



Using Evisions Argos and UC4 for Automatic Data Collection and Dissemination of Information

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Blinn College District

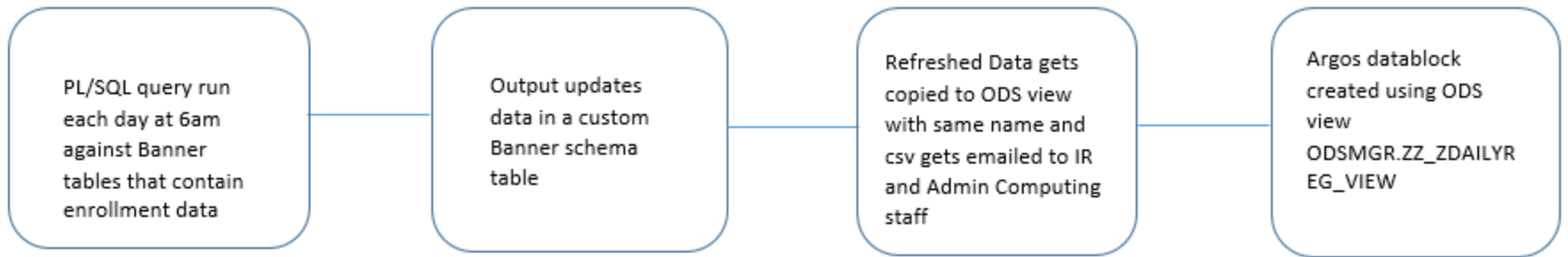
Introduction

- This session will demonstrate the innovative method in which Blinn College uses the Evisions Argos reporting tool and the UC4 job scheduler to automate the collection and dissemination of enrollment data during key registration times.
- Attendees will witness how an IR staff of two are able to provide timely data to institutional stakeholders during key registration times.

Welcome

1. UC4 and Argos
2. Argos Datablock and Report
3. Argos Scheduler
4. Dissemination
5. Questions

Process Flow



UC4 Process Flow

- Inserts records into a custom database table named ZDAILYREG. The purpose of this table is to capture, by day, by Campus Code, the unduplicated enrollment count, contact hours taken, and credit hours taken. The layout of the ZDAILYREG table is:
 - Term Code
 - Campus Code
 - Enrolled Count
 - Contact Hours
 - Credit Hours
 - Date record was created
- Inserts records into a custom database table named ZCENSUS if the run date is the day before the Census Date of the term code. The purpose of this table is to capture a snapshot at census of the Campus Code for each student where he/she is taking the majority of their classes for the term. The layout of the ZCENSUS table is:
 - Student pidm
 - Term Code
 - Campus Code
 - Date record was created
- This data is used to provide census enrollment numbers when requested.

UC4 Email

 Reply  Reply All  Forward  IM



Wed 12/18/2019 6:00 AM

uc4prod@blinn.edu

WINTER_V2_202015 FINISHED

To  Carlos Olvera;  Christine Wied;  Lillian Marshall



The UC4 process flow WINTER_V2_202015 has completed successfully.

Report Attached.

- UC4 output comes in csv format and is emailed to IR and Admin Computing Staff each morning.

UC4 Output

Winter Minimester 2019-2020		Data as of 10-JAN-20 at 06:00 AM
Full Term- Part of Term 1		
Total Enrolled		2160
Unduplicated Counts by Campus (No High School Students included)		
Campus Code	Campus of Class	Number of Students
BN	Brenham Campus	0
BY	Bryan Campus	0
DE	Distance Education	2150
FP	Federal Prison	0
HC	Hodde Center	0
HSC	Health Science Center	0
LU	Luther Unit	0
OE	Occupational Education Cntr	0
PA	Pack Unit	0
PO	Post Office Campus	0
PY	Police Academy - TEEK	0
RL	RELLIS Campus	0
SB	Schulenburg Campus	0
SY	Sealy Campus	0
TV	TAMU Coll of Vet Med	0
TX	Fire Academy - TEEK	0
OT	OTHER	0
Unduplicated Students by High School		
Home Campus	Description	Number of Students
AH	Anderson High School	1
CA	Caldwell	1
CG	Collegiate High School	1
HO	Home Schooled	2
MV	Madisonville HS	1
SN	Snook High School	1
WE	Weimar High School	3
Contact Hours by Campus of Class		
Campus of Class	Description	Contact Hours
DE	Distance Education	104448
Credit Hours by Campus of Class		
Campus of Class	Description	Credit Hours
DE	Distance Education	6486

Argos Report

- A banded report is created to display the data in pdf format. The datablock is stored in a folder to which limited users have access.

▼  Scheduled Reports

▼  Enrollment Comparison Report for Scheduled Tasks

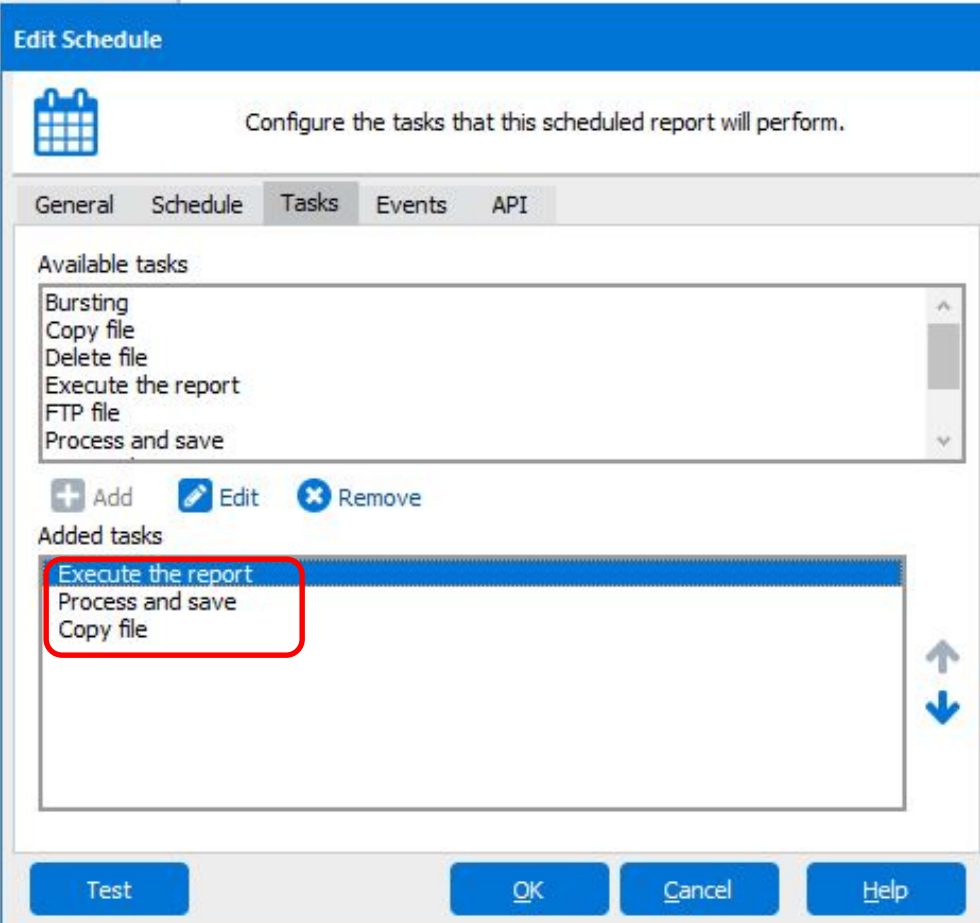
 Dashboard

▼  Daily Registration Comparisons by Contact Hours

 Daily WinterMini 1920 Enrollment Comparisons by Contact Hours Schedule

Scheduling

Execute the report, Process and save and Copy file tasks are used. Three separate schedules are built for Headcount, Credit Hours and Contact Hours.



The screenshot shows the 'Edit Schedule' dialog box with the following components:

- Title Bar:** 'Edit Schedule'
- Header:** 'Configure the tasks that this scheduled report will perform.'
- Navigation Tabs:** General, Schedule, **Tasks**, Events, API
- Available tasks list:**
 - Bursting
 - Copy file
 - Delete file
 - Execute the report
 - FTP file
 - Process and save
- Task Management:** + Add, Edit (pencil icon), Remove (X icon)
- Added tasks list:**
 - Execute the report
 - Process and save
 - Copy file
- Buttons:** Test, OK, Cancel, Help

Execute Report

Head Count



Enrollment Comparison Report for Scheduled Tasks

This Dashboard is for banded report scheduling only.

Term:

Banded Report Output



Registration Tracking for 202015 - Winter Minimester 2019-2020 as of 12/17/2019

Comparison of Head Count by Campus for 12/17/2019 to Prior Week, Prior Year and 201915 Certification Date										
	Last Week				Last Year			Last Year Certification Date*		
	12/17/2019	12/10/2019	Difference	% Change	12/18/2018	Difference	% Change	12/19/2018	Difference	% Change
Brenham Campus										
Bryan Campus										
Distance Education	2,252	2,072	180	8.7%	2,012	240	11.9%	1,978	274	13.9%
High Schools	11	8	3	37.5%						
Hodde Center										
Occupational Ed Center										
Post Office										
Prisons										
RELLIS Campus										
Schulenburg Campus										
Sealy Campus										
TEEX - Fire Academy										
TEEX - Police Academy										
Veterinary Medicine										
Head Count Totals	2,263	2,080	183	8.8%	2,012	251	12.5%	<u>1,978</u>	285	14.4%

NOTES: For internal use only -

Office of Institutional Research & Effectiveness

User name: lillian.marshall
Run date: 12/17/2019 1:35:16 PM

Process and Save

Select output format, file name and file extension.

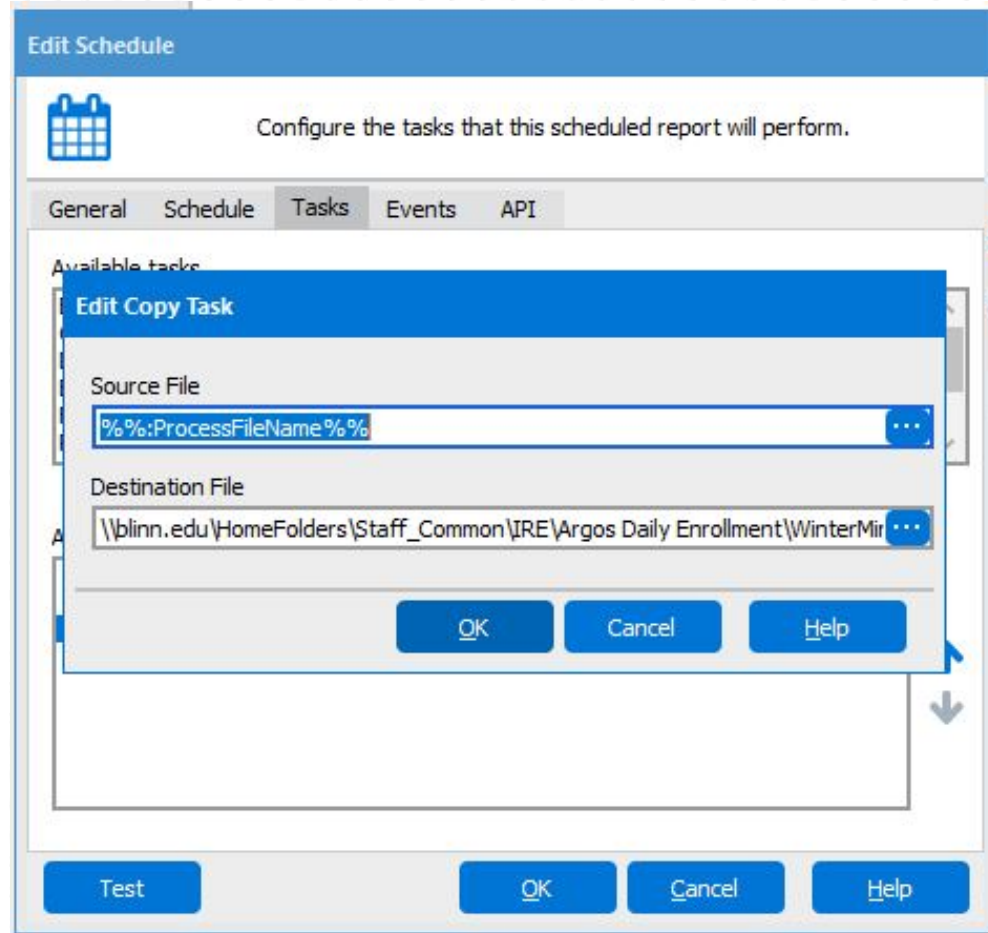
The image shows a software interface with two overlapping dialog boxes. The background dialog is titled 'Edit Schedule' and contains a calendar icon and the text 'Configure the tasks that this scheduled report will perform.' The foreground dialog is titled 'Process Options' and contains the following elements:

- A text box: 'This report will create a banded report file generated by QuickReports. When executed "Variable Name" will be created and populated with the value of "Filename"'
- An 'Output Format' section with a dropdown menu showing 'Adobe Acrobat (*.pdf)' and an 'Options' button.
- A section titled 'Variables which are available for use in other parts of the script' containing two text boxes: 'File name' with the value 'ProcessFileName' and 'File extension' with the value 'ProcessFileExt'.
- Buttons for 'OK', 'Cancel', and 'Help' at the bottom.

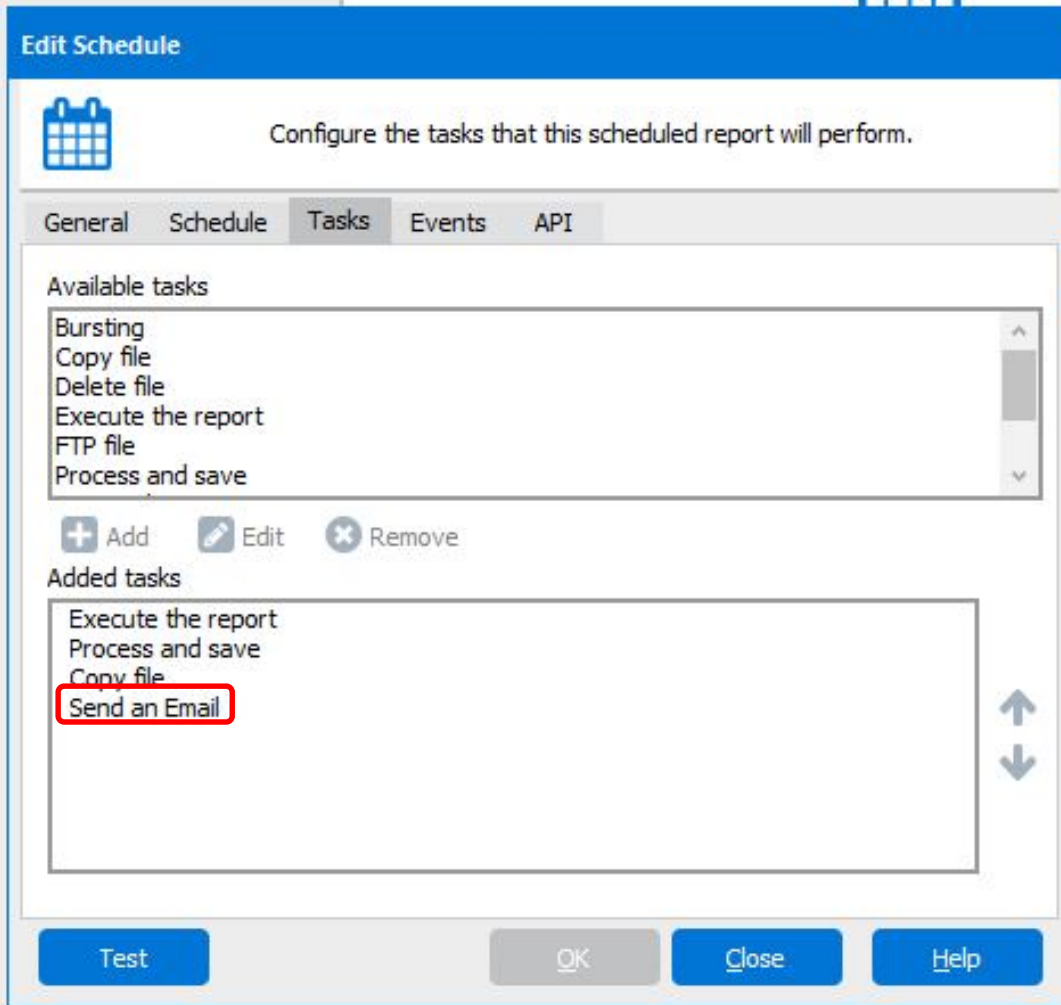
At the bottom of the 'Edit Schedule' dialog, there are buttons for 'Test', 'OK', 'Close', and 'Help'.

Copy File

The pdf is copied to a network file location to be attached to the email later.



Send Email



Edit Schedule

Configure the tasks that this scheduled report will perform.

General Schedule **Tasks** Events API

Available tasks

- Bursting
- Copy file
- Delete file
- Execute the report
- FTP file
- Process and save

+ Add Edit Remove

Added tasks

- Execute the report
- Process and save
- Copy file
- Send an Email**

Test OK Close Help

This task is added to the final schedule that distributes the email.

Email Task Properties and Attachments

Edit Schedule
Edit Email Task

Configure the email task properties

Email Server: BLINN
Email Format: Plain Text

From: data@blinn.edu

To:

CC: lillian.marshall@blinn.edu

BCC:

Subject: Daily Registration reports for %:Main_DD_Te

Attachments Body

OK Cancel Help

Email Task Properties

Edit Schedule
Edit Email Attachments

Attachments

WinterMini1920_Headcount_%%FormatDate(Now(),"mmddyyy")%%.pdf
WinterMini1920_CreditHours_%%FormatDate(Now(),"mmddyyyy")%%.p
WinterMini1920_ContactHours_%%FormatDate(Now(),"mmddyyyy")%%.

+ Add x Delete

Filename (at time of execution on the server)

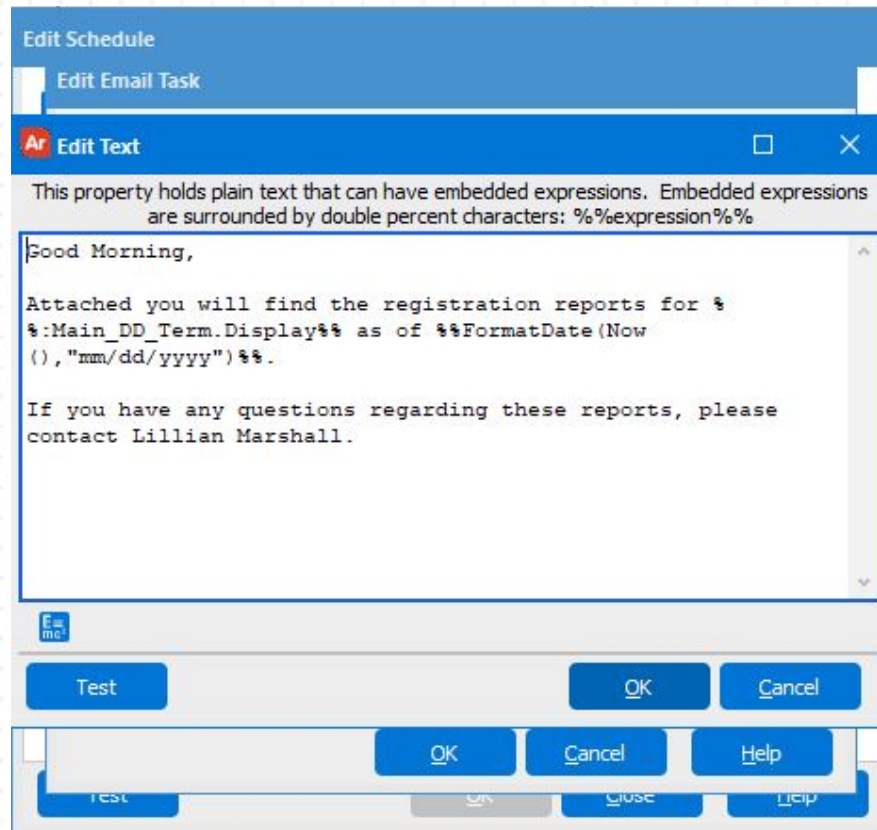
Attachment Filename (the name the recipient will see)

MIME Content-Type: <Let MAPS determine >

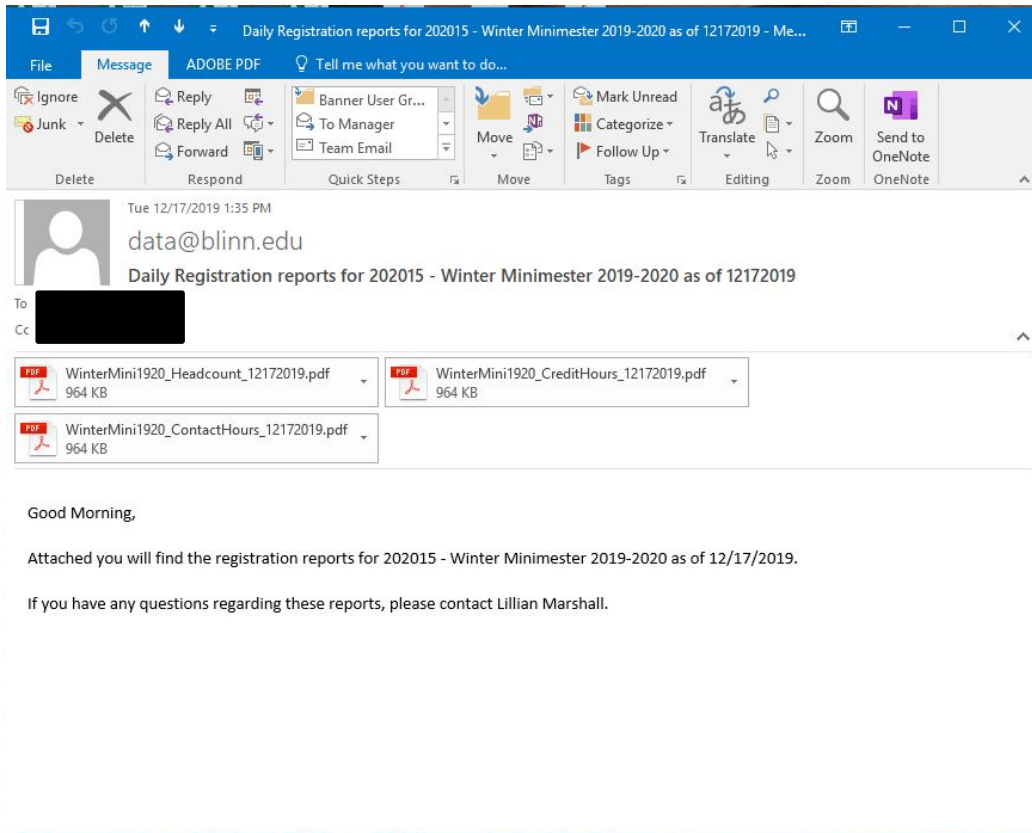
OK Close

Email Attachments

Email Text

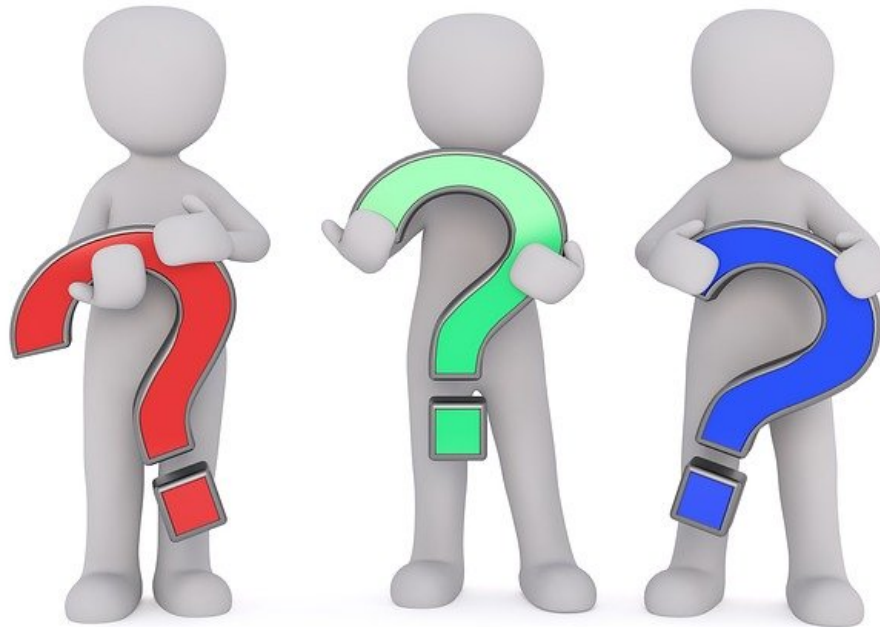


Sample Email



Sent to institutional leadership every morning from the day registration opens until census day.

Questions?





Thank you!

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www.blinn.edu

