

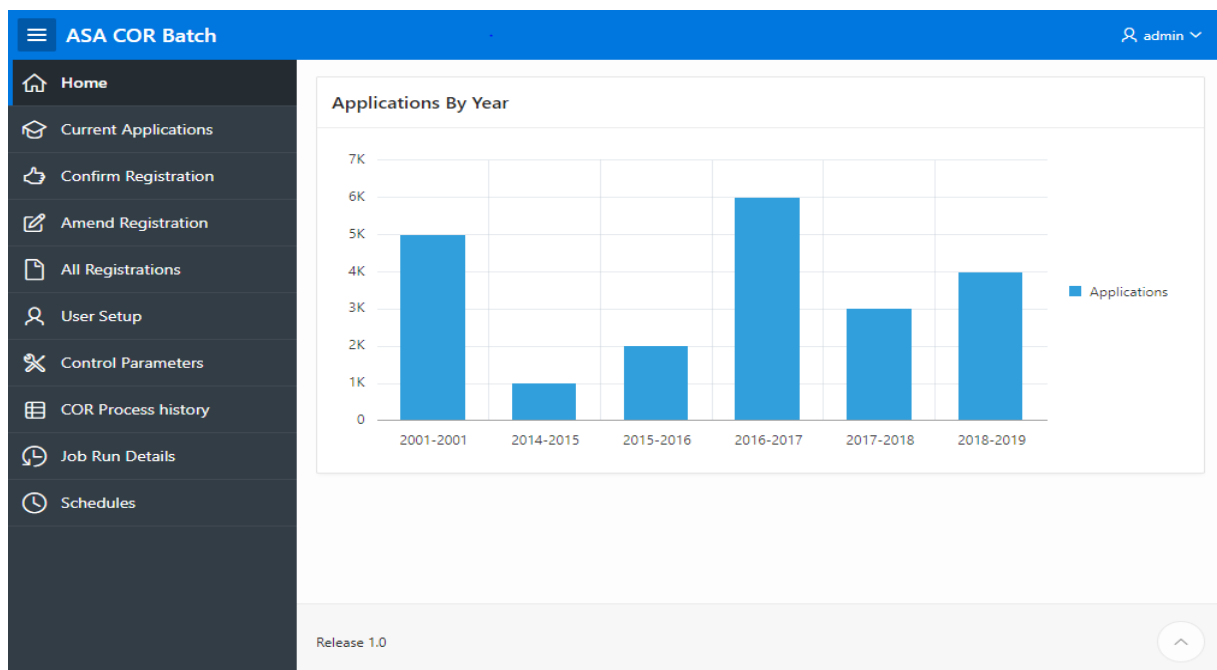
ASA COR Batch Bridge User Guide

November 11, 2019

Product Overview

Batch Procedure via Automated Web Service

This software is to bridge the gap between the ASA COR web service and the Education Institution system by providing an integration point that can easily be set up. This bridge software provides an easy UI to carry out all the tasks necessary from Confirmation of Registration to amend registration to submit remittance request.



The Educational Institution is expected to comply with the technical requirements which include completing a Certification Process that includes compliance with predefined schemas associated with each information exchange activity/COR Process.

These are covered in the document titled "Guidelines to Support Automated Confirmation of Registration" under the section "Part II Guidelines (Technical Requirements COR Batch)".

Please contact Student Aid for more information.

Installation

1. Pre Requisites

Minimum 15G disk space

Docker version 19.03.4 or later

Docker-Compose 1.24.1 or later

2. Download ASA COR Bridge software (Please contact support@saaslogic.net)

3. Copy the downloaded software into /opt/

4. `tar -xvf asacor.tar.gz`

5. `cd asacorweb`

6. `docker-compose up -d`

Note: if you want to install to a different folder or to use a different port number please modify the docker-compose.yml to make those changes before running docker-compose.

This may take a few minutes for the application to start up and so please be patient.

7. Once the installation is completed got to the following url to access the application and setup the SA web service URL and login credentials.

`https://<host>:8443/asacor/f?p=100:1`

Setups

Login to the ASACOR application and click on “Control Parameters” link and enter the webservice URL and the credentials. You can also set up the email notifications on this screen.

The screenshot displays the 'Control Parameters' configuration page in the ASA COR Batch application. The page features a sidebar with navigation options and a main content area with a table of parameters. The 'Error notification Email' parameter is currently selected.

	Description	Value
<input checked="" type="checkbox"/>	Error notification Email	<Update Me>
<input type="checkbox"/>	COR support Email	<Update Me>
<input type="checkbox"/>	Web Service Password	7E37297F2A52262C6E1FD33C20D5089A71C1DB5DBD8885498E03B578FD...
<input type="checkbox"/>	Web Service URL	https://google.com
<input type="checkbox"/>	Web Service User Name	<Update Me>
<input type="checkbox"/>	Delimiter to be used for inbound and outbound files	
<input type="checkbox"/>	Delay remittance request by number of days	0
<input type="checkbox"/>	SMTP server	-
<input type="checkbox"/>	SMTP server port	25
<input type="checkbox"/>	Wait time in seconds before submitting remittance	1800

Integration

System produces 3 output files for the Educational Institution to use.

Please refer Student Aid documentation for more information about each field displayed in these files. System uses 2 input files which will be transformed and submitted to Student Aid.

Output Files

1. /opt/asacordb/corout/correquired.dat
This file contains all the student applications that currently requires confirmation.
2. /opt/asacordb/corout/cordisbp.dat
This file contains disbursement periods and the maximum remittance amounts.
3. /opt/asacordb/corout/cordisbd.dat
This files contains disbursement types and amounts.

Confirmation Of Registration Required

Filename : correquired.dat

Folder : /opt/asacordb/corout

Format : delimited

Field Name	Field Type	Field Length (CHAR)
Fund Year	Character	9
Student ID	Character	30
ASN	Character	30
Birth Date	Character	YYYY-MM-DD
Last Name	Character	50
First + Given Name	Character	50
Program ID	Character	20
Display ID	Integer	

Disbursement Periods

Filename : cordisbp.dat

Folder : /opt/asacordb/corout

Format : delimited

Field Name	Field Type	Field Length (CHAR)
Fund Year	Character	9
Student ID	Character	30
ASN	Character	30
Birth Date	Character	YYYY-MM-DD
Last Name	Character	50
First + Given Name	Character	50
Program ID	Character	20
Display ID	Integer	
Disbursement Perios ID	Character	36
Total Loan Amount	Number	
Maximum Tuition Remit Amount	Number	
Current Amount	Number	

Disbursement Details

Filename : cordisbd.dat

Folder : /opt/asacordb/corout

Format : delimited

Field Name	Field Type	Field Length (CHAR)
Display ID	Number	
Disbursement Type	Character	10
Disbursement Amount	Number	
Disbursement Date	Character	YYYY-MM-DD
Disbursement Description	Character	100

Input Files

1. /opt/asacordb/corout/cor.dat

This file contains the student records that needs to be confirmed.

2. /opt/asacordb/corout/subremit.dat

This file contains the remittance request.

Confirm YES

Filename : cor.dat

Folder : /opt/asacordb/corin

Format : delimited

Field Name	Field Type	Field Length (CHAR)
Fund Year	Character	9
Student ID	Character	30
ASN	Character	30
Birth Date	Character	YYYY-MM-DD
Last Name	Character	50
First + Given Name	Character	50
Program ID	Character	20
Display ID	Number	

Submit Remittance Request

Filename : subremit.dat

Folder : /opt/asacordb/corin

Format : delimited

Field Name	Field Type	Field Length (CHAR)
Display ID	Number	
Disbursement Period ID	Character	36
Disbursement Amount	Number	

You can set up a schedule to run the batch process at a specified time.

The screenshot displays the 'ASA COR Batch' application interface. The top navigation bar is blue with a menu icon and the text 'ASA COR Batch'. On the right side of the bar, there is a user profile icon labeled 'admin' with a dropdown arrow. A dark sidebar on the left contains a list of navigation items: Home, Current Applications, Confirm Registration, Amend Registration, All Registrations, User Setup, Control Parameters, COR Process history, Job Run Details, and Schedules (which is highlighted).

The main content area is divided into two sections:

- Schedules:** This section shows 'No Data Found' and contains three buttons: 'Delete Job', 'Enable Schedule', and 'Run Once Now'.
- Setup Job:** This section includes a 'Days' field with a list of days (FRIDAY, MONDAY, SATURDAY, SUNDAY, THURSDAY, TUESDAY, WEDNESDAY) and navigation arrows. Below this is a 'Time' dropdown menu and a 'Schedule Job' button.

Manual Amend Registration

ASA COR Batch admin

Home

Current Applications

Confirm Registration

Amend Registration

All Registrations

User Setup

Control Parameters

COR Process history

Job Run Details

Schedules

Amend Registration

Search for 'First Name' [Go] [Actions] [Edit] [Save] [Reset]

Search for 'First Name'

First Givenname	Surname	Birthdate	Asn	Sin Number	Eistudent Id Num...	Amend Reason
Test First Name	Test Surname	20-AUG-91	123456127201648	999667836092	999201501107	Dropped to Part Time Never Attended Withdrew from Studies

1 rows selected

Manual Confirm Registration

ASA COR Batch admin

Home

Current Applications

Confirm Registration

Amend Registration

All Registrations

User Setup

Control Parameters

COR Process history

Job Run Details

Schedules

Confirm Registration

Home \

Required Confirmation

Search for 'First Name' [Go] [Actions] [Edit] [Save] [Reset]

Search for 'First Name'

First Given...	Surname	Birthdate	Asn	Sin Number	Eistudent Id ...	Eistudent Id ...	Registered?
Test First Name	Test Surname	20-AUG-91	12345612720...	999667836092	999201501107	-	Never Attended Yes

1 rows selected

User Setup

The screenshot shows the 'User Setup' page within the 'ASA COR Batch' application. The interface includes a navigation sidebar on the left with the following items: Home, Current Applications, Confirm Registration, Amend Registration, All Registrations, **User Setup** (highlighted), Control Parameters, COR Process history, Job Run Details, and Schedules. The top right of the page shows the user 'admin'.

The main content area is titled 'User Setup' and contains a table with the following structure:

		Admin User	Passwd
<input checked="" type="checkbox"/>	Admin	Yes	CBAF5873EEFE7B814CF44D1EF149112D

Below the table, it indicates '1 rows selected' and 'Total 1'. The interface also features a search bar with the text 'Search: All Text Columns', a 'Go' button, and action buttons for 'Actions', 'Edit', 'Save', 'Add Row', and 'Reset'.