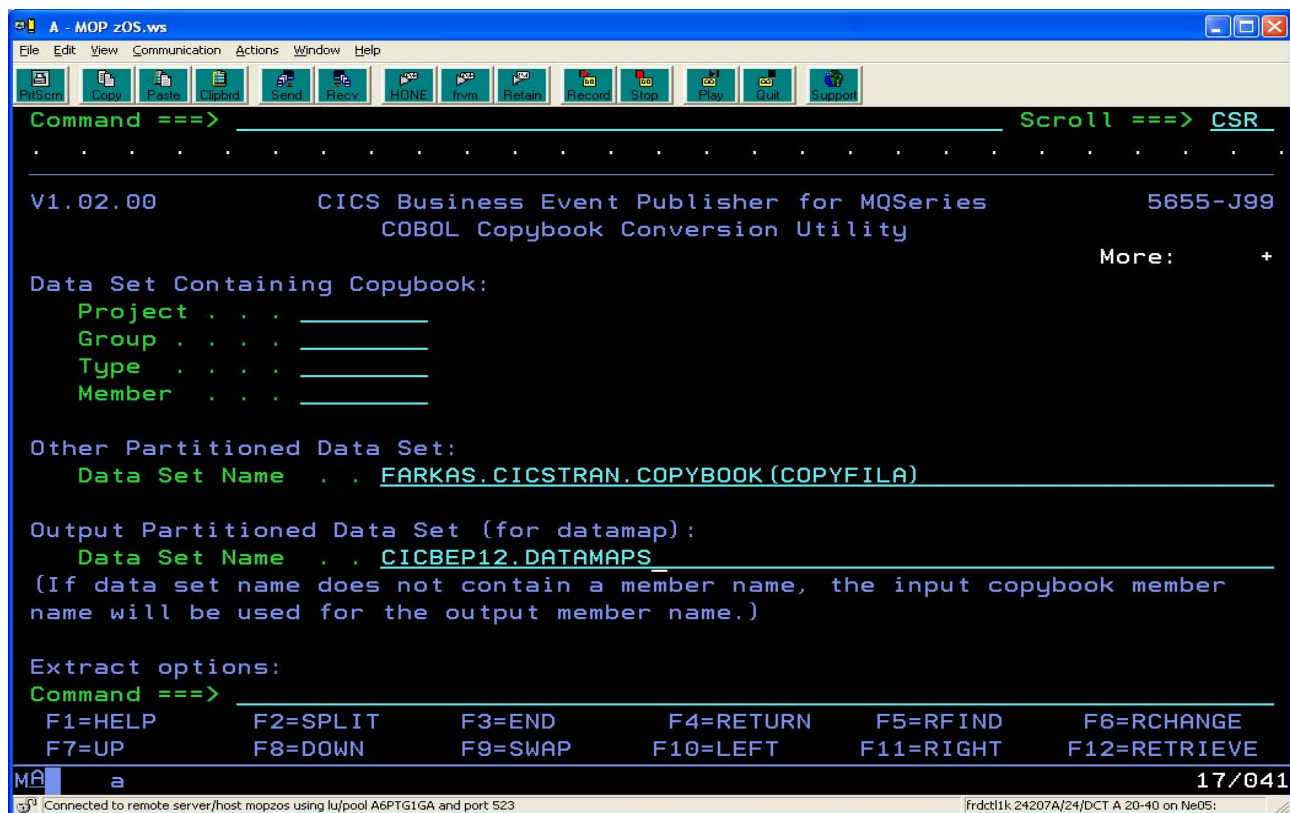
Queue Name

◉ Enter a Static Queue Name Here   `BEPQ`

○ Use a Dynamic Queue Name   Define the Layout for a Dynamic Queue Name...

Queue Manager Name

◉ Enter a Static Queue Manager Name Here

○ Use a Dynamic Queue Manager Name   Define the Layout for a Dynamic Queue Manager Name...

Specify Message Descriptor Options (MQMD_*)

Specify Put Message Options (MQPMO_*)

Datamap download complete.   Host: mopzos:51577   CP: French - 1147   Normal Mode

☑ DELETE
☐ UNLOCK

CICS BEP - Configuration

- Use CLIST CBMCCDMP to create "data map" from a COPYBOOK accessible from BEP
  - Import COPYBOOK into WBI MB for mapping

BEP message réception sur WBI Message Broker

Transformation en XML

Architecture démonstration