# INT0001.Ladok2.Events operations instructions

Background

Ladok2 events are fetched from Ladok SQL staging table and transformed to Ladok3 events.

General

This solution is composed of mostly requests to MS SQL and MySQL the most errors will probably come connectivity issues.

### Preliminary check

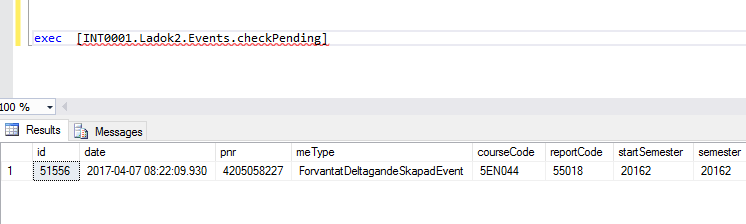
Follow the steps in General operations guidelines.docx before doing any other investigation

## Issues that could occur

### New ladok2 events are expected but none are produced

### Pre-check, Make sure no suspended message(s) exists. Previous events are sometimes required to have been sent successfully before any more messages can be sent.

1. Run sql statement exec [INT0001.Ladok2.Events.checkPending] to see if any pending updates exists.   
   Pending updates means messages that have been sent out but where an acknowledgment has not yet been received.   
   If the sql statement returns more than 0 records and no suspended messages exists, that belongs to the INT0001.Ladok2.Events application , then something has gone wrong with the acknowledgment update.   
     
   In the example bellow a person with id 4205058227 has a pending update.



1. Check AKKA in the case of a pending update and if no Ladok2 message is suspended in BizTalk. If the person does not exist in AKKA run the statement below and the event will be processed again.

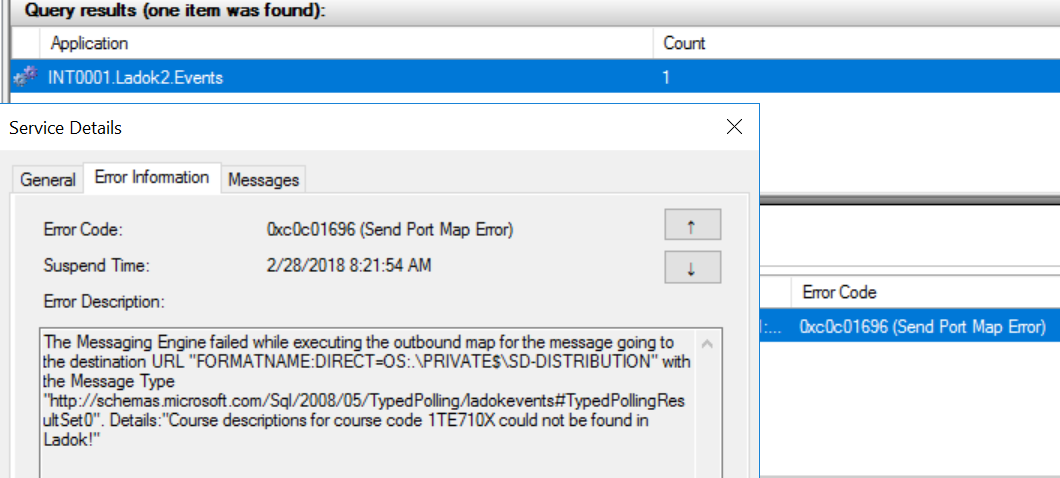
exec [INT0001.Ladok2.Events.openPending] @Id=51556

As you can see the input corresponds to the Id retrieved when running statement checkPending.

Mapping error for KurstillfalleTillStatusEvent

**Error**

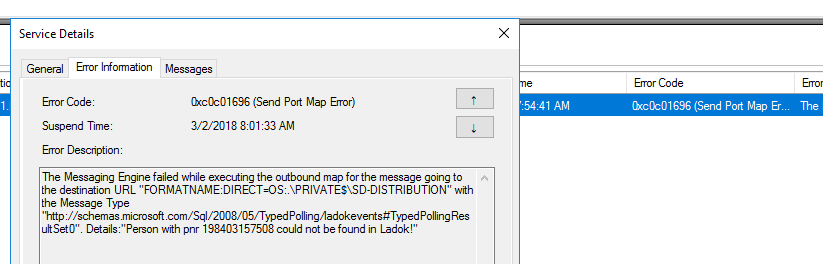
Course descriptions for course code [courseCode] could not be found in Ladok! Meaning course description does not exist in Ladok.

  
  
**Solution**  
Contact person at Ladok support and make sure descriptions are created in Ladok.  
After descriptions have been created in Ladok resume suspended message(s).

Mapping error for RegistreringEvent and OmregistreringEvent

**Error**

Person with pnr [pnr] could not be found in Ladok! Meaning student does not exist in Ladok.



**Solution**  
Contact person at Ladok support and check why person does not exist in Ladok.

Resume after the issue is fixed.

General mapping error for RegistreringEvent, OmregistreringEvent and KurstillfalleTillStatusEvent

**Error**

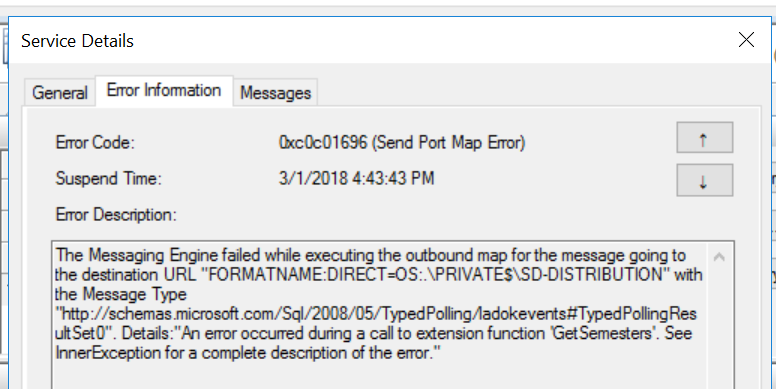
Mapping stopps with an general exception without any specific Error other than the function that caused the Error

The function can be any of the following

GetSemesters

GetFullname

GetCourseDescriptions



**Solution**

The cause is in most cases a connectivity issue with Ladok MySql.

Contact person at Ladok support to see if there are any issues.

Resume after the issue is fixed.