COREELMS ETL Documentation

# Technologies used:

* SQL Server database, located in the PDCAFS database on the Azure-SQL server.
* Visual Studio C# ASP.NET with AjaxControlToolKit, Test and Prod versions located under C:\Sourcefiles on the CHSU-WEB server.
* SQL Server Reporting Services
* Microsoft Internet Information Services on the CHSU-WEB server

**Installation Location:**

**Server:** CHSU-Web, installed in IIS as application under Default web site

**URL:** chsu-web/COREELMS

**SQL Server Server:** Azure-SQL **Database:** COREELMS

**SQL Server User ID:** PharmCASETL **Password:** DGm6nGPw3g

**Source Files for web site:** CHSU-Web server - C:\SourceFiles\COREELMS\_Source\Core\_Elms\Core\_Elms

**Github Location**

<https://github.com/California-Health-Sciences-University/WebServ>

# Steps

1. In SONIS, download the Student Schedules Requirements Report in Excel format.
2. In COREELMS, click the Browse button to locate the file downloaded from SONIS.
3. Click the Create SONIS File button. The system will respond with a prompt to ask where you want to save the file.

# Table Structures

## CORE\_ELMsImport

### Description:

This is the table that receives the imported file from COREELMS.

|  |  |  |
| --- | --- | --- |
| FieldName | Type | Description |
| Recordid | int IDENTITY(1,1) | Unique record identifier |
| FirstName | varchar(50) | First Name |
| MiddleName | varchar(50) | Middle Name |
| LastName | varchar(50) | Last Name |
| ID | varchar(50) | Student ID |
| Location | varchar(50) | Location |
| Program | varchar(50) | Program |
| GradYear | varchar(50) | Graduation Year |
| Email | varchar(50) | Email address |
| Phone | varchar(50) | Phone number |
| PhoneCell | varchar(50) | Cell phone number |
| PreceptorFirst | varchar(50) | PreceptorFirstName |
| PreceptorLast | varchar(50) | PreceptorLastName |
| Site | varchar(150) | Site |
| SiteNumber | varchar(50) | Site Number |
| RotationType | varchar(50) | Rotation Type |
| RotationSpecialty | varchar(50) | Rotation Specialty |
| Elective | varchar(50) | Elective |
| Rotation | varchar(50) | Rotation |
| StartDate | varchar(50) | Start Date |
| EndDate | varchar(50) | End Date |
| SiteRequirement | varchar(150) | Site Requirement |
| Status | varchar(50) | Status |
| Expiration | varchar(50) | Expiration date |
| CompletedOn | varchar(50) | Completeded on |
| CourseNumber | varchar(50) | Course Number |
| Session | varchar(50) | Session |
| Section | varchar(50) | Section |
| DateEntered | datetime | Date Entered |
| JenzabarID | varchar(50) | Jenzabar ID |

## Semesters

### Description:

This table holds the semester list for reference purposes.

|  |  |  |
| --- | --- | --- |
| TermCalendarID | int | Record identifier |
| school\_year | varchar(4) | School Year |
| semester | varchar(2) | Semester |
| semester\_description | varchar(50) | Semester Description |
| start\_date | date | Start Date |
| end\_date | date | End Date |

## SONISOutput

### Description:

This is the table that holds the output to SONIS.

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Recordid | int IDENTITY(1,1) | Unique record identifier |
| Action | varchar(50) | Action |
| Campus | varchar(50) | Campus |
| Department | varchar(50) | Department |
| Division | varchar(50) | Division |
| Course | varchar(50) | Course |
| Session | varchar(50) | Session |
| Section | varchar(50) | Section |
| SchoolYear | varchar(50) | School Year |
| Semester | varchar(50) | Semester |
| UserName | varchar(50) | User Name |
| SONISID | varchar(50) | Sonis ID |
| LastName | varchar(50) | Last Name |
| FirstName | varchar(50) | First Name |

## TermCalendar

Description: This table holds the Term Calendar for reference purposes.

|  |  |  |
| --- | --- | --- |
| TermCalendarID | int | Unique Record Identifier |
| Term | varchar(12) | Term |
| TextTerm | varchar(12) | Text Term |
| TermStartDate | datetime | Term Start Date |
| TermEndDate | datetime | Term End Date |
| PowerFaidsPOECode | varchar(10) | PowerFaidsPOECode |
| StateReportingCode | varchar(10) | State Reporting Code |
| ActiveFlag | bit | Active Flag |
| AllowOnLineRegistration | bit | Allow On Line Registration |
| OriginalConvertValue | varchar(12) | Original Convert Value |
| AllowFacultyOnLineRegistration | bit | Allow Faculty On Line Registration |
| DisplayInStudentPortal | bit | Display In Student Portal |
| DisplayInFacultyPortal | bit | Display In Faculty Portal |
| UserDefined | varchar(50) | User Defined |
| DisplayInApplicationPortal | bit | Display In Application Portal |
| DisplayInContactPortal | bit | Display In Contact Portal |
| CensusDate | datetime | Census Date |
| CompulsoryTerm | bit | Compulsory Term |
| StateReportingCode2 | varchar(10) | StateReportingCode2 |
| ParentID | int | ParentID |
| CreditUnit | varchar(100) | Credit Unit |
| RegTransdocList | varchar(max) | RegTransdocList |