

How to Use Data Integrity Gateway (DIG) to Make Data Preparation Faster for an Accurate Feedback Process

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How to Use Data Integrity Gateway (DIG) to Make Data Preparation Faster for an Accurate Feedback Process

- In this learning webinar, Explorance solution experts will share how the automation and delegation of data preparation tasks using DIG can drive an accurate, data-driven feedback collection process.
- With the enhanced user interface in DIG , the functionalities such as in-line demographics editing, bulk editing, easier verification of who is assigned to which subject (the entity being evaluated), and more flexibility for tasks (such as the ability to modify subjects after publishing) will make the end user's life easier!

Agenda

- **DIG and Data preparation**
- **DIG Demo**
- **Implementing a DIG project (with new features)**
- **Data Preparation Best Practices**
- **Q/A**

Context:

Feedback Projects and Data Preparation Challenges

Today more than **ever institutions are faced with complex student information system (SIS) data issues**. The sheer volume of information coupled with 'dirty' data poses some very costly challenges.

SIS data is often inaccurate, incomplete, or not up-to-date making it impossible to make informed decisions. **Critical information may be missing such as course details, student information, teacher to course information, and more.**

The result: Data quality is impacted, thus the need for time-consuming cleanup.

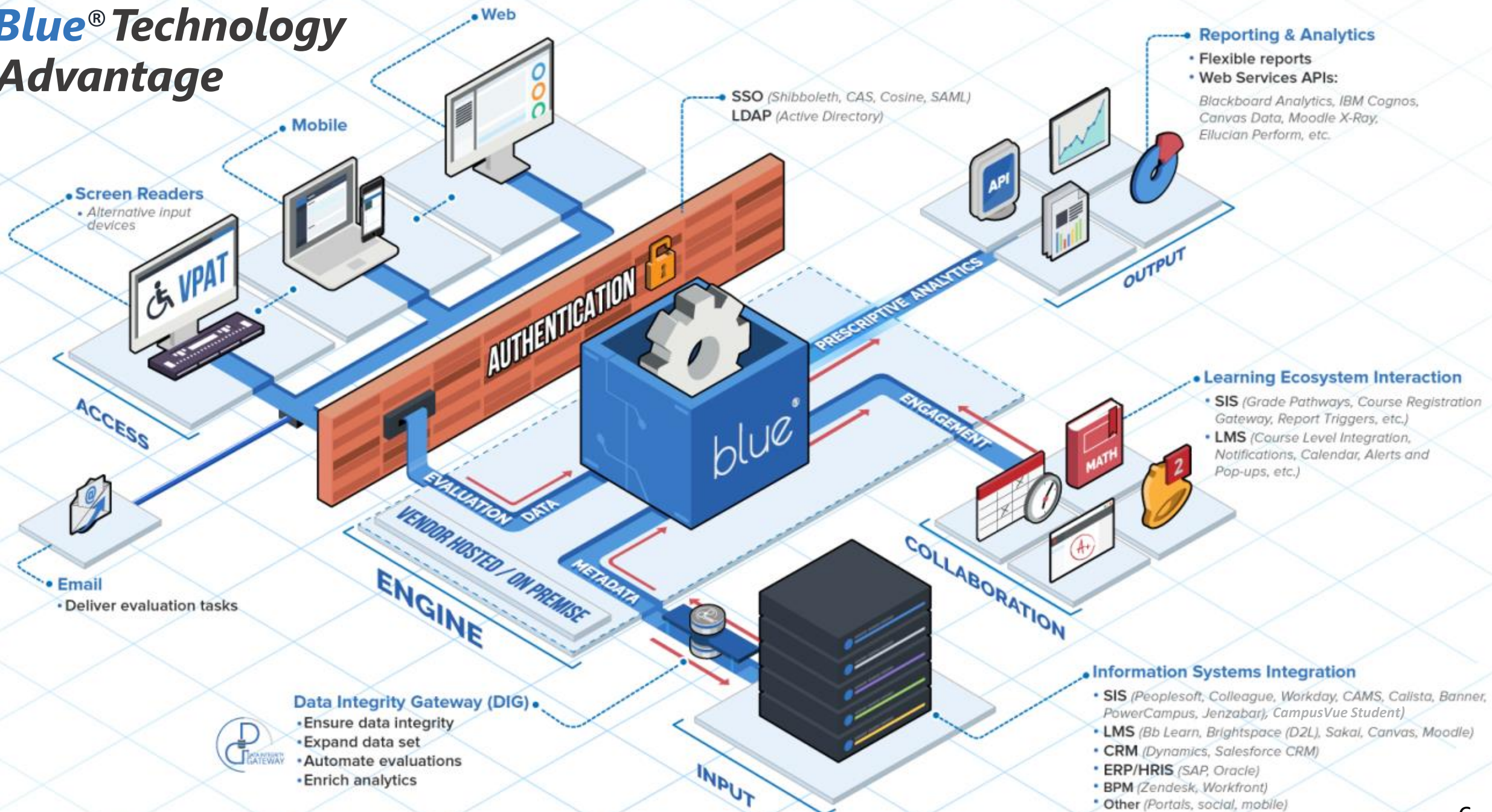
The solution: DIG, an automated solution that can improve data quality while significantly saving time and resources

What is DIG?

- The Data Integrity Gateway (DIG) is a dynamic tool that will help you prepare your data for survey and evaluation automation
- DIG allows to **automate and centralize control of data preparation process**, taking the pain out of data cleanup from an average of 7 weeks of manual preparation to 2 weeks of automated workflows
- DIG Seamlessly integrates with any information system (SIS, LMS, HRIS, ERP, CRM, etc.)



Blue[®] Technology Advantage



In Summary

Solution for data preparation needs

- Ensuring the accuracy and completeness of your institutional data
- Augmenting your data for better reporting and insight
- Improving data quality by eliminating manual intervention

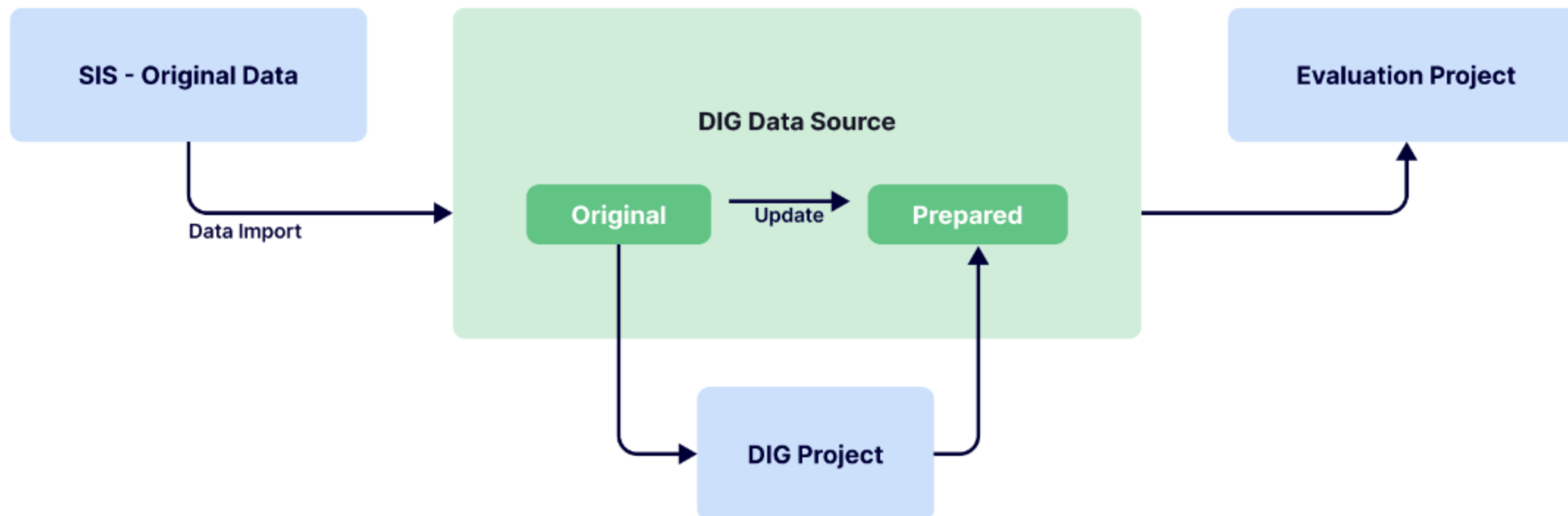
Features

- Delegate the tasks to the responsible people
- Set automatic follow-up emails and dynamic end dates
- Setup validation rules
- Automatically refresh the data
- Automatically transform push the data to the evaluation project once it is ready

DIG – Some Common Tasks

- ✓ Opting In/Out courses
- ✓ Changing data source demographics such as course evaluation dates
- ✓ Changing teaching assignments
- ✓ Changing course enrollments
- ✓ Merging cross-listed courses
- ✓ Splitting modular evaluations
- ✓ Assigning questionnaire templates

DIG - The Big Picture



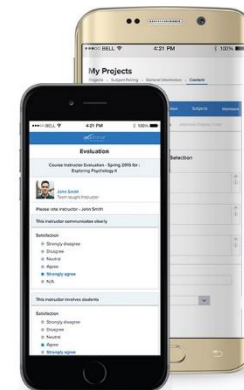
DIG – Data Preparation in Action

- ✓ Opting In/Out courses
- ✓ Changing data source demographics such as course evaluation dates
- ✓ Changing teaching assignments
- ✓ Changing course enrollments
- ✓ Merging cross-listed courses
- ✓ Splitting modular evaluations
- ✓ Assigning questionnaire templates



Civil Eng.

Dahlia



Anthropology

Domingo



New look of DIG

All action happens in one screen

Edit selection (1 selected / 97 found)

Manage Columns

Reset display settings

10 << 1 2 3 4 5 >>

Actions	Alerts	Status	Group	Course ID	Name	Course End Date	School	Department	Sub Dept	Course Code	School ID	Dept ID	Sub C
<input type="checkbox"/>			Instructors 4	Data3_401791-7688-Q4	401791 African Cultures and Societies	2016-Apr-30 06:00	Arts & Science	Anthropology	Social Anthropology	1791	ANS	ANS_ANT	ANS_
			Students 24										
		Published	Instructors 4	Data3_401791-7688-Q4_100	401791 African	2016-Apr-30 06:00	Arts & Science	Anthropology	Social Anthropology	1791	ANS	ANS_ANT	ANS_
			Students 24										
		Published	Instructors 4	Data3_401791-7688-Q4_110				Anthropology	Social Anthropology	1791	ANS	ANS_ANT	ANS_
			Students 24										
		Published	Instructors 4	Data3_401791-7688-Q4_120				Anthropology	Social Anthropology	1791	ANS	ANS_ANT	ANS_
			Students 24										
<input type="checkbox"/>		Modified	Instructors 2	Data3_401794-8432-Q2				Anthropology	Social Anthropology	1794	ANS	ANS_ANT	ANS_
			Students 6										
<input type="checkbox"/>		Modified	Instructors 4	ANJYTGMIUE_0539724371				Anthropology	Social Anthropology	1802;1804	ANS	ANS_ANT	ANS_
			Students 31										
			Instructors 2	Data3_401802-7806-Q1	401802 Human Origins	2016-May-18 00:00	Arts & Science	Anthropology	Social Anthropology	1802	ANS	ANS_ANT	ANS_
			Students 9										
			Instructors 2	Data3_401804-3641-Q3	401804 Human Origins	2016-Dec-13 00:00	Arts & Science	Anthropology	Social Anthropology	1804	ANS	ANS_ANT	ANS_
			Students 23										
<input checked="" type="checkbox"/>		Published	Instructors 2	Data3_401806-1624-Q1	401806 Primate Evolution	2016-Jul-01 00:00	Arts & Science	Anthropology	Social Anthropology	1806	ANS	ANS_ANT	ANS_
			Students 21										
<input type="checkbox"/>		Original	Instructors 2	Data3_401809-2862-Q1	401809 Primate Evolution	2016-Jul-31 00:00	Arts & Science	Anthropology	Social Anthropology	1809	ANS	ANS_ANT	ANS_
			Students 21										

Demo Time!

What's new in this release?

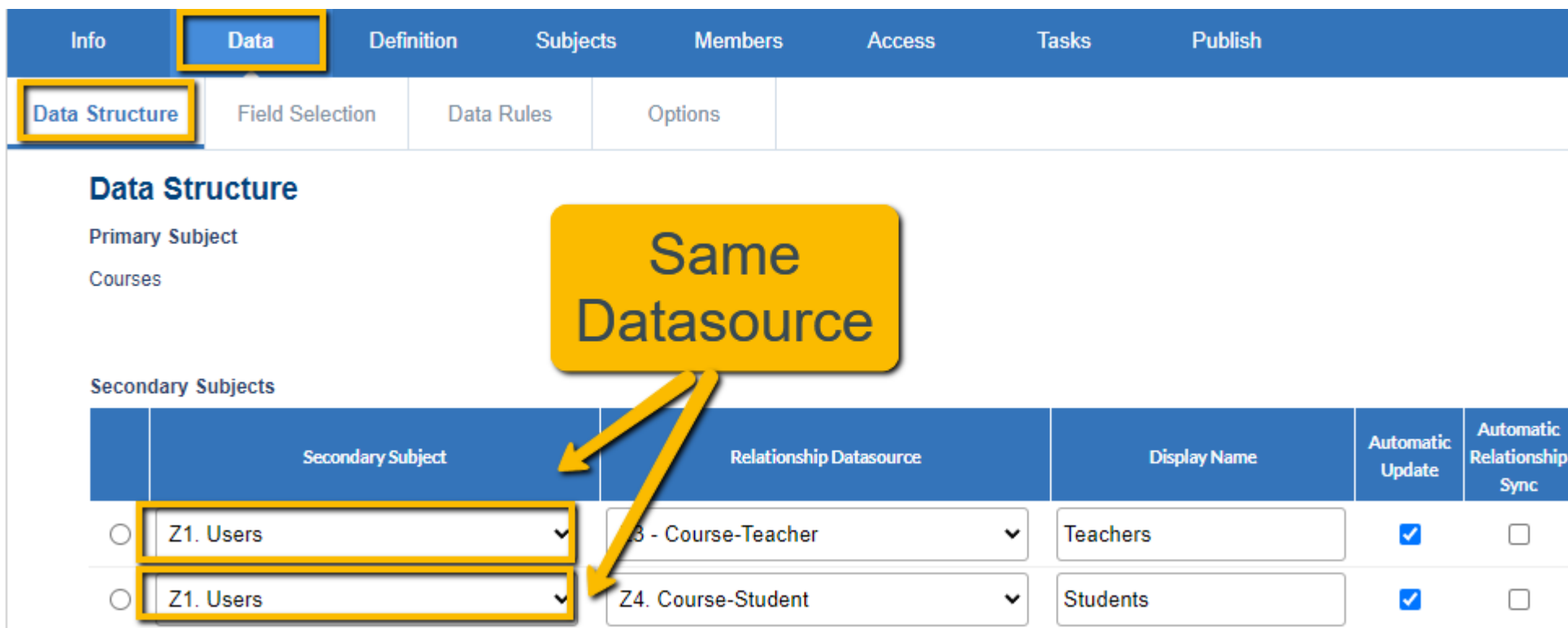
The full list here:

<https://onlinehelp.explorance.com/blue/en/Content/releasenotes/blue91rn.htm?Highlight=blue%209%20release%20note>

Users Datasources

“One size fits all!”

NEW
in DIG



Data Structure					
Primary Subject					
Courses					
Secondary Subjects					
	Secondary Subject	Relationship Datasource	Display Name	Automatic Update	Automatic Relationship Sync
<input type="radio"/>	Z1. Users	3 - Course-Teacher	Teachers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Z1. Users	Z4. Course-Student	Students	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Adding Subgroups

Info **Data** Definition Subjects Members Access Tasks Publish

Data Structure Field Selection **Data Rules** Options

Data Rule Editor

Data Rule Editor

Type Subgroup *

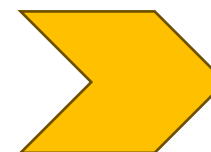
Subject Students *

Field +Course Reason *

Subgroups

Elective
Mandatory
Program

In the DIG preparation task, subject members will be grouped using the elements entered here. Enter one item per line. Duplicate items will be removed from the list. If a member doesn't belong to one of the entered values, then they will be listed under the subgroup Other.



Teachers 2

Lab Technician (1)
• Shumin WONG

Main Lecturer (1)
• Jessica POLLOCK

Students 21

Elective (5)
• Abigail XAYMOUNTRY
• Benjamin SAWYER
• Bianca TAM
• David HSU
• Paul MUI

Program (16)
• Brian LYNCH
• Charmaine PHILP
• Chase GAGNON



Info **Data** Definition Subjects Members Access Tasks Publish

Data Structure Field Selection **Data Rules** Options

Data Rule Editor

Data Rule Editor

Type Subgroup *

Subject Teachers *

Field +Teaching Type *

Subgroups

Guest Speaker
Lab Technician
Main Lecturer
Teaching Assistant

In the DIG preparation task, subject members will be grouped using the elements entered here. Enter one item per line. Duplicate items will be removed from the list. If a member doesn't belong to one of the entered values, then they will be listed under the subgroup Other.

NEW
in DIG

Editing a Published Course

1

Info **Data** Definition Subjects Members Access

Data Structure Field Selection Data Rules **Options**

Options

Access Control






☐ Allow all users to access Data Import/Export

☐ Only Administrators can publish data






☒ Allow the task owner to modify their records after publishing
Changes made to these records may not be reflected in the project until after the nightly sync, and only if automatic update on relationships or automatic field synchronization is enabled.

NEW
in DIG

2

<input type="checkbox"/>			Published	Teachers	1 			
			Modify Published courses	Students	12 		402731 Home Room	2023-Nov-03 00:00
				Teachers	1 			

3

<input checked="" type="checkbox"/>			Editing...	Teachers	1 			
				Students	12 		402731 Home Room	2023-Nov-04 00:00
				Teachers	1 		402732 Home Room	2023-Nov-01 00:00

Publish Changes Cancel

4

Confirm Publish

Are you sure you want to publish your changes?

- Published records may already be in use in a project and changes may impact the data in these projects depending on administration settings.
- Changes may take up to 24 hours to appear if your project is configured to automatically sync data.

No, Cancel Yes, I'm Sure

Pay special attention to...

Prevent Updates

CSV File

No file chosen

(CSV file has to be UTF8 encoded for mul

Prevent data fields from being overwritten by imports from the SIS after save or publish in the DIG project

Field Name	Data Type	Caption	<input type="checkbox"/> Select	<input type="checkbox"/> Prevent Updates
Course_ID	String	Course_ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Name_1	String	Name_1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Course_ID_Bis	String	Course_ID_Bis	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Description	String	Description	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Course_Number	String	Course_Numbe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Info
Data
Definition
Subjects
Members
Access
Tasks
Publish

Data Structure

Field Selection

Data Rules

Options

Data Structure

Primary Subject

Courses

Be careful when selecting Automatic Relationship Sync as you may override changes done to the relationship files in the DIG project

Secondary Subjects

	Secondary Subject	Relationship Datasource	Display Name	Automatic Update	Automatic Relationship Sync
<input type="radio"/>	Z1. Users	Z3 - Course-Teacher	Teachers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Z1. Users	Z4. Course-Student	Students	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Delete
Delete All
Add Secondary Subject

Best practices!

DIG – Best Practices

- **Use transformed (equal Y) in the course evaluation subject filters if all courses need to be verified in DIG.**
- **Use evaluate Y or N in course evaluation subject filters which allow DIG task owners to “assert” if a course is to be evaluated**
- **Consider staging data in multiple DIG periods if evaluation runs on varying cycles through the term.**
- **If DIG is used to merge courses, include any field used in your project logic (filters, triggers, etc.).**

DIG – Best Practices

- **You may want to use more than 1 DIG project to prepare your term's datasources. Make sure to use Subject filters in order to decide which DIG project prepares which courses.**
- **Stop tasks for all non admin task owners after the DIG period is over.**
- **If you merge or Split, ideally, leave these operations at the end of your DIG project.**

DIG Resources

Online Help center:

Register to access the Online Help Center here: <https://support.explorance.com>

For online troubleshooting cases/DIG guide:

<https://onlinehelp.explorance.com/blue/Content/qanda/troubleshootingguide.htm?Highlight=troubleshooting>

An old but still very interesting Video:

<https://www.youtube.com/watch?v=981UkE0aTVI&feature=youtu.be>

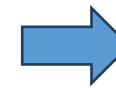
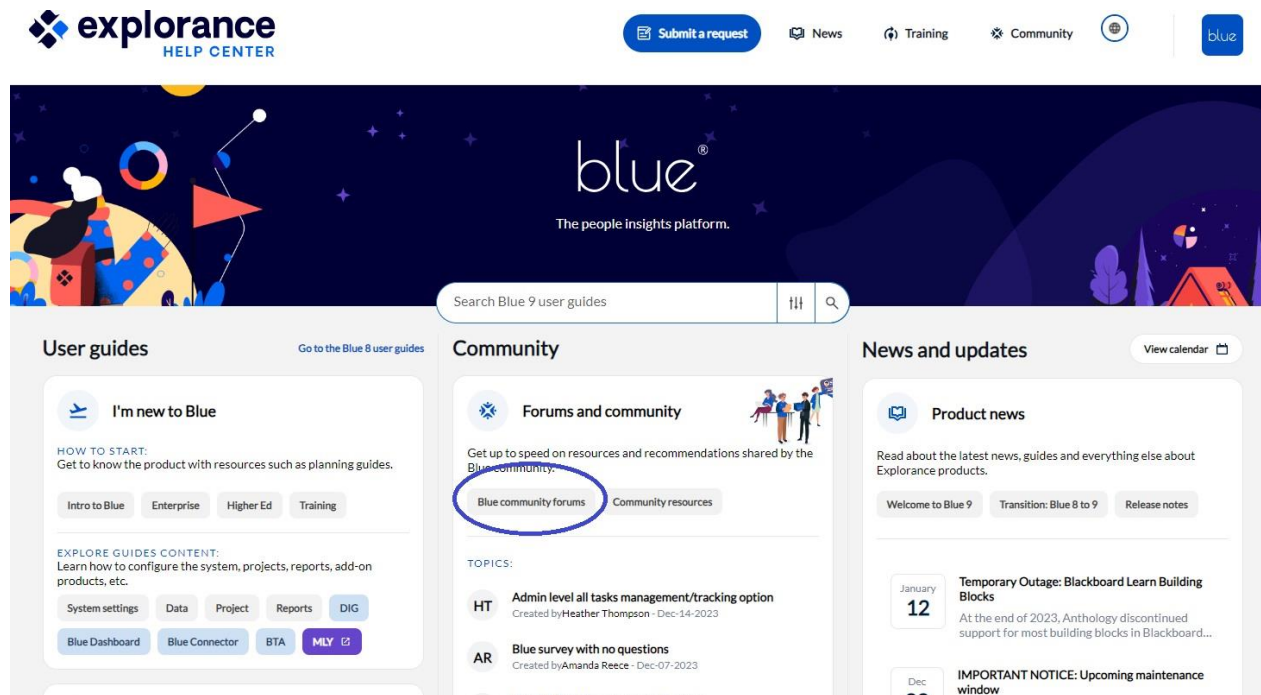
DIG online guide:

<https://onlinehelp.explorance.com/blue/Content/dig/digoverview.htm?Highlight=DIG>

And a PDF version:

<https://onlinehelp.explorance.com/common/blue9files/generated/diguserguide.pdf>

Community resources



[\[Learning Webinar - Questions, Discussions, & Post-Webinar Follow-up\] March 13: How to Use Data Integrity Gateway \(DIG\) to Make Data Preparation Faster for an Accurate Feedback Process](#)

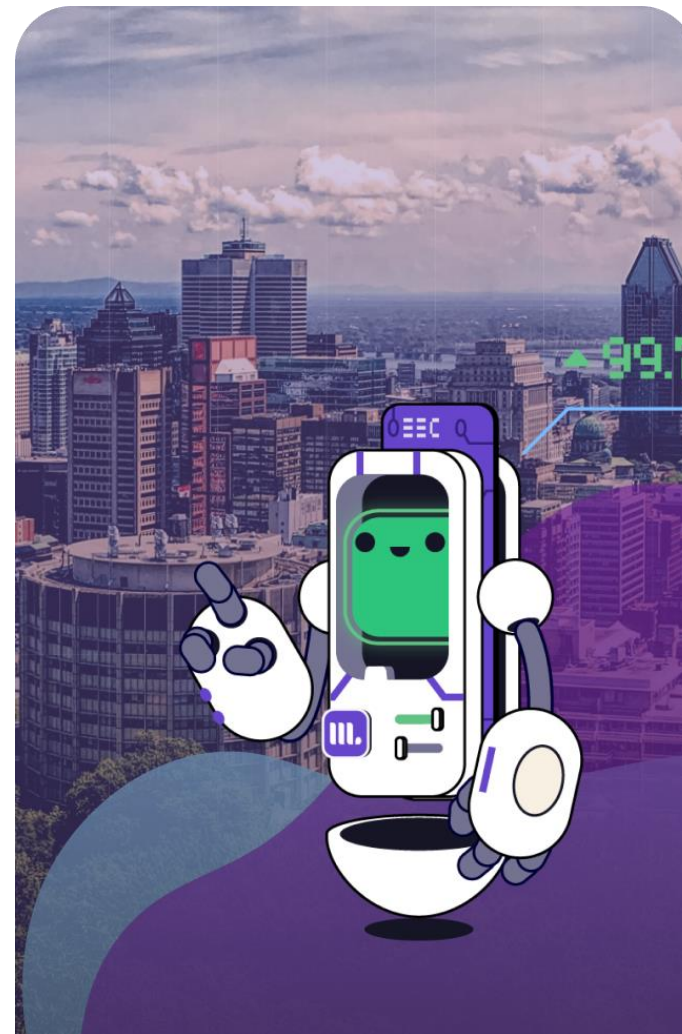


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Feedback for the Brave

**Connecting leaders working with Feedback
Analytics to empower key business initiatives.**

Explorance World 2024 conference caters to all who harness feedback and AI to nurture student success and employee experience – across all industries.



Thank you!