

Exception message flows

Introduction

Exception message flows are business validation errors that are received from Dubai Customs (DC) and need to communicate back to E-commerce companies who have submitted the request.

Components

Dubai customs - Sends business validation error via Fabric Adapter

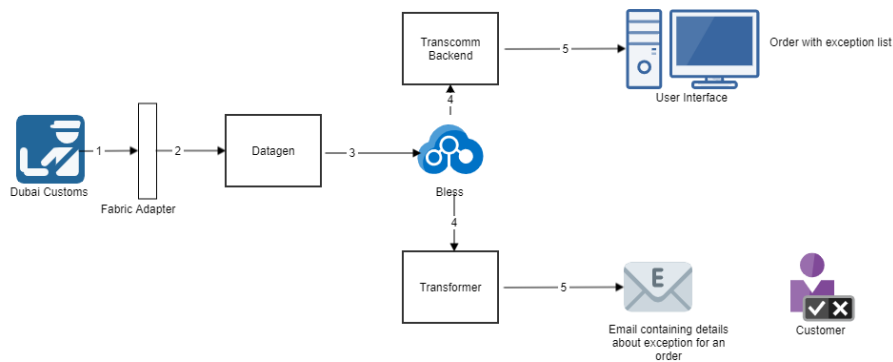
Datagen - Receives messages from DC and forward to Bless

Bless - Messaging platform to validate and process messages

Transcom Backend - Application database which will store exception-based order messages.

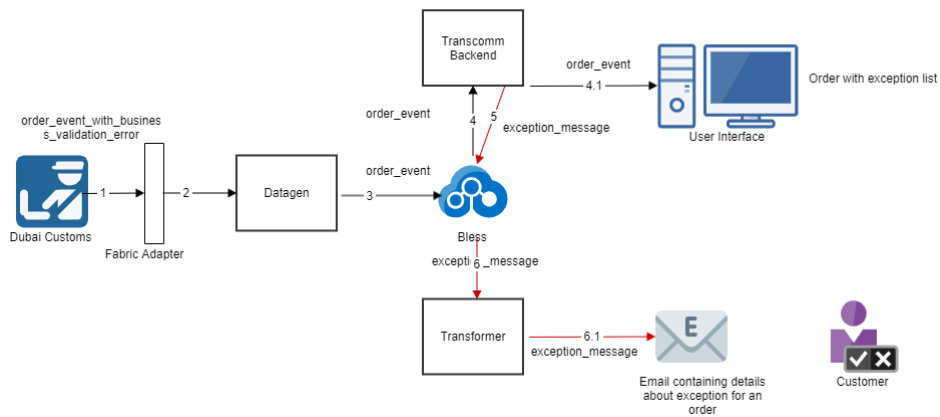
Transformer - Forwarding application which received a message from Bless and notifies customers via email.

High-level interaction



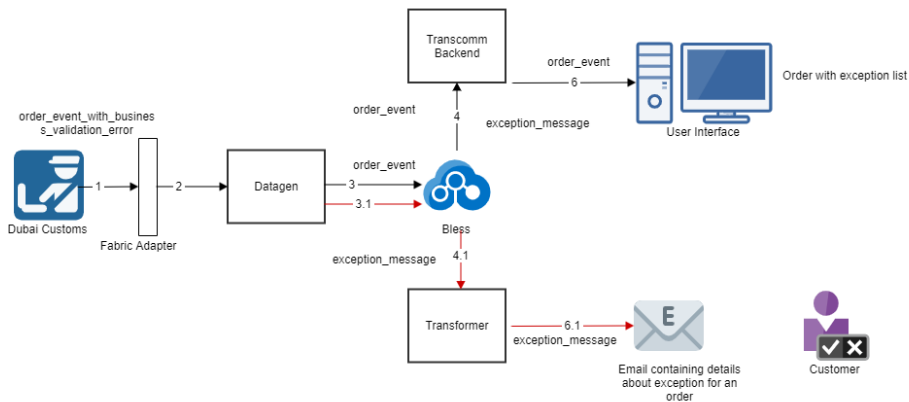
Current Exception flow design: Transcomm backend as Data source

Transcom backend act as datagen for exception message which creates a new message and send to bless making Transformer as recipient.



Not in Use - Suggested flow design : Datagen as a source for exception

Transcom datagen act as data generating app for exception message which creates a new message and send to bless making Transformer as the recipient.



Valid message Format

```

{
  "id": "b5bea59a32781d2de35c6ce5ac82c6556cc656e592d80d65afe394c3ea857927",
  "msgType": "ROR",
  "payloads": [
    "eyJib2R5Ijp7InJvckNhcmRpbmFsaXR5RmllbGRzIjp7InJhdGVVSZXF1ZXN0TnVtYmVyljoiZGV2Z  

    WxvcGVyMzBfMzBfNGZmZjRjODMtOGU1ZC00YWl5LTgwYjYtNWl5YTZiYmY5MmE1Iiwic3Rhd  

    HVzIjoiTmV3In19fQ"
  ],
  "audience": "DHL",
  "receivers": {
    "secondary": [],
    "primary": [
      "DHL"
    ]
  },
  "primary": true,
  "applicationId": "DHL-TESTAPP",
  "sender": "PARTNER_DATAGENAPP",
  "issueTimeFLag": true,
  "f3": "vc_id"
}

```

Note: Transformer needs to be configured as a forwarding application.