

PLUG IN &
CONNECT



SYMPOSIUM
2017

Data Manager

Becky Woodard

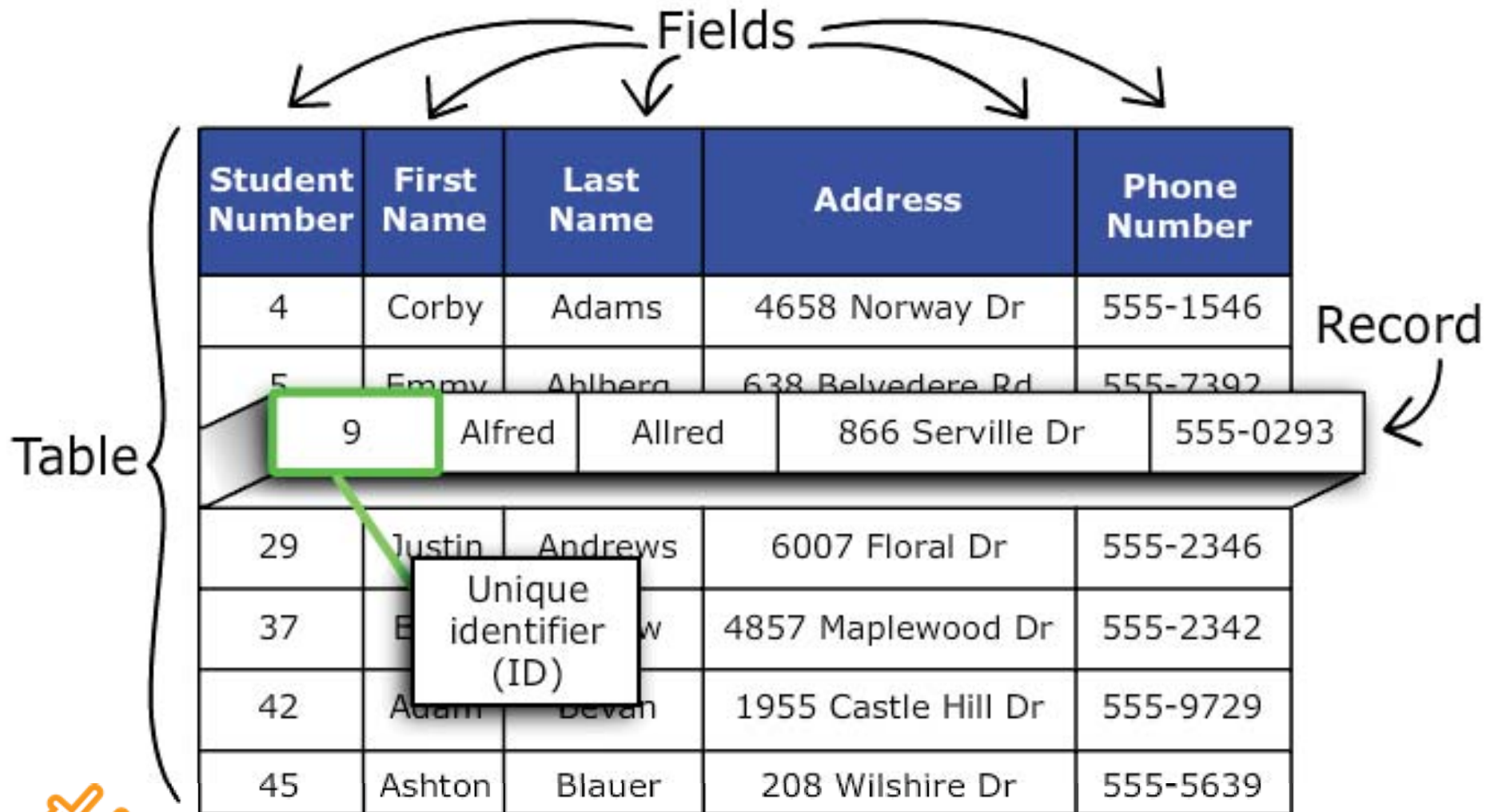
Session Room | Session Time

Agenda

- Introduction
- Exploring the Database Structure
- Data Export Manager
- Data Import Manager



Database Structure



Students Field List

PowerSchool Field List:

Filter:

Student Field Name

1. 504_Information	77. Emerg_2_Rel	153. MembershipShare
2. ACT_composite	78. Emerg_Contact_1	154. Middle_Name
3. ACT_date	79. Emerg_Contact_2	155. monitor_date
4. ACT_english	80. Emerg_Phone_1	156. Mother
5. ACT_math	81. Emerg_Phone_2	157. Mother_Employer
6. ACT_reading	82. Enroll_Status	158. Mother_home_phone
7. ACT_science	83. Enrollment_SchoolID	159. Mother_StudentCont_guid
8. Activities.band	84. Enrollment_Transfer_Date_Pend	160. motherdayphone
9. Activities.basketball	85. Enrollment_Transfer_Info	161. ms_IncludeAlias
10. Activities.decathlon	86. EnrollmentCode	162. Next_School
11. Activities.football	87. EnrollmentID	163. Orig_Student_ID
12. Activities.golf	88. EnrollmentType	164. Person_ID
13. Activities.helping_hands	89. EntryCode	165. Phone_ID



Start Page > Students tab > View Field List



Staff Field List

Field List: ✕

Filter:

Teacher Field Name		
1. Access	36. Middle_Name	71. Sched_Team
2. AdminLDAPEnabled	37. NameAsImported	72. Sched_TotalCourses
3. AllowLoginEnd	38. NoOfCurClasses	73. Sched_UseBuilding
4. AllowLoginStart	39. Notes	74. Sched_UseHouse
5. Balance1	40. NumLogins	75. School_Phone
6. Balance2	41. Orig_Staff_ID	76. SchoolID
7. Balance3	42. Password	77. SIF_StatePrid
8. Balance4	43. PeriodsAvail	78. SSN
9. CanChangeSchool	44. Photo	79. StaffPers_guid
10. City	45. PowerGradePW	80. StaffStatus
11. Classpua	46. PreferredName	81. standards
12. Custom	47. PSAccess	82. State
13. DefaultStudScrn	48. PSU_User_Password	83. Status



Start Page > Staff tab > View Field List



Export Using the Data Manager

1. Select students
2. Select the category, table, and field information to export
3. Select records to export
4. Choose export options
5. Save the export template



Select the Students

Select the students whose information you want to export.

Students Staff Parents

grade_level=9 Advanced View Field List [?]

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

9 10 11 12 M F All Stored Searches Stored Selections

Current Student Selection (138)

Student	Student Number	Grade Level	Date of Birth
Anderson, Cody N	14	9	3/6/2000
Andrews, Joshua M	28	9	12/18/2000
Bailey, Jenilyn H	35	9	3/5/2000
Bennett, Cody B	41	9	4/24/2000
Briggs, Jeffrey	58	9	1/18/2000
Briggs, Justin D	60	9	7/10/2000

<< < 1 2 > >>

Select By Hand Quick Export ▾

Start Page > (Select a group of students)



Select the Details

Select the category, table, and field information to export.

Select Columns to Export

Category: Tables

Export From: Students

	Sort	Field	Labels Used on Export	Remove
<input type="checkbox"/> SchoolEntryGradeLevel				
<input checked="" type="checkbox"/> SchoolID				
<input type="checkbox"/> SDataRN				
<input type="checkbox"/> Simple_GPA				
<input type="checkbox"/> Simple_PCT				
<input type="checkbox"/> SSN				
<input type="checkbox"/> State				
<input type="checkbox"/> State_EnrollFlag				
<input type="checkbox"/> State_ExcludeFromReporting				
<input checked="" type="checkbox"/> State_StudentNumber				
<input type="checkbox"/> Street				
<input type="checkbox"/> Student_AllowWebAccess				
<input checked="" type="checkbox"/> Student_Number				
<input type="checkbox"/> Student_Web_ID				
<input type="checkbox"/> Student_Web_Password				

Sort	Field	Labels Used on Export	Remove
▲ ▼	STUDENTS.Student_Number	STUDENTS.Student_	—
▲ ▼	STUDENTS.Last_Name	STUDENTS.Last_Nan	—
▲ ▼	STUDENTS.First_Name	STUDENTS.First_Nan	—
▲ ▼	STUDENTS.Grade_Level	STUDENTS.Grade_Le	—
▲ ▼	STUDENTS.SchoolID	STUDENTS.SchoolID	—
▲ ▼	STUDENTS.State_StudentNumber	STUDENTS.State_Stu	—

Next >



System > Page and Data Management > Data Export Manager



Select the Records to Export

Select the records to export, filter the data, and preview the results.

Select/Edit Records from Students

Built In Filters ▾

Students to include Use current student selection: 139

Column Filters ▾

Filter by	Value
<input type="text"/>	<input type="text"/>

Export All Rows Export Filtered Rows



System > Page and Data Management >
Data Export Manager > Next



Choose the Export Options

Choose export options.

Export Summary and Output Options

Export Summary

Records to Export: 139

Export Format

Export File Name:

Line Delimiter:

Field Delimiter:

Character Set:

Export Options

Include Column Headers:

Surround "field values" in Quotes:

[◀ Prev](#) [Save Template](#) [Export ▶](#)



System > Page and Data Management >
Data Export Manager > Next > Next



Save the Export Template

Save the export template.

Name

Student Information

Description

500 characters left

Fields

Field Name	Label
STUDENTS.Student_Number	STUDENTS.Student_Number
STUDENTS.Last_Name	STUDENTS.Last_Name
STUDENTS.First_Name	STUDENTS.First_Name
STUDENTS.Grade_Level	STUDENTS.Grade_Level

System > Page and Data Management >
Data Export Manager > Save Template



Import Using the Data Manager

1. Select the source file and table
2. Map the data columns
3. Select options






Choose the Source and Table

Select the source file and table.

Select Source and Target

Source: Standards_Import_Template.txt

Import Into: 

Field Delimiter:  Character Set: 



System > Page and Data Management > Data Import Manager



Map the Data Columns

Map the import columns to PowerSchool fields.

Map Columns

Select Template

Import File Column	PowerSchool Field
Identifier	Identifier
ParentStandardIdentifier	ParentStandardIdentifier
Name	Name
DisplayPosition	DisplayPosition
ConversionScaleID	ConversionScaleID
GradeScaleItemDCID	GradeScaleItemDCID
IsAssignmentAllowed	IsAssignmentAllowed
IsCommentIncluded	IsCommentIncluded
MaxCommentLength	MaxCommentLength

Save Template



System > Page and Data Management >
Data Import Manager > Next



Choose the Options

Select options for how to handle imported data.

Select Options

Check to exclude the first row (contains headers).	<input checked="" type="checkbox"/>
If a record in the import file matches an existing record in the database, how would you like that record processed?	<input checked="" type="radio"/> Do not process record <input type="radio"/> Update existing record
If a record in the import file does not specify a Longitudinal ID, how would you like to assign one?	<input checked="" type="radio"/> Retrieve the Longitudinal ID with the matching Identifier from a previous year <input type="radio"/> Create a new Longitudinal ID

[← Prev](#) [Import →](#)



System > Page and Data Management >
Data Import Manager > Next > Next

