



Avoiding DegreeWorks Localization Pitfalls: Programming Practices

Gabriel Tocci

04-OCT-2017 @ 11:15am - 12:15pm

Session ID # 703

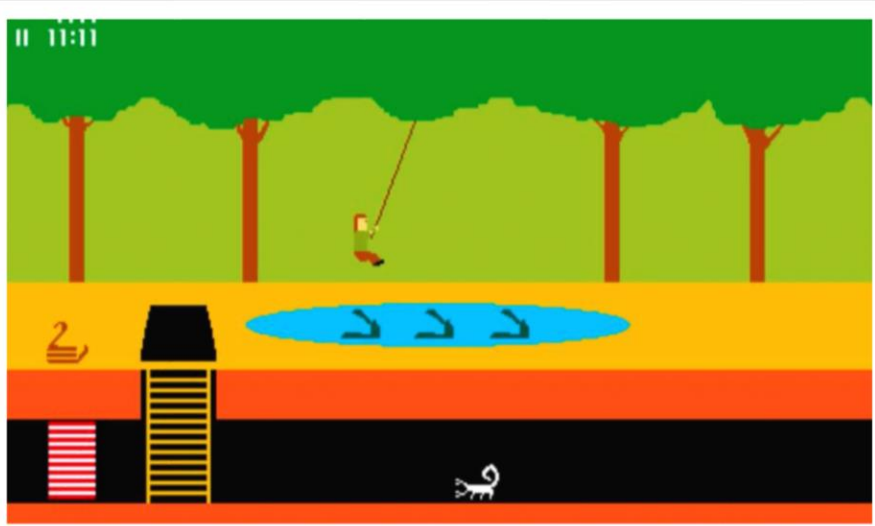


EAST TENNESSEE STATE
UNIVERSITY

Session Format

- ❖ 60 minute time slot
 - ❖ Q&A
- ❖ Conference Track: DegreeWorks & Technical
- ❖ Scribe?
 - ❖ Un-uh. Sorry!
- ❖ Can you see REAL good?
- ❖ gabrieltocci.com/slides





Avoid difficult pitfalls via code version control





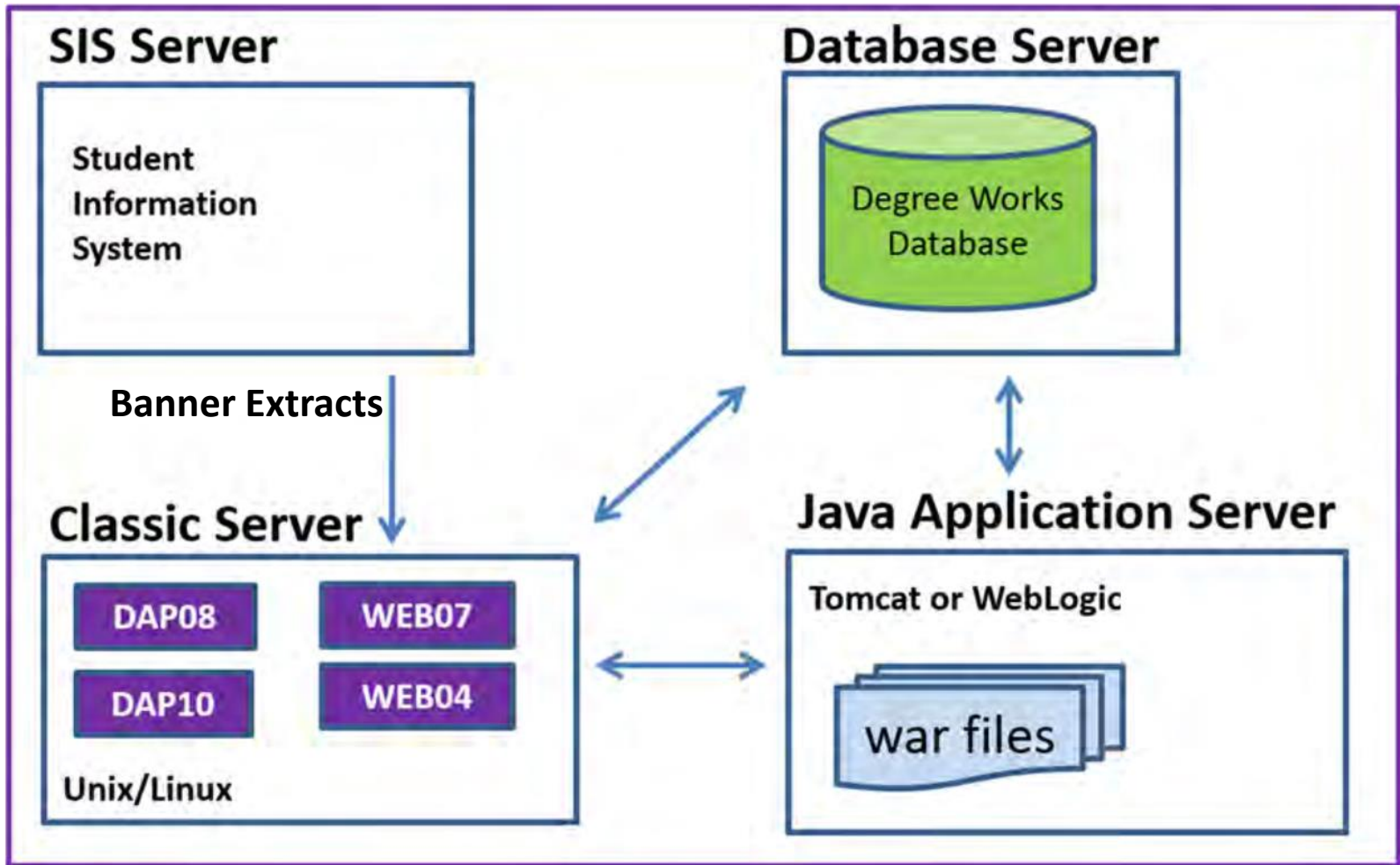
- Degree Audit System

- ❖ Students and Courses / PROD -> DGWP
- ❖ Curriculum / Scribe
- ❖ Audit view / WebApp
- ❖ Program Plans
 - ❖ Registration Integration
 - ❖ Argos Reports

- End Users

- ❖ Students: Audits & Plans
- ❖ Advisors: Audits, Plans, Notes, Exceptions
- ❖ Graduation Office: Audits & Exceptions





Code That Changes: Git

❖ Banner Extracts

- ❖ User, Student, Staff, Courses
- ❖ User Roles
- ❖ BIF Document

❖ SureCode

- ❖ UCX Settings
- ❖ Ban080's

❖ SHP Scripts

❖ XML/FOP

❖ Dashboard

- ❖ SourceTree
- ❖ Gitlab-ci.yml





etsu

ETSU mods to DegreeWorks

★ Unstar
1
Fork
0
SSH
git@git.etsu.edu:degreeworks/etsu
📄
📄
+
🔔 Global

[Files \(1.2 MB\)](#)
[Commits \(26\)](#)
[Branches \(2\)](#)
[Tags \(0\)](#)
[Readme](#)
[Add Changelog](#)
[Add License](#)
[Add Contribution guide](#)
[Set up CI](#)

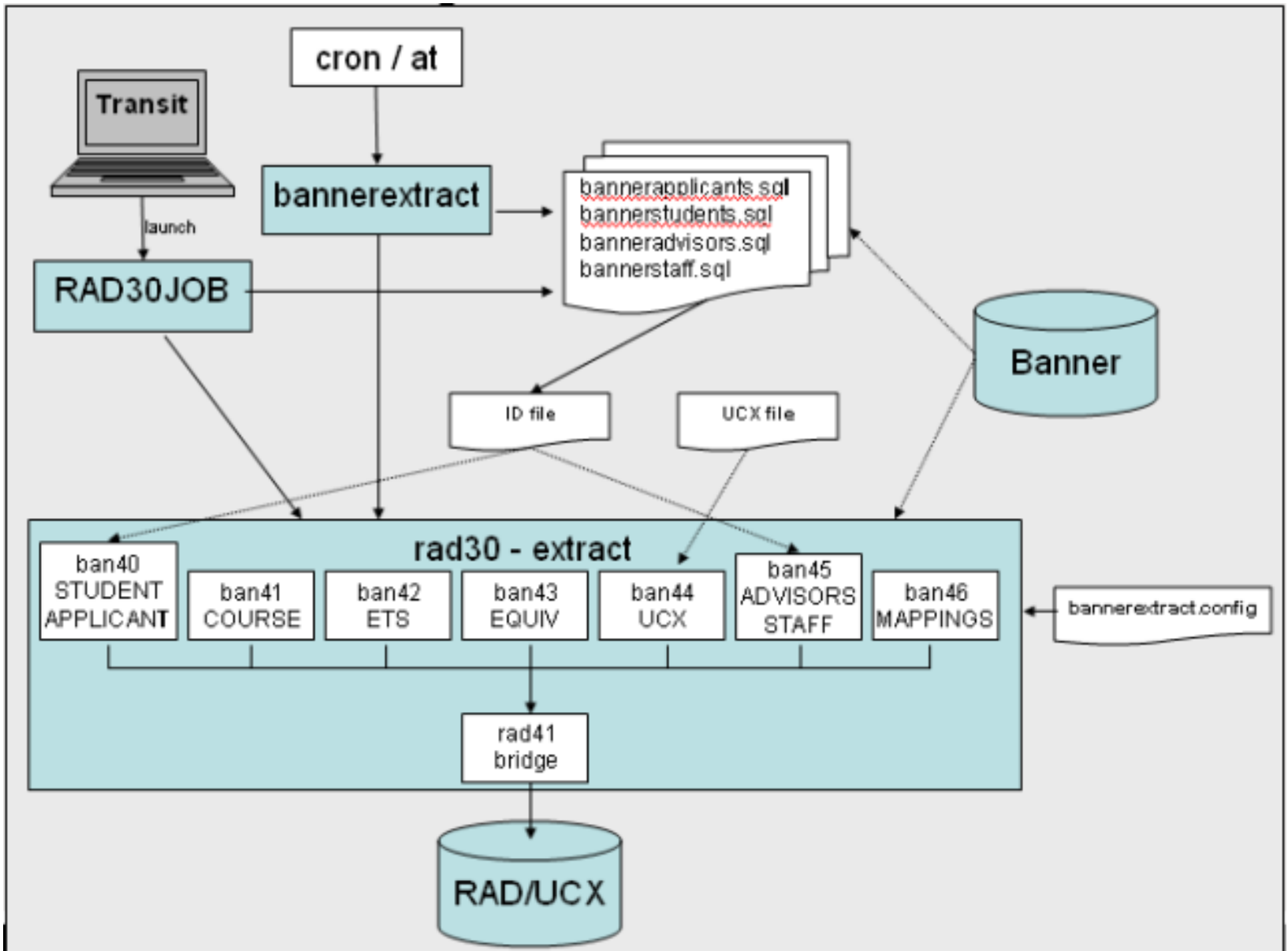
master
etsu /
+
History
🔍 Find file
📄

removed sgbstdn beacuse its not alywas in sync w/sorlcur and sorlfos
...
c970b439
📄

Gabriel Tocci committed 6 months ago

Name	Last commit	Last Update
Localization	Notes on localization made per screen from initial ...	a year ago
ban080	TFS#771	7 months ago
etsudas4	Fix Http Header to Allow luminis Frame	3 years ago
etsudban	moved CLRK so it doesnt get stomped	2 years ago
tess	4.1.6 localizations added	a year ago
ETSU_Localizations_Worksheet.xls	Initial checking from:	3 years ago
bannerextract.config	removed sgbstdn beacuse its not alywas in sync w/...	6 months ago
logo.png	common/logo.png	2 years ago
readme.txt	cleaned up the formatting	3 years ago





	<pre> 60 61 -- set ADVT 62 update dwschema.shp_user_mst dgw_roles 63 set dgw_roles.shp_filter = 'ADVT' 64 where trim(dgw_roles.shp_access_id) in 65 (select banner.enunder 66 from oitetsu.etsu_dgw_roles@tsth.etsu.edu banner 67 where banner.dgw_role = 'ADVT'); 68 </pre>
 <p>moved CLRK so it doesnt get stomped Gabriel Tocci committed 2 years ago</p> <p>80db0a0f</p>	<pre> 69 -- set CLRK 70 update dwschema.shp_user_mst dgw_roles 71 set dgw_roles.shp_filter = 'CLRK' 72 where trim(dgw_roles.shp_access_id) in 73 (select banner.enunder 74 from oitetsu.etsu_dgw_roles@tsth.etsu.edu banner 75 where banner.dgw_role = 'CLRK'); 76 </pre>
 <p>init commit from legacy Gabriel Tocci committed 2 years ago</p> <p>de9addfc</p>	<pre> 77 -- set REG 78 update dwschema.shp_user_mst dgw_roles 79 set dgw_roles.shp_filter = 'REG' 80 where trim(dgw_roles.shp_access_id) in 81 (select banner.enunder 82 from oitetsu.etsu_dgw_roles@tsth.etsu.edu banner 83 where banner.dgw_role = 'REG'); 84 85 commit; 86 87 quit </pre>



Commit 80db0a0f authored 2 years ago by Gabriel Tocci

Browse files

Options ▾

moved CLRK so it doesnt get stomped

git-tfs-id: [http://etsutfs:8080/tfs/ISCollection]\$/Dev/Banner/DegreeWorks;C2157

parent de9addfc master ...

Showing 1 changed file ▾ with 8 additions and 8 deletions

Hide whitespace changes

Inline

Side-by-side

etsudban/sql/etsu_roles.sql

View file @ 80db0a0f

```
... @@ -34,14 +34,6 @@ update dwschema.shp_user_mst dgw_roles
34      from oitetsu.etsu_dgw_roles@tsth.etsu.edu banner)
35      and dgw_roles.shp_filter in ('CLRK','ADVX','ADVT','ADV','REG','ATHL');
36
37  -- set CLRK
38  update dwschema.shp_user_mst dgw_roles
39  set dgw_roles.shp_filter = 'CLRK'
40  where trim( dgw_roles.shp_access_id ) in
41  (select banner.enunder
42   from oitetsu.etsu_dgw_roles@tsth.etsu.edu banner
43   where banner.dgw_role = 'CLRK');
44
45  -- set ADVX
46  update dwschema.shp_user_mst dgw_roles
47  set dgw_roles.shp_filter = 'ADVX'
... @@ -74,6 +66,14 @@ update dwschema.shp_user_mst dgw_roles
74      from oitetsu.etsu_dgw_roles@tsth.etsu.edu banner
75      where banner.dgw_role = 'ADVT');
76
69  + -- set CLRK
70  + update dwschema.shp_user_mst dgw_roles
71  + set dgw_roles.shp_filter = 'CLRK'
72  + where trim( dgw_roles.shp_access_id ) in
```



Surecode

- ❖ Surecode? Yuk!
 - ❖ Export to File
 - ❖ Version Control
 - ❖ Import
 - ❖ BAN080
 - ❖ Do as much as possible with SQL

Key *	<input type="text" value="GPAINST: COLUMN"/>
Value 1	<input type="text" value="SHRLGPA_LEVL_CODE ',' "/>
Value 2	<input type="text" value="to_char(trunc(SHRLGPA_GPA,3),9.999)"/>
Value 3	<input type="text"/>
Value 4	<input type="text"/>
Status	<input type="button" value="▼"/>
Client Reserve	<input type="text"/>



☰ SureCode-BAN080.txt ✕

```
1  BAN080ACSTANDING: COLUMN ..... SHRTRM_ASTD_CODE_END_OF_TERM .....
2  BAN080ACSTANDING: REPORT ..... stvastd .....
3  BAN080ACSTANDING: TABLE ..... SHRTRM a .....
4  BAN080ACSTANDING: WHERE_1 ..... a.SHRTRM_term_code = (SELECT MAX ..... (b.SHRTRM_term_code)
5  BAN080ELS_CODE: COLUMN ..... SORTEST_TESC_CODE .....
6  BAN080ELS_CODE: TABLE ..... SORTEST .....
7  BAN080ELS_CODE: WHERE_1 ..... sortest_tesc_code in ('CTOE', 'IT01', 'IT02', 'IT03', 'IT05', 'T02', 'IEL1', '
8  BAN080GPAINST: COLUMN ..... SHRLGPA_LEVL_CODE || ', ' || SHRLGPA_GPA .....
9  BAN080GPAINST: REPORT .....
10 BAN080GPAINST: TABLE ..... SHRLGPA .....
11 BAN080GPAINST: WHERE_1 ..... shrlgpa_gpa_type_ind = 'I' .....
12 BAN080INTGRAD: COLUMN ..... SHRDGMR_DEGS_CODE .....
13 BAN080INTGRAD: TABLE ..... SHRDGMR .....
14 BAN080INTGRAD: WHERE_1 ..... SHRDGMR_DEGS_CODE in ('SO', 'PN', 'AW') .....
15 BAN080PREVDEGREE: COLUMN ..... SORDEGR_DEGC_CODE .....
16 BAN080PREVDEGREE: CUSTOM ..... NONE .....
17 BAN080PREVDEGREE: TABLE ..... SORDEGR trans_degr, SGBSTDN stu .....
18 BAN080PREVDEGREE: WHERE_1 ..... stu.sgbstdn_term_code_eff = ..... (select max(s2.sgbstdn
19 BAN080PREVDEGREE: WHERE_2 ..... where s2.sgbstdn_pidm = stu.sgbstdn_pidm) ..... and (trans_degr.sorde
20 BAN080TBR_DEGR: COLUMN ..... SORDEGR_DEGC_CODE .....
21 BAN080TBR_DEGR: TABLE ..... SORDEGR trans_degr, SGBSTDN stu .....
22 BAN080TBR_DEGR: WHERE_1 ..... stu.sgbstdn_term_code_eff = ..... (select max(s2.sgbstdn
```



TFS#771

git-tfs-id: [http://etsutfs:8080/tfs/ISCollection]\$/Dev/Banner/DegreeWorks;C3675

parent 70a1f9c1 master ...

Showing 4 changed files ▾ with 8 additions and 3 deletions


Hide whitespace changes

Inline

Side-by-side

▶  ban080/INTGRAD.jpg deleted 100644 → 0 



View file @ 70a1f9c1

This diff is collapsed. [Click to expand it.](#)▶  ban080/PREVDEGREE.jpg deleted 100644 → 0 

View file @ 70a1f9c1

This diff is collapsed. [Click to expand it.](#)▶  ban080/SureCode-BAN080.txt 

View file @ 70f6f667

This diff is collapsed. [Click to expand it.](#)▼  ban080/SureCode-SCR002.txt 

View file @ 70f6f667

...	...	@@ -3,9 +3,11 @@ SCR002DSPM	Dev Math	R323	R322
3	3	SCR002DSPR	Dev Reading	R323	R322EVDSPR
4	4	SCR002DSPW	Dev Writing	R323	R322EVDSPW
5	5	SCR002ELS_CODE	English Learner Student Code	R323	R322EVELS_CODE
	6	+ SCR002GPAIN	ETSU GPA	R323	R322EVGPAIN
6	7	SCR002GPAINST	ETSU GPA	R323	R322EVGPAINST

shrlgpa_gpa number(23,9) => 3.420914525

SHRLGPA_LEVEL_CODE || ',' || to_char(trunc(SHRLGPA_GPA,3),9.999)

```
681 <Report Code="GPAINST" Value="DS, .000"/>
682 <Report Code="GPAINST" Value="GR, 3.683"/>
683 <Report Code="GPAINST" Value="UG, 3.420"/>
684 <Report Code="GPAOV" Value="3.683"/>
685 <Report Code="GRADTERM" Value="CISC-BS,200810"/>
686 <Report Code="GRADTERM" Value="CSCI-MS,201310"/>
```

```
468 <td class="StuTableData">
469     <xsl:for-each select="/Report/Audit/Deginfo/Report[@Code='GRADTERM']">
470         <xsl:if test="substring-before(@Value,',') = /Report/Audit/Deginfo/Goal[@Code='PROGRAM']/@Value">
471             <xsl:value-of select="substring-after(@Value,',')" />
472         </xsl:if>
473     </xsl:for-each>
474 </td>
```



Other Customizable Assets on Back End

- ❖ SHP Scripts
 - ❖ Dynamic Webpage Content
 - ❖ Permission Based
 - ❖ Web04 Job Builds Webpages
- ❖ Apache-fop



Front End Localizations

- ❖ UCX Configuration
 - ❖ SureCode: RPT036, CFG020, SCR001
 - ❖ WebUI and Manual Available
 - ❖ Requires Webrestart
- ❖ Java WebApps
 - ❖ Dashboard
 - ❖ TESS
 - ❖ Admin Apps: Dwshell, webscribe, etc?





dashboard

★ Unstar 1 Fork 0 SSH git@git.etsu.edu:degreeworks/dash Global

Files (49.8 MB) Commits (9) Branches (3) Tags (0) CI configuration [Add Changelog](#) [Add License](#) [Add Contribution guide](#)

master dashboard / [History](#) Find file

updated per ellucian Case #01561218
Gabriel Tocci committed 6 months ago ca726f60

Name	Last commit	Last Update
Images_DG2	Adding missing header images.	11 months ago
META-INF	Baseline 4.1.6	11 months ago
WEB-INF	updated per ellucian Case #01561218	6 months ago
common	ETSU Mods	11 months ago
css	Baseline 4.1.6	11 months ago
errors	Baseline 4.1.6	11 months ago
help	Baseline 4.1.6	11 months ago
js	Baseline 4.1.6	11 months ago
jsp	Baseline 4.1.6	11 months ago
.gitlab-ci.yml	Collapsing yum commands in CI.	11 months ago



Some Dashboard Servlet Files

- ❖ XSLT Stylesheets
 - ❖ DGW_Report.xsl
 - ❖ AuditSEP.xsl
 - ❖ DGW_Registration.xsl
 - ❖ AuditExceptions.xsl
 - ❖ AuditTranscript.xsl
 - ❖ AuditDisclaimer.xml
- ❖ CSS: DGW_Style.css
- ❖ Image Files
- ❖ HTML
 - ❖ SD_HeaderFrame.html
 - ❖ SD_ExpHeader.html
- ❖ JS: DGW_Functions.js



Portal	FAQ	Help	Print	Exception Management	Log Out				
Find	Student ID ****	Name Ludlow, Constantine	Degree B.S.	Major Math & Comp & Stat	Level U	Classification Sophomore	Last Audit 09/18/2008	Last Refresh 06/10/2008 at 2:33 p.m	
Worksheets	Planner	Notes	Petitions	Exceptions	GPA Calc	Admin			
Worksheets	Format: Student View	View	Process New	<input checked="" type="checkbox"/> Include in-progress classes	<input checked="" type="checkbox"/> Include preregistered classes	Class History			
History	Student View AA036941 as of 09/18/2008 at 22:50								
What If	Student	Ludlow, Constantine M 20033	Level	Undergraduate School					
Look Ahead	ID	****	College	College of Science					
	Advisor 1	Powers, Peter K.	Degree	BACHELOR OF SCIENCE					
	Advisor 2		Major	Math & Comp & Stat					
	Overall GPA	2.973	Classification	Sophomore					
Degree Progress									
Requirements		30%							
Units		309%							
<input checked="" type="checkbox"/> Major in Mathematics				Academic Year:	2005-2006	Units Required:	68		
				GPA:	3.100	Units Applied:	210		
<input type="checkbox"/> Banner test rule				Still Needed:	10 Classes in LAW 6792 or MUSC 5 or SOCI 201 or RELS 2000				
<input type="checkbox"/> Banner test rule - with attributes				Still Needed:	10 Units in ARTS 400 or B70T R0005 or EC 103 or EN 091 or SP 207				
<input checked="" type="checkbox"/> Banner test rule - with prereqs				ENGL 1001	Expository Writing I	A	4	Fall 2000	
				Satisfied by	EN 105 - Napier University				
				ENGL 1001	Expository Writing I	A	4	Fall 2000	
				Satisfied by	EN 105 - Napier University				
				ENGL 1005	Literature & Composition I	B	3	Fall 2000	
				Satisfied by	EN 108 - Napier University				
<input type="checkbox"/> Banner test rule - with sections				Still Needed:	10 Units in ASTR 503 or GEOL 1031 or 1041 or GERM 321 or HERB 500				
<input type="checkbox"/> LOWER DIVISION REQUIREMENTS (24)									
<input type="checkbox"/> Calculus I (4)				Still Needed:	4 Units in MATH 1304				
<input type="checkbox"/> Calculus II (4)				Still Needed:	4 Units in MATH 1305				

DGW_Report.xsl

❖ Block Headers

- ❖ Block Catalog Year
- ❖ Block GPA
- ❖ Block Credits/Classes Applied
- ❖ Block Credits/Classes Required

❖ Block Attributes

- ❖ Block ID = @Req_id
- ❖ Block Title = @Title
- ❖ Block Type = @Req_type
- ❖ Block Percent Complete = @Per_complete
- ❖ Catalog Year Literal (@Cat_yrLit)
- ❖ Block Value (@Req_value)
- ❖ Catalog Year Start (@Cat_yr_start)



DGW_Report.xsl

```
<xsl:when test="@Req_type = 'OTHER'">  
  <xsl:choose>  
    <xsl:when test="@Req_value = 'GENED'">  
      <xsl:call-template name="tBlockHeader_1"/>  
    </xsl:when>  
    <xsl:otherwise>  
      <xsl:call-template name="tBlockHeader_2"/>  
    </xsl:otherwise>  
  </xsl:choose>  
</xsl:when>
```

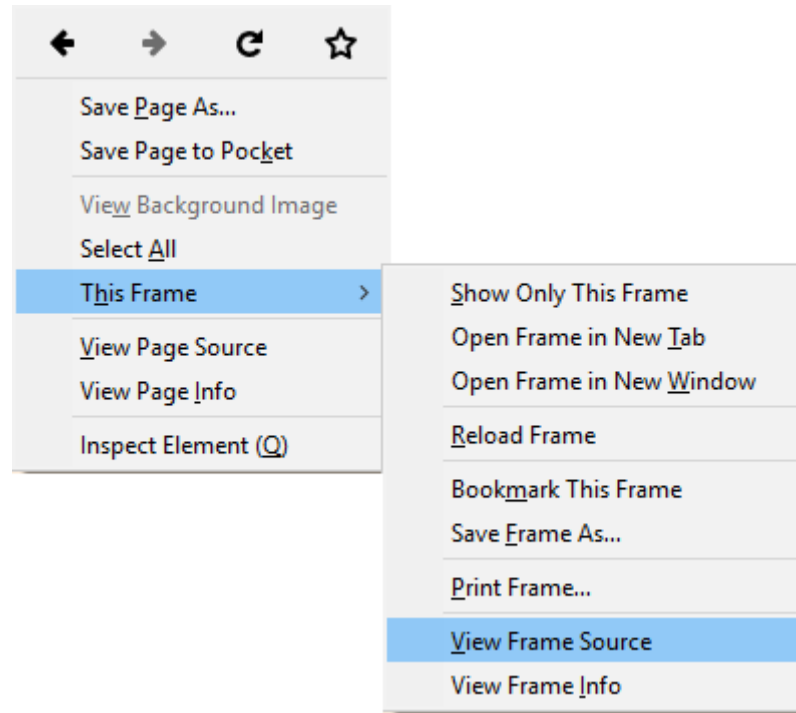


Diagnostic Report

Block	Degree in Master of Accountancy - 8%
	RA000088: DEGREE = MACC
	33 Credits
	MinCredits 24 in @@ (With DWRESIDENT = Y) Qualifier original fits:
	Maxpassfail 0 credits
	MaxCredits 0 in @@ (With DWAGE > 6) Qualifier original fits: [fits are not recorded when the max is zero]
	MaxCredits 10 in @ 5@@@7, 5956 Qualifier original fits:
	MaxCredits 0 in @ 5990, 6990, 7990 Qualifier original fits: [fits are not recorded when the max is zero]
	MaxCredits 6 in @ 5960 Qualifier original fits:
Header Qualifiers	<p>CHECK-ELECTIVE-CREDITS-ALLOWED (Qualifier added by auditor per CFG020 flag)</p> <p>Overall = 33 (Credits required by degree block)</p> <p>Blocksum = 33 (Sum of credits required in all *required* blocks; excludes credits in blocks included in other required blocks)</p> <p>Shared = 0 (Credits shared between required blocks)</p> <p>ECA = 0 (Credits allowed/needed in fall-through and non-required blocks)</p> <p>RequiredCreditsApplied = 0 (Credits applied to required blocks)</p> <p>NonrequiredCreditsApplied = 0 (Credits applied to non-required blocks)</p> <p>Overflow = 0 (Excess fall-through credits)</p> <p>CreditsAppliedTowardsDegree = 49 (Credits applied minus overflow)</p> <p>BlocksRequired = RA000087</p> <p>BlocksNotRequired =</p> <p>BlocksRequiredIncluded =</p>
	Header Advice No more than 9 hours can be transferred into the program. You have taken 0 but need 24 more credits.
If Statement	IF Statement - True
	Requirement: if (BANNERGPA >= 3.0) then
~ Complete	<input checked="" type="checkbox"/> You meet the 3.0 minimum GPA requirement. - 100%
~ Else	
~ ~ Incomplete	<input checked="" type="checkbox"/> Your GPA is below 3.0 - please see an advisor. - Not Used (n/a %)



Firefox



```
74 <Block Req_id="RA000088" Req_type="DEGREE" Req_value="MACC" Title="Degree in Master of Accountancy"  
75   Per_complete="8.333333" Cat_yr_start="1112" Cat_yr_stop="9999" Cat_yr="1718" Cat_yrLit="2017"  
76   Source="W" Degree="MACC" GPA="3.683" Classes_applied="23" Credits_applied="49" Gpa_grade_pts="136.299988"  
77   Gpa_credits="37">
```



App Deployment

 **.gitlab-ci.yml** 529 Bytes 

```
1  before_script:
2    - 'which ssh-agent || ( yum makecache fast && yum install openssh-clients -y )'
3    - eval $(ssh-agent -s)
4    - ssh-add <(echo "$SSH_PRIVATE_KEY")
5    - mkdir -p ~/.ssh
6    - '[[ -f /.dockerenv ]] && echo -e "Host *\n\tStrictHostKeyChecking no\n\n" > ~/.ssh/config'
7
8  deploy:
9    script:
10   - jar -cf dashboard.war *
11   - scp dashboard.war oracle@etsudas4:/u01/app/oracle/Middleware/user_projects/domains/BannerDomain/servers/AdminServer/upload/
12   - ssh oracle@etsudas4 'source ~/.bash_profile; ~/redeploy_dgw_dashboard.sh'
```



- FILE STATUS
- Working Copy
- BRANCHES
- ITS2680-graduation-term
 - master
 - summit-demo
- TAGS
- REMOTES
- STASHES

Graph	Description	Commit	Author	Date
	Small Test	59c6c19	Gabriel Tocci <toccig@etsu.edu>	10 Oct 20
	Adding missing header images.	d253413	Ian Dillon <dillon@etsu.edu>	27 Sep 20
	More 4.1.5 changes.	715dd8b	Ian Dillon <dillon@etsu.edu>	27 Sep 20
	ETSU Mods originally for 4.1.5 baseline.	4ed542e	Ian Dillon <dillon@etsu.edu>	27 Sep 20
	Collapsing yum commands in CI.	92a1749	Ian Dillon <dillon@etsu.edu>	27 Sep 20
	Adding CI build file.	17a4b48	Ian Dillon <dillon@etsu.edu>	27 Sep 20
	ETSU Mods	6f72197	Ian Dillon <dillon@etsu.edu>	27 Sep 20
	Baseline 4.1.6	1d73603	Ian Dillon <dillon@etsu.edu>	27 Sep 20

Sorted by file status Search

Commit: 6f72197c4531d8dbca83f26a53823f6c458b4175 [6f72197]
Parents: 1d73603849
Author: Ian Dillon <dillon@etsu.edu>
Date: Tuesday, September 27, 2016 1:27:23 PM
Committer: Ian Dillon

ETSU Mods

- AuditBlocks.xml
- AuditSEP.xml
- AuditTranscript.xml
- ClassTranscript.xml
- DGW_Style.css
- SD_ExpHeader.html
- SD_HeaderFrame.html
- common/logo.png

AuditSEP.xml

Hunk 1: Lines 17-31 Reverse hunk

```

17 17
18 18
19 19
20 20 <!-- Variables available for customizing -->
21 21 <xsl:variable name="LabelProgressBar"> Degree Progress </xsl:variable>
22 22 <xsl:variable name="LabelStillNeeded"> Needed: </xsl:variable>
23 23 <xsl:variable name="LabelAlertsReminders"> Alerts and Reminders </xsl:variable>
24 24 - <xsl:variable name="LabelFallthrough"> Fallthrough Courses </xsl:variable>
25 25 + <!-- ETSU Localization
26 26 + <xsl:variable name="LabelFallthrough"> Electives </xsl:variable-->
27 27 + <xsl:variable name="LabelFallthrough"> Electives Not Applied </xsl:variable>
28 28 <xsl:variable name="LabelInProgress"> In-progress </xsl:variable>
29 29 <xsl:variable name="LabelInprogress"> In-progress </xsl:variable>
30 30 <xsl:variable name="LabelOTL"> Not Counted </xsl:variable>
31 31 <xsl:variable name="LabelInsufficient"> Insufficient </xsl:variable>
32 32 <xsl:variable name="LabelSplitCredits"> Split Credits </xsl:variable>
33 33 <xsl:variable name="LabelIncludedBlocks"> Blocks included in this block</xsl:vari
34 34 <xsl:variable name="LabelUnmetHeader"> Unmet conditions </xsl:variable>
  
```

Hunk 2: Lines 138-152 Reverse hunk

```

136 138
137 139
138 140 <!-- // School Header // -->
139 141 <!--<xsl:call-template name="tSchoolHeader"/>-->
140 142
141 143 <!-- // Student Header // -->
142 144 <xsl:if test="/Report/@rptShowStudentHeader='Y'">
143 145 - <xsl:call-template name="tStudentHeader"/>
144 146 + <!-- ETSU Localization to change call
145 147 + <xsl:call-template name="tStudentHeader"/>-->
146 148 + <xsl:call-template name="tStudentHeader2"/>
147 149 </xsl:if>
148 150
149 151 <!-- // Progress Bar // -->
150 152 <xsl:if test="/Report/@rptShowProgressBar='Y'">
151 153 <xsl:call-template name="tProgressBar"/>
152 154 <br />
  
```

Other Stuff I Haven't Mentioned Yet

- ❖ TESS / other apps
 - ❖ Properties File
 - ❖ Header Image
- ❖ SSO/CAS
- ❖ Argos
 - ❖ DGWP Grants
- ❖ Annual Cleanup



In: C:\Users\toccig\Documents

Document(s): 18

Search for: GPA

900 result(s)

- + PDF Degree Works Advanced Reporting Technical Guide 5.0.0.pdf
- + PDF Degree Works Banner Considerations Technical Guide 5.0.0.pdf
- + PDF Degree Works Banner Data Mapping for BIF Technical Guide 5.0.0.pdf
- + PDF Degree Works Bridge Interface Format Technical Handbook 5.0.0.pdf
- + PDF Degree Works Colleague Considerations Technical Guide 5.0.0.pdf
- + PDF Degree Works Colleague Data Mapping for BIF Technical Guide 5.0.0.pdf
- + PDF Degree Works Manifest 5.0.0.pdf
- + PDF Degree Works Prerequisite Checking Technical Guide 5.0.0.pdf
- + PDF Degree Works Problem Resolutions 5.0.0.pdf
- + PDF Degree Works Scribe Language User Guide 5.0.0.pdf
- + PDF Degree Works Shepherd Settings Technical Guide 5.0.0.pdf
- + PDF Degree Works Student Education Planner Administration Guide 5.0.0.pdf
- + PDF Degree Works Surecode UCX Tables Technical Guide 5.0.0.pdf
- PDF Degree Works Technical Guide 5.0.0.pdf
- PDF GPA Calculations
- PDF GPA can be identified and the GPA can be calculated correctly.
- PDF GPA can be calculated correctly. The rules for applying credits from
- PDF GPA for repeated classes are site-defined within a set of repeat
- PDF GPA calculated by Degree Works may be different from that calculated
- PDF GPA calculations via the NOTGPA reserved word.
- PDF NOTGPA reserved word.
- PDF GPA calculators. - Student Educational Planner
- PDF GPA breakdown for all students? How many students have taken
- PDF GPA falls within the selected range? Who needs to take
- PDF MinGPA 2.0 MaxTransfer 30 Credits ;
- PDF GPA or maximum number of transfer courses. Each block header
- PDF GPA Grade Point Average, sum of grade points divided by total
- PDF GPA is calculated to 3 decimal places, with a maximum of



Summary

- ❖ Use Version Control
- ❖ Don't modify image dimensions or names
- ❖ Export your Surecode changes to files -> Version Control
- ❖ Do as little string manipulation in XSLT as possible
- ❖ UCX Settings > Code Changes
- ❖ Firefox: View Frame Source
- ❖ CI/CD > Local Environment
- ❖ Search All Documents at Once



Whats Next?

- ❖ Version 5
 - ❖ RabbitMQ
 - ❖ Composer
 - ❖ TESS: FB Login
 - ❖ Deprecated:
 - ❖ SSB Auth
 - ❖ PC Tools

Object/Process	
Audit	16
Banner	4
CPA	1
Documentation	13
Install	2
Planner	7
Scribe	1
Security	1
Shepentry	1
System	8
Transfer Equivalency	5
Transfer Finder	2
Transit	3
Web	6
TOTAL:	70



Questions?





EAST TENNESSEE STATE UNIVERSITY

- ❖ Session# 359
 - ❖ Replacing Pro*C in Jobsub With **Ruby**
 - ❖ Wednesday @ 10:00 AM - 11:00 AM by Ian Dillon
- ❖ Session# 703
 - ❖ Avoiding **DegreeWorks** Localization Pitfalls: Programming Practices
 - ❖ Wednesday @ 11:15am - 12:15pm by Gabriel Tocci
- ❖ Session# 352
 - ❖ Git Together: Collaborative Coding and Source Code Management via Git and **GitLab**
 - ❖ Thursday @ 11:15am - 12:15pm by Gabriel Tocci
- ❖ Session# 358
 - ❖ Running Ellucian Middleware in **Docker**
 - ❖ Thursday @ 1:30pm - 2:30pm by Ian Dillon
- ❖ Session# 357
 - ❖ Building Declarative Cloud Infrastructure with **Terraform**
 - ❖ Thursday @ 3:00pm – 4:00pm by Ian Dillon



Resources

❖ Local Dev Environment

❖ <https://ellucian.force.com/clients/articles/FAQ/How-to-use-local-testing-to-assist-with-Degree-Works-web-file-localizations>

❖ DevOps

❖ <https://ellucian.force.com/clients/articles/FAQ/415-Dashboard-reintegration>

❖ <https://docs.gitlab.com/ce/ci/yaml/README.html>

❖ www.gabrieltocci.com/slides

