

## Tutorial Continuous Delivery z/OS

### 1) Criar tabelas: AGNALDO.BECOME.JOBS(XMLCRETB)

MYCUST

Column Name	Col No	Col Type	Length
ID	1	INTEGER	4
TRANS	2	INTEGER	4
MSG_TYPE	3	VARCHAR	20
MSG_TXT	4	XML	14
LAST_UPDATED	5	TIMESTAMP	10
DB2_GENERATED_DOCI	6	BIGINT	8

MYCUST\_HIST

Column Name	Col No	Col Type	Length
ID	1	INTEGER	4
NAME	2	VARCHAR	25
CITY	3	VARCHAR	25
STREET	4	VARCHAR	25
LAST_UPDATED	5	TIMESTAMP	10

### 2) Populate MYCUST: AGNALDO.BECOME.JOBS(XMLINSRT)

MYCUST

ID	TRANS	MSG_TYPE	MSG_TXT
1000	1000	address	<?xml version="1.0" encoding="IBM037"?>
1002	1002	address	<?xml version="1.0" encoding="IBM037"?>
1003	1003	address	<?xml version="1.0" encoding="IBM037"?>
1004	1004	address	<?xml version="1.0" encoding="IBM037"?>

MYCUST\_HIST is empty

### 3) Test MERGE: AGNALDO.BECOME.JOBS(XMLMERGE) – Notice data from source MYCUST will be casted into MYCUST\_HIST

ID	NAME	CITY	STREET	LAST_UPDATED
1000	Kathy Smith	Toronto	5 Rosewood	2020-06-03-10
1002	Jim Noodle	Markham	25 EastCreek	2020-06-03-10
1003	Robert Shoemaker	Aurora	1596 Baseline	2020-06-03-10
1004	Kathy Smith	Nova Odessa	Rec. Fazenda, 1	2020-06-03-10

### 4) Test SQL NATIVE PROCEDURE to exploit MERGE, AGNALDO.BECOME.JOBS(XMLPROC). We would receive the following errors as per each scenario.

APPLCOMPAT					
Senario	ZPARM	PLAN/PACKAGE	DYNAMIC SET	TAKEN	SQLCODE
1	V11R1	V11R1	None	V11R1	-4743
2	V11R1	V12R1M500	None	V11R1	-4743
3	V11R1	V12R1M500	V12R1M500	V12R1M500	0
4	V12R1M500	V11R1	None	V12R1M500	0
5	V12R1M500	V12R1M500	V12R1M500	V12R1M500	0

**Test Scenario:** Run program to create new Stored Procedure that exploit new SQL MERGE capability available with FL 500 with Db2 V12.

**Observations:** Db2 Admin does not override FL default  
V12R1 is the same as V12R1M500  
V11R1 is the same as V12R1M100