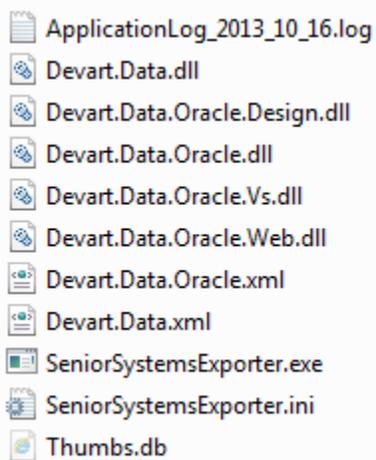


Quick Reference: Senior Systems Exporter

The Senior Systems Exporter application enables you to export data from your Senior Systems database into a text or CSV (comma separated value) format. The Senior Systems Exporter application can be scheduled to run at a given intervals using the [Windows Task Scheduler](#).

Senior Systems will provide you with a Senior Systems Exporter .zip file that contains the following files, which are described in further detail below:

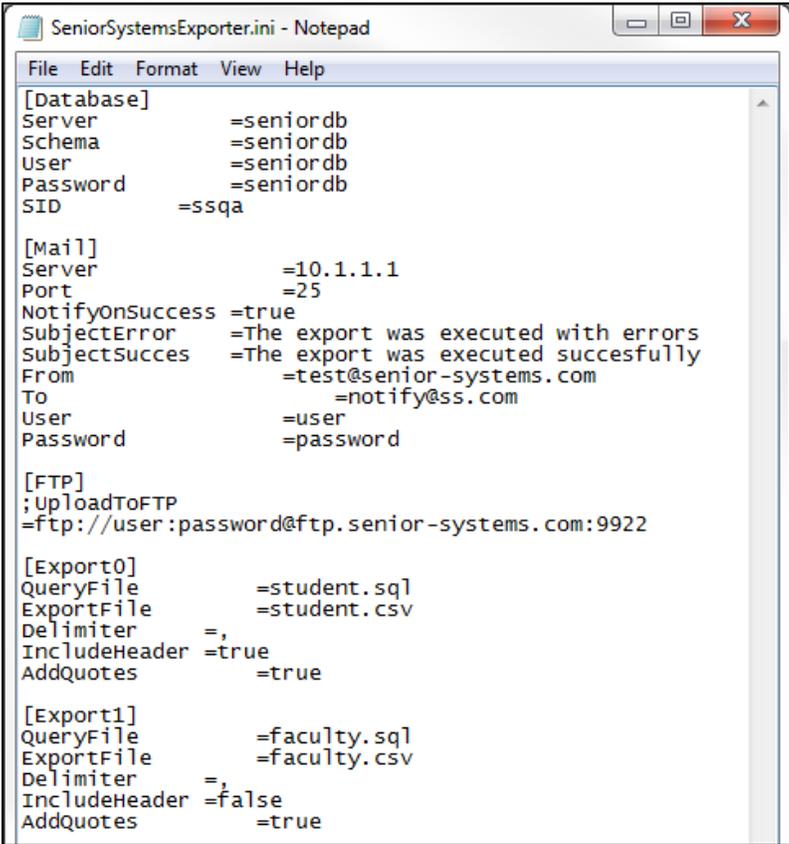


SSE File	Description
SeniorSystemsExporter.ini	This file needs to be modified by your school so that the correct operations are performed. To review instructions for modifying this file, see step #2 in the To use the Senior Systems Exporter tool topic below.
ApplicationLog_xxx_xx_xx.log	This file contains any error messages that are generated when the Exporter tool is run.
SeniorSystemsExporter.exe	This file executes the Senior Systems Exporter operation.
xxx.sql	This file contains the code which will generate your .csv or .txt file.
xxx.csv and xxx.txt	These are the output files that are generated from running the Exporter tool. You can either output files as .csv or .txt.

To use the Senior Systems Exporter tool:

1. Extract all of the files contained within the Senior Systems Exporter .zip file into a local or network directory on your machine. The Exporter tool must be installed on a workstation that is running a Senior Systems client.
2. It is recommended that you create a new username and password to use for running the exporter tool and give that user the appropriate Senior Systems applications, such as Registrar, Admissions, etc. This can be done in the Systems Administration module.
3. Open the **SeniorSystemsExporter.ini** file.

This file is separated into various sections that are described in the table below. You will see **Database**, **Mail**, **FTP**, and **ExportX** sections. You will need to set several parameters in these sections in order to correctly generate an .sql file.



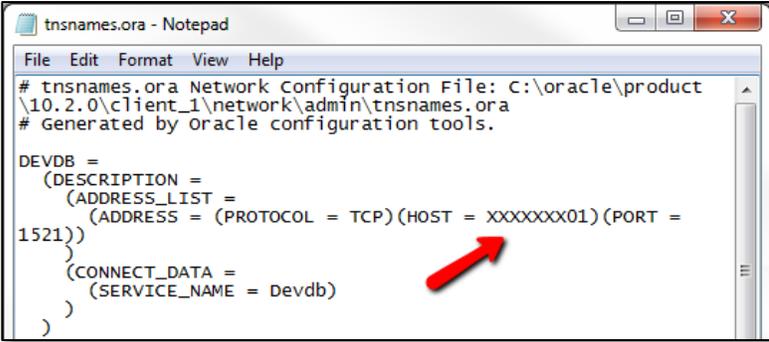
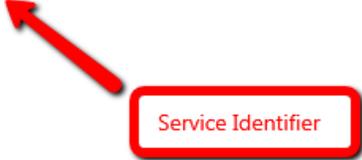
```
SeniorSystemsExporter.ini - Notepad
File Edit Format View Help
[Database]
Server          =seniordb
Schema          =seniordb
User            =seniordb
Password        =seniordb
SID             =ssqa

[Mail]
Server          =10.1.1.1
Port            =25
NotifyOnSuccess =true
SubjectError    =The export was executed with errors
SubjectSuccess  =The export was executed successfully
From            =test@senior-systems.com
To              =notify@ss.com
User            =user
Password        =password

[FTP]
;UploadToFTP
=ftp://user:password@ftp.senior-systems.com:9922

[Export0]
QueryFile       =student.sql
ExportFile      =student.csv
Delimiter       =,
IncludeHeader   =true
AddQuotes       =true

[Export1]
QueryFile       =faculty.sql
ExportFile      =faculty.csv
Delimiter       =,
IncludeHeader   =false
AddQuotes       =true
```

Sections of SeniorSystemsExporter.ini	Description
Database	The Database section is used to set the database connectivity information.
Server	<p>Enter the Oracle database server. This is the physical machine name of your server.</p> <p>To locate the physical machine name, open the tnsnames.ora file, which is typically found in C:\Centura on your workstation. Locate the information that is displayed below:</p>  <pre> tnsnames.ora - Notepad File Edit Format View Help # tnsnames.ora Network Configuration File: C:\oracle\product \10.2.0\client_1\network\admin\tnsnames.ora # Generated by Oracle configuration tools. DEVDB = (DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (PROTOCOL = TCP)(HOST = XXXXXXXX01)(PORT = 1521))) (CONNECT_DATA = (SERVICE_NAME = Devdb))) </pre>
Schema	Enter the schema name.
User/Password	Enter the username and password that you created for this task.
SID	<p>Enter the Service Identifier Name. To locate the Service Identifier Name, open the tnsnames.ora file, which is typically found in C:\Centura on your workstation. Locate the information that is displayed below:</p> <pre> SENIORDB = (DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (PROTOCOL = TCP)(HOST = oracleDB) (PORT = 1521))) (CONNECT_DATA = (SERVICE_NAME = SENIORDB))) </pre> 

Mail	<p>The Mail section is used to set the status email options. If information in the Mail section is properly configured, the specified user(s) will receive an email notification upon successful completion of the operation or receive an email containing relevant error messages if the operation fails.</p> <p>NOTE: By default, the Mail section is commented out with semicolons (;).</p>
Server	Enter your email server IP address or Host Name.
Port	Enter your Port number. This is typically Port 25.
NotifyonSuccess	Enter True to have an email sent upon successful completion of an export, or have an email sent notifying a user that the export has not completed successfully. Enter False to no email sent.
SubjectError	If you have specified to have an email sent by entering True for the NotifyonSuccess option, enter the text that the user will receive if the export has not completed successfully.
SubjectSuccess	If you have specified to have an email sent by entering True for the NotifyonSuccess option, enter the text that the user will receive if the export has completed successfully.
To	Enter the email address(es) of users who should receive emails after an export.
User/Password	Enter a username and password of an account that is able to connect to your mail server for delivery of the e-mail notification.
FTP	<p>The FTP section specifies a location to which you will FTP files.</p> <p>NOTE: By default, the FTP section is commented out with semicolons (;).</p>
UploadToFTP	<p>If this parameter is present, the export files will be uploaded to this FTP site. If the files are already present, an error will occur. The FTP username and password should be embedded into the FTP's URL.</p> <p>NOTE: For an example of the FTP code, see the image that is displayed in Step 3.</p>
ExportX	<p>The ExportX section specifies the location where the .sql file will be generated, whether the file should be .csv or .txt, whether a header should appear, whether a delimiter should appear between information, and whether records should be embedded in quotes. Every .sql file should have a corresponding ExportX section, if the .sql file needs to be converted. The first Export will start with Export0 and continue sequentially as is shown in Step 3.</p>
QueryFile	<p>Enter the name of the SQL file provided.</p> <p>Example: student.sql</p> <p>If you want to have the file pull from a different directory, enter the following path before the file name.</p> <p>Example: c:\scripts\student.sql</p>

ExportFile	Enter the name of the file provided that should be generated by the export Example: student.txt or student.csv. If you want to have the export file be sent to a different directory, please enter this path before the file name. Example: c:\export\student.txt
Delimiter	Enter a character to be used as a delimiter between columns, such as ^, or -. Any character can be specified as a delimiter.
IncludeHeader	Enter True or False to specify whether or not to include a header row in the export file.
AddQuotes	Enter True or False to specify whether or not records should be embedded in quotes.

- Once you have properly set up all areas of the **SeniorSystemsExporter.ini** file, you can click the **SeniorSystemsExporter.exe** to execute the build process.

If you have specified email address(es) to receive completion and failure notifications, these email address(es) receive the specified notification.

If the process fails, an error message is generated in the **ApplicationLog_XXXX_XX_XX.log** file. Common error messages that you may receive are listed in the [Error Message table](#).

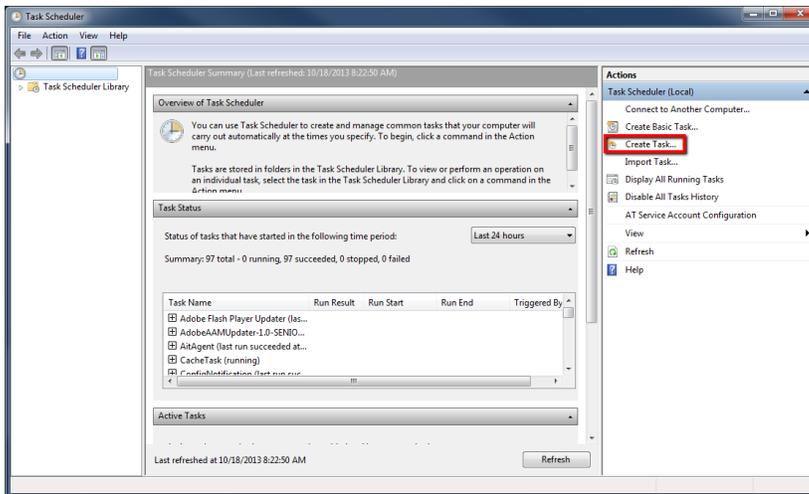
If you have specified FTP information, the files will be uploaded to the FTP site and an email will be sent if this option was set in the **SeniorSystemsExporter.ini** file.

Error Message	Description
Error processing Export0:ORA-12545: Connect failed because target host or object does not exist <Host = ssqa612:1521>	The host name that you have entered is not correct. Enter a correct host name.
Error processing Export0:The file student1.sql was not found. SeniorSystemsExporter at SeniorSystemsExporter.Program.Main(String[] args)	The .sql file referenced in the .ini file was not found. Check to ensure that the .sql file referenced in the .ini file exists and ensure that it is named correctly.
Error processing Export0:ORA-00923: FROM keyword not found where expected	The .sql file contains incorrect SQL coding.

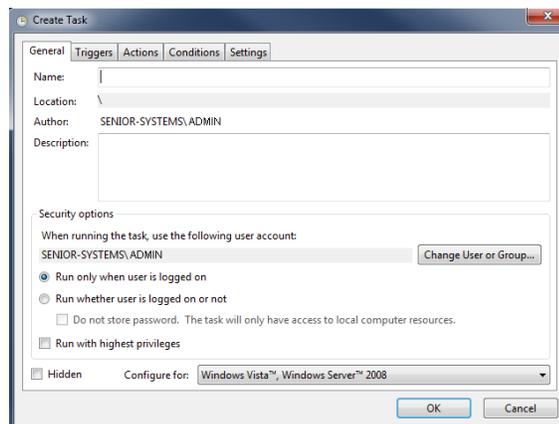
Setting up Task Scheduler to work with the Senior Systems Exporter:

You can set up the Task Scheduler to periodically run the Senior Systems Exporter tool at set intervals.

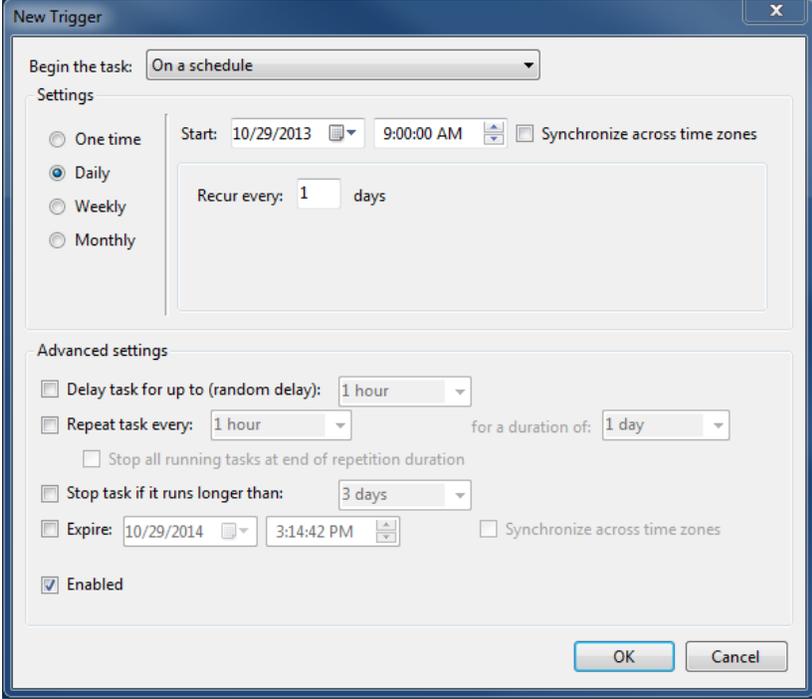
1. In order to create a task, you must first create a batch file that will run the SeniorSystemsExporter.exe. Once the batch file is established, you can set up the Task Scheduler.
2. Click the **Start** menu > **All Programs** > **Accessories** > **System Tools** > **Task Scheduler**.
3. Click **Create Task...**



4. On the Create Task window, there are several steps you will need to perform to create the task.
 - A. On the **General** tab, enter the name of the task in the **Name** field.



- B. On the **Triggers** tab, click the **New...** button and enter the time at which you want the Task Scheduler to run the task:



New Trigger

Begin the task: On a schedule

Settings

One time Start: 10/29/2013 9:00:00 AM Synchronize across time zones
 Daily
 Weekly
 Monthly

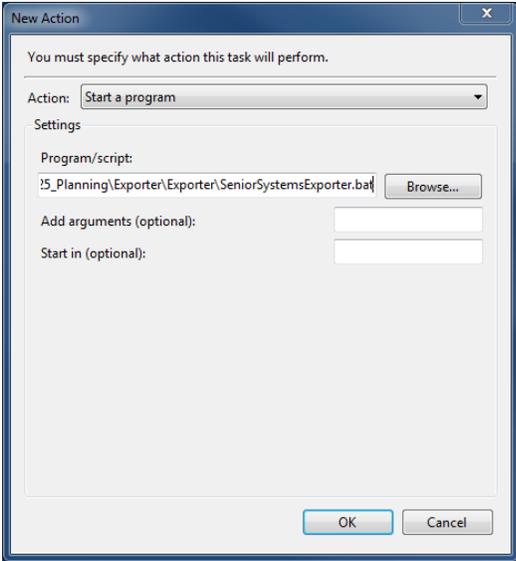
Recur every: 1 days

Advanced settings

Delay task for up to (random delay): 1 hour
 Repeat task every: 1 hour for a duration of: 1 day
 Stop all running tasks at end of repetition duration
 Stop task if it runs longer than: 3 days
 Expire: 10/29/2014 3:14:42 PM Synchronize across time zones
 Enabled

OK Cancel

- C. On the **Actions** tab, click the **New...** button and browse to the location of the Exporter batch file (the Exporter batch file ends with **“.bat”**).



New Action

You must specify what action this task will perform.

Action: Start a program

Settings

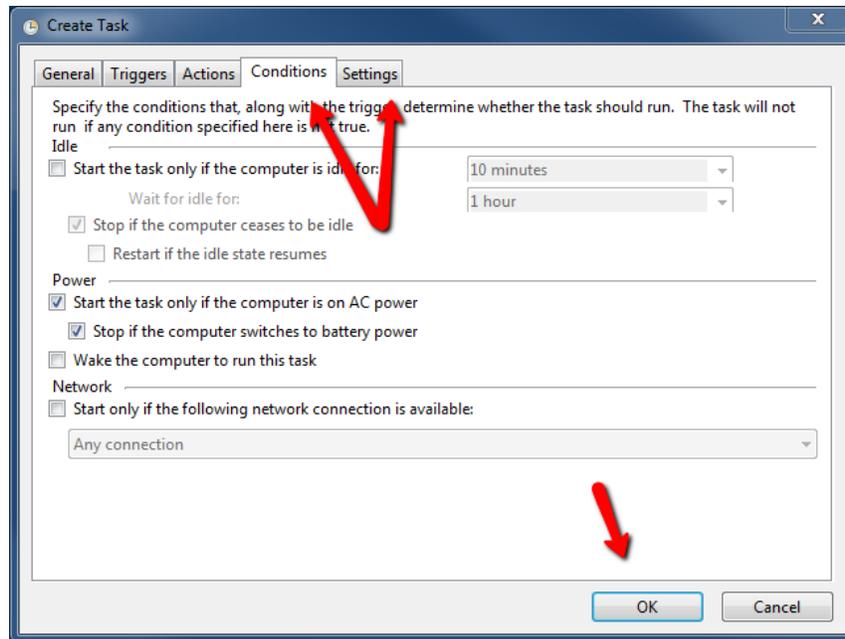
Program/script:
I5_Planning\Exporter\Exporter\SeniorSystemsExporter.bat Browse...

Add arguments (optional):

Start in (optional):

OK Cancel

- D. In the **Conditions** and **Settings** tabs, specify any necessary parameters that are required for your specific task, and then click the **OK** button.



- E. You now see the Scheduler Task that you created in the Task Scheduler list.

