

Using DIG to create a streamlined course evaluation process

Implementing Dynamic Report Viewer with multiple hierarchies

Bluenotes Global 2019

Lisa Votodian

University of Pittsburgh

Pitt Stats

- State-related research university
- Founded as the Pittsburgh Academy in 1787
- Member of the Association of American Universities (AAU)
- One main campus and four regional campuses
- 36,000 total enrolled students
- 5,300 total faculty members
- 7,300 total staff members
- Current Blackboard user but will move to Canvas beginning this fall (full implementation by summer 2010)

Teaching Survey Administration History

1978

The Office of Measurement and Evaluation of Teaching (OMET) is formed and tasked with the administration of **Student Opinion of Teaching Surveys**

1978 to 2012

Surveys are administered on paper

2013

Move to fully online administration

Spring 2016

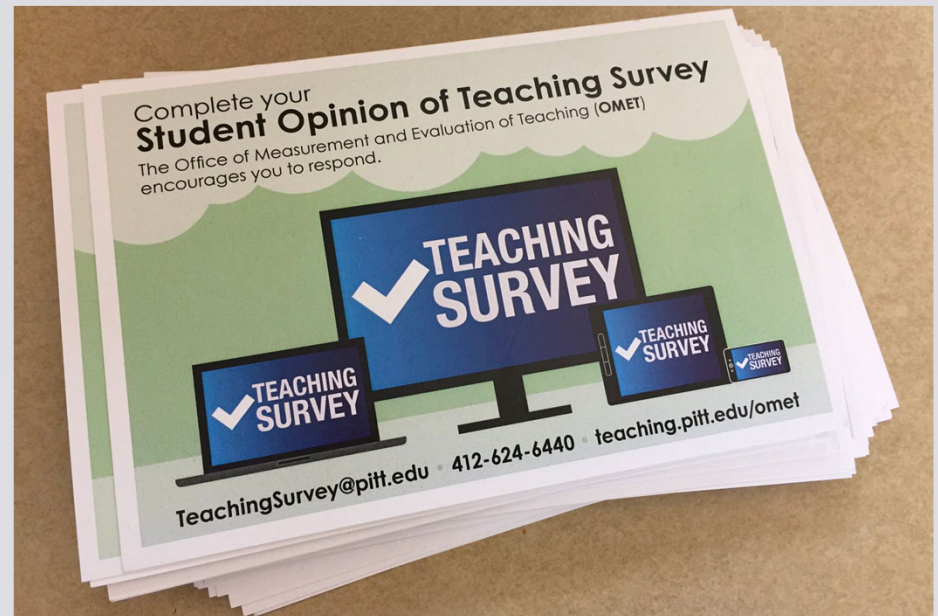
Blue Pilot/Fall 2016 - Blue is implemented university wide

Fall 2018

Direct access to DIG for 21/23 schools is complete

Teaching Survey Awareness Campaign

- Ads
- Flyers
- University Event Calendar
- Online announcements
- Direct mailings
- Digital signage
- Social media posts
- Banners across campus
- Sponsor – WPTS Radio Spots
- Addition of something new each AY



Blue Details

- Course Evaluation
- Version 7.10
- SVM – response rate monitoring
- Question Personalization
- DIG
- Dynamic Report Viewer Access
- Optional Midterm Course Survey (piloting this fall)
- Question Bank (piloting this fall)
- Blue Connector (piloting this fall)

Pitt Details

- 16,000 - Average number of end-of-term surveys administered per academic year
- 180 - Average number of reports created per academic year
- 60% - Average response rate
- Opt-out process
- Eight unique questionnaires across the university
- 98 Blue Question Triggers in place
- Report access varies by school, department, and instructor rank
- No hierarchical structure in our data
- Duplication in the naming of schools and departments

End of Term Teaching Survey

- DIG is used as a data verification tool but all corrections are made in the SIS.
- Opt-outs and date changes are made in DIG.
- Emails are sent from DIG when task is open
- Two DIG projects:
 - School and Department Administrator Access
 - Instructor access for four schools

DIG Project - Data Rules

Index	Type	Subject	Field	Condition	Edit
1	Datasource	Instructors	[Not Applicable]	Add/Remove	Edit
2	Record	Courses	EVALUATE	String	Edit
3	Record	Courses	EVALUATION_START_DATE	Date	Edit
4	Record	Courses	EVALUATION_END_DATE	Date	Edit

- Date Changes
- Opt-out an instructor
- Opt-out the class

DIG Task

Save **Cancel**

Make sure to "Save" your changes

Object ID: 2181-13769

Name: LAW 5911 - JOURNAL OF LAW AND COMMERCE - 1010 - Workshop

DEPARTMENT_CD: LAW

CAMPUS_CD: PIT

SCHOOL_CD: LAWS

SESSION_CD: FPL

CLASS_NBR: 13769

COURSE_TYPE: Workshop

CROSS_LISTED: N

EVALUATION_START_DATE: 2017-Nov-18 00:00

EVALUATION_END_DATE: 2017-Dec-08 00:00

Changing Survey Period Dates

EVALUATE: Yes

Opting out the course just type in "No" here

CLASS_ATTRIBUTE

TEAM_TAUGHT: Yes

Instructors: 2

Opting out an instructor

Click on the X to opt out one or more instructors leaving the course and remaining instructor to be surveyed

Valid: Harry, Peter

Assign Instructors

Survey Project Filters

- Can Publish DIG changes at any time
- Member data is exported from the project and sent back to School & Department Admins to verify

My Projects

✔ **Editing: 2197 - Teaching Survey Summer 2019**
Project Shortcuts ▾ Manage Project

Info
Questionnaire
Definition
Subjects
Members
Triggers

Tasks
Language
Publish

General
Organizational Links
Group
Shared Group
Subject Filter

Secondary Subject Filter Group Filter

Subject Filter (Courses)

Select Subject Source Courses ▾
Add Filter
Courses
Date
(
)
And
Or

Results: 1 - 5 of 5 Item(s)

	Filter Condition
<input checked="" type="radio"/>	Courses.TERM_NUMBER Contains 2197
<input type="radio"/>	And
<input type="radio"/>	Courses.Transformeds Contains Yes
<input type="radio"/>	And
<input type="radio"/>	Courses.EVALUATE Contains Yes

Delete
Delete All

Task Dates

Info Questionnaire Definition Subjects Members Triggers Access **Tasks** Language

Publish

Settings Centralized Email Dynamic Days

Task Settings

	Task Title	Type	Task Dates		
<input type="checkbox"/>	Subject Fill Out	External		Edit	Preview
<input checked="" type="checkbox"/>	Subject View Management	Privilege	Start Date: +0 day(s) from EVALUATION_START_DATE of Courses / End Date: +0 day(s) from EVALUATION_END_DATE of Courses	Edit	Preview
<input type="checkbox"/>	Rater Selection	Task		Edit	Preview
<input type="checkbox"/>	Rater Selection Signing	Task		Edit	Preview
<input checked="" type="checkbox"/>	Question Personalization	Task	Start Date: -8 day(s) from EVALUATION_START_DATE of Courses / End Date: -1 day(s) from EVALUATION_START_DATE of Courses	Edit	Preview
<input type="checkbox"/>	Question Personalization Signing	Task		Edit	Preview
<input checked="" type="checkbox"/>	Form Fill Out	Task	Start Date: +0 day(s) from EVALUATION_START_DATE of Courses / End Date: -0 day(s) from EVALUATION_END_DATE of Courses	Edit	Preview
<input type="checkbox"/>	Form Fill Out Signing	Task		Edit	Preview

Advantages

DIG Project

- Can have multiple DIG projects feed into one evaluation project
- Can control the data fields that instructors or administrators can edit
- Can be Opt-In or Opt-Out
- User Friendly interface – easy to roll out to end users
- A good way to verify all DW and SIS instructor and course data

Evaluation Project

- Can publish a project with only a few subjects – no risk of hundreds or thousands of tasks being activated
- Task dates can point to edits in DIG

Using the flexibility of Blue and DIG NEW – Midterm Course Survey Option

Current options

- Qualtrics
- Blackboard survey tool
- Top Hat
- Instructor paper or online survey

Requires the instructor to create the questionnaire, import email addresses (Qualtrics), and administer the survey.

Blue Option

- Instructors can request a midterm course survey through their dashboard > DIG
- Standard dates
- Five standard questions applied
- QP option
- Individual instructor reports will be released 1 - 2 days after surveys close

DIG Data Rules

The screenshot displays the 'My DIG Projects' interface for a user named Lisa Vododian. The active project is 'Test Cycle - Request a Midterm Course Survey'. The 'Data Rules' tab is selected, showing a table with two rules. Rule 1 is a 'Datasource' rule for 'Instructors' with a '[Not Applicable]' condition. Rule 2 is a 'Record' rule for 'Courses' with an 'EVALUATE' condition. A detailed view of Rule 2 is shown on the right, indicating it is 'Valid' and associated with the course 'INTBP 2011 - LAB RSRCH ROTATION SUPPLEMENT - 1200 - Practicum'. The evaluation date is set from 2019-Jul-24 to 2019-Jul-30, and the evaluation type is 'Midterm Course Survey'.

My DIG Projects
 Editing: Test Cycle - Request a Midterm Course Survey

Data Rules

Index	Type	Subject	Field	Condition	Edit
1	Datasource	Instructors	[Not Applicable]	Add/Remove	Edit
2	Record	Courses	EVALUATE	List	Edit

Data Rule Details (Rule 2):

- Status:** Valid
- Object ID:** 2197-16873
- Name:** INTBP 2011 - LAB RSRCH ROTATION SUPPLEMENT - 1200 - Practicum
- TERM_NUMBER:** 2197
- EVALUATION_START_DATE:** 2019-Jul-24
- EVALUATION_END_DATE:** 2019-Jul-30
- EVALUATE:** ✓ - Midterm Course Survey
- Instructors:** 1

Survey Project Filters

Info Questionnaire Definition Subjects Members Triggers Access Tasks Language

Publish

General Organizational Links Group Shared Group Subject Filter Secondary Subject Filter Group Filter

Subject Filter (Courses)

Select Subject Source Courses Add Filter Courses Date () And Or Not

Results: 1 - 5 of 5 Item(s)

	Filter Condition
<input checked="" type="radio"/>	Courses.TERM_NUMBER Is 2197
<input type="radio"/>	And
<input type="radio"/>	Courses.Transformeds Is Yes
<input type="radio"/>	And
<input type="radio"/>	Courses.EVALUATE Begins with Mid

Delete Delete All

Customizing DIG

Each DIG project can be titled to reflect specific tasks

My Home

Tasks

2 of 2 (filtered from 2 tasks)

- Review and Publish the data assigned to you for Summer 2019 - Teaching Survey Instructor Opt - out
Sat, Aug 10, 2019 11:59 PM
- Review and Publish the data assigned to you for Summer 2019 - Teaching Survey OMET and School/Department Admin Opt - out
Sat, Aug 10, 2019 11:59 PM

Reports

Tasks

2 of 2 (filtered from 2 tasks)

- Request a Midterm Course Survey
Fri, Jul 19, 2019 11:59 PM
- Review and Opt-out of Teaching Surveys
Wed, Jul 24, 2019 11:59 PM

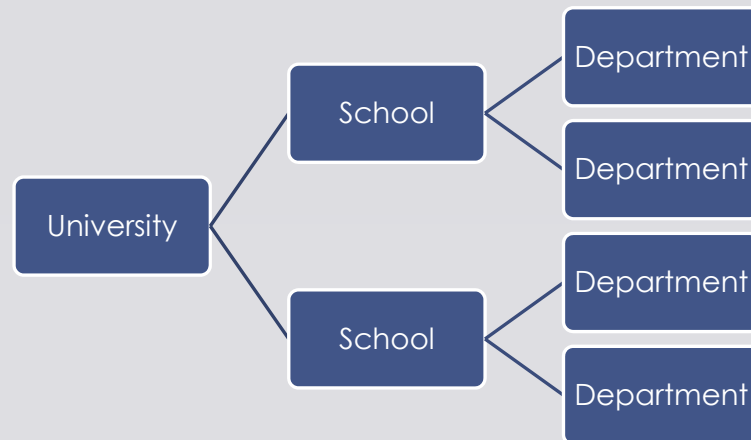
Submit a Help Ticket to remove or change “Review and Publish the data assigned to you for”

Implementing Dynamic Report Viewer with multiple hierarchies

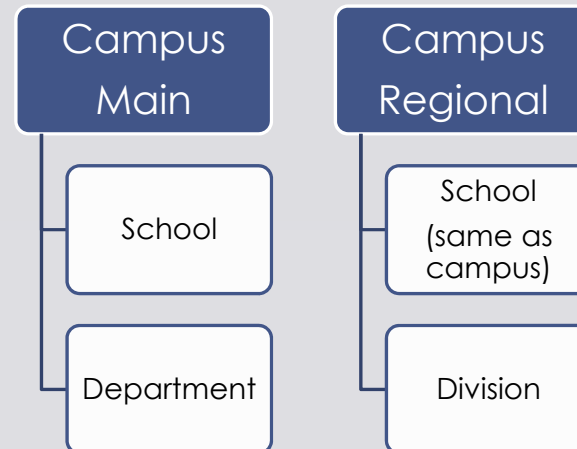
- No hierarchy structure in our course file.
- Duplication in naming of schools & departments.
- Report viewing privileges vary across the university depending on:
 - School or department
 - Instructor rank

Hierarchy Template

Blue Example



Pitt Data



Report Viewer Levels

- Dean, President, & Department Chair Levels
- Levels 1 - 4 have access to results to all numeric and comments questions.
 - Level 1- all instructor ranks
 - Level 2 to 4 – limited instructor ranks
- Levels 5 to 8 have access to results to numeric questions only.
 - Level 5 – all instructor ranks
 - Levels 6 to 8 – limited instructor ranks

Blue Role Structure

Roles
Hierarchy Templates

Organizational Roles

Define roles within the organization that may participate in the feedback process (tutor, teacher assistant, instructor, etc.) or that will have access to reports (dean, provost, department chair, etc.).

Results: 1 - 30 of 35 Item(s) 1 2

	Organizational Role ID ▲	Organizational User Role	Edit
<input type="radio"/>	Dean Level 1	Dean Level 1	Edit
<input type="radio"/>	Dean Level 2	Dean Level 2	Edit
<input type="radio"/>	Dean Level 3	Dean Level 3	Edit
<input type="radio"/>	Dean Level 4	Dean Level 4	Edit
<input type="radio"/>	Dean Level 5	Dean Level 5	Edit
<input type="radio"/>	Dean Level 6	Dean Level 6	Edit
<input type="radio"/>	Dean Level 7	Dean Level 7	Edit
<input type="radio"/>	Dean Level 8	Dean Level 8	Edit
<input type="radio"/>	Department Chair Level 1	Department Chair Level 1	Edit
<input type="radio"/>	Department Chair Level 2	Department Chair Level 2	Edit
<input type="radio"/>	Department Chair Level 3	Department Chair Level 3	Edit
<input type="radio"/>	Department Chair Level 4	Department Chair Level 4	Edit
<input type="radio"/>	Department Chair Level 5	Department Chair Level 5	Edit
<input type="radio"/>	Department Chair Level 6	Department Chair Level 6	Edit
<input type="radio"/>	Department Chair Level 7	Department Chair Level 7	Edit
<input type="radio"/>	Department Chair Level 8	Department Chair Level 8	Edit
<input type="radio"/>	Division Head Level 1	Division Head Level 1	Edit
<input type="radio"/>	Division Head Level 2	Division Head Level 2	Edit
<input type="radio"/>	Division Head Level 3	Division Head Level 3	Edit
<input type="radio"/>	Division Head Level 4	Division Head Level 4	Edit
<input type="radio"/>	Division Head Level 5	Division Head Level 5	Edit
<input type="radio"/>	Division Head Level 6	Division Head Level 6	Edit

Roles

Hierarchy Templates

Hierarchy Templates

Create a hierarchy template that represents the structure of your organization. This hierarchy will be used when setting up a hierarchy datasource.

Results: 1 - 5 of 5 Item(s)

	Hierarchy Template ▲	Levels	Edit
<input type="checkbox"/>	Oakland Department	2	Edit
<input type="checkbox"/>	Oakland School	2	Edit
<input type="checkbox"/>	Regional Division	2	Edit
<input type="checkbox"/>	Regional School	1	Edit
<input type="checkbox"/>	UHC	1	Edit

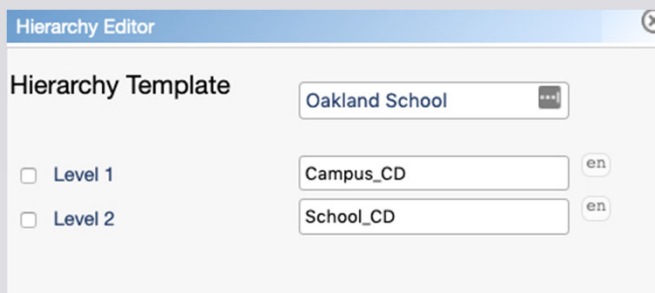
Add

Delete

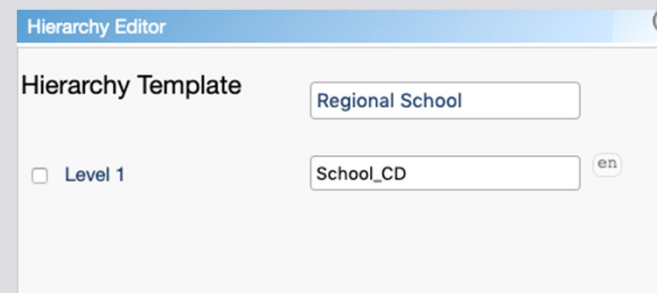
Hierarchy Templates

Main Campus - School and Campus are different

Regionals – School and campus are the same



A screenshot of the 'Hierarchy Editor' window. The title bar reads 'Hierarchy Editor' with a close button. The main content area is titled 'Hierarchy Template' and contains a dropdown menu with 'Oakland School' selected. Below this, there are two checkboxes: 'Level 1' and 'Level 2'. To the right of 'Level 1' is a text input field containing 'Campus_CD' and a small 'en' button. To the right of 'Level 2' is a text input field containing 'School_CD' and a small 'en' button.



A screenshot of the 'Hierarchy Editor' window. The title bar reads 'Hierarchy Editor' with a close button. The main content area is titled 'Hierarchy Template' and contains a dropdown menu with 'Regional School' selected. Below this, there is one checkbox: 'Level 1'. To the right of 'Level 1' is a text input field containing 'School_CD' and a small 'en' button.

DRV Relationship Files

- Maintain a master copy for each term
- Not all Levels are populated
- Current files for each Level
 - Dean Level - 1 & 5 only
 - Regional Campus Presidents - Level 1 only
 - Department Chair - Levels 1, 3, 7 only
 - Regional Campus Division Heads - Level 5 only

Applying Dynamic Report Viewers

Examples

Level 1 Department Report

- Filtered for schools A, B, and C
- Includes Numeric and Comments
- Includes all Instructor Ranks
- Apply School and Department Level 1 viewers

Level 7 Department Report

- Filtered for schools D, E, and F
- Filtered by Instructor Rank
Description = Teaching Assistant
- Include Numeric Questions Only
- Apply School and Department Level 7 viewers

Advantages

- Replaces having to create one-to-one supervisor- course relationship files
- Managing report viewer changes can be done easily within each relationship file
- Reports can be easily updated to reflect report viewer changes
- Can add Hierarchies and Levels if necessary
- Can still add report viewers manually

Thank You!

Q&A