



SQL TOOLS FOR FUNCTIONAL USERS

SESSION 36046 10th November 2016

PRESENTERS

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BE REMARKABLE



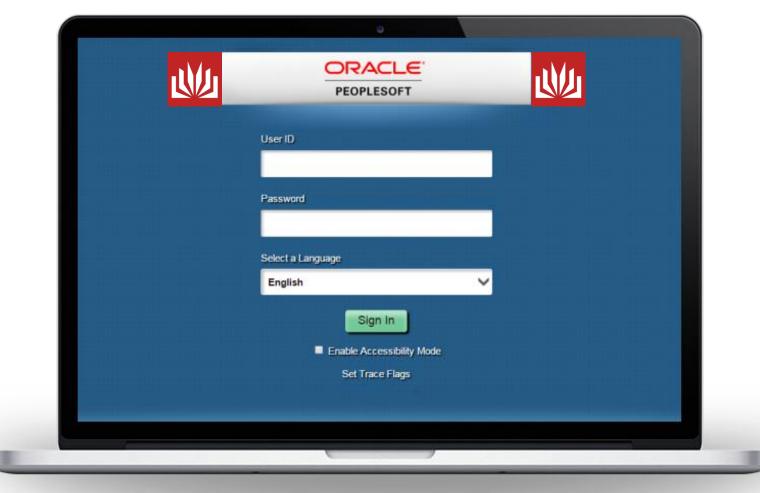




- Ranked in top 3% of Universities Globally
- 50,000 Students
- 5 campuses
- 200 degrees
- Rated 5 stars for graduate employability
- 4,000 Staff
- 200,000 Alumni across 130 nationalities

GRIFFITH UNIVERSITY

ADU 9-11 NOVEMBER 2016



Database Infrastructure

- Oracle 12c Real Application Clusters Database/Dataguard
- Oracle 12c Grid Infrastructure/ASM

Peopletools 8.54/8.55

- PeopleTools 8.54.18
- PeopleTools 8.55.08 (Upgrade golive 25/11)

PeopleSoft

- Campus Solutions 9.0 (bundle 42 go-live 25/11
- Integration Hub Portal 9.1
- Finance 9.2 Bundle 36 (9.2 project underway)
- HR 9.2 (pum 17 go-live 25/11)

ORGANIZATION & ORACLE

OVERVIEW

Oracle SQL
Developer
Tips and Tricks

Surveillance App
Engine
Custom Application
Engine for data
surveillance







ORACLE SQL DEVELOPER

Tips and Tricks for Functional Analysts





ORACLE SQL DEVELOPER

"Modern Technology has become a total phenomenon for civilization, the defining force of a new social order in which efficiency is no longer an option but a necessity imposed on all human activity."

Jacques Ellul French Philosopher

Oracle SQL Developer is a great tool that enhances productivity and simplifies several functional tasks to achieve greater efficiency that we all require in today's world.





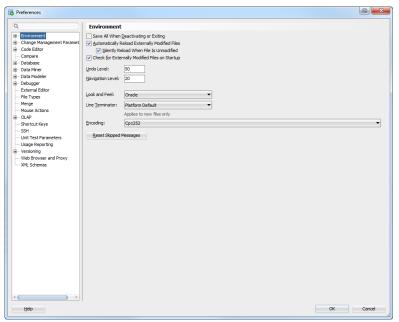
ORACLE SQL DEVELOPER

Tips and Tricks for Functional Analysts

- Useful Preferences
- Snippets
- Navigating through database objects
- Query Builder
- User Defined Reports





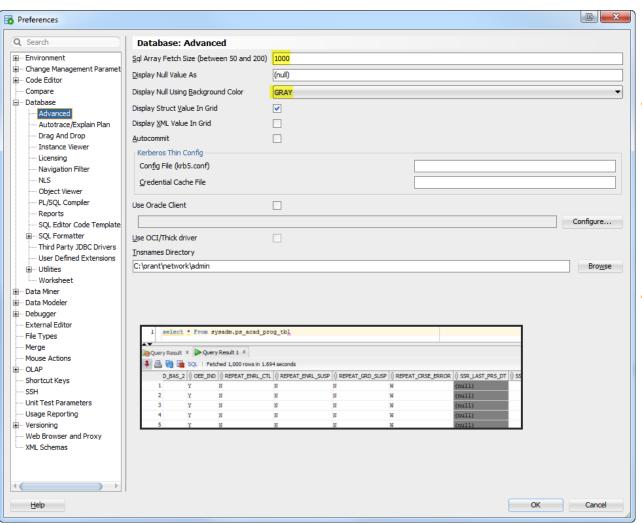


Useful Preferences for Power Users

- SQL Array Fetch Size
- Completion Insight
- Navigation Filter
- SQL Editor Code Templates
- Multiple Query Tabs







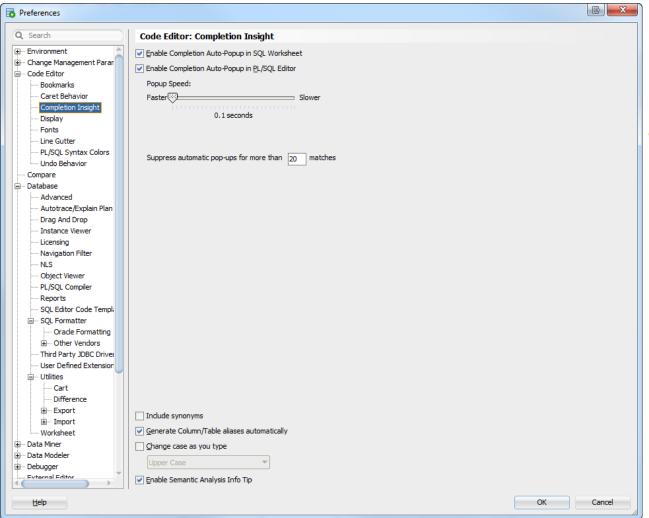
SQL Array Fetch Size

Database:Advanced

- •SQL Array Fetch Size of 1000 returns up to 1000 rows a statement is run (As per Screenshot). Scrolling down through the worksheet returns more rows.
- Display Null Value as a specific colour and text to differentiate nulls from '' (blank spaces)

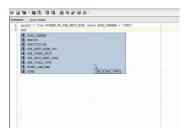






Code Editor:
Completion Insight

 Predictive text for database objects and basic functions

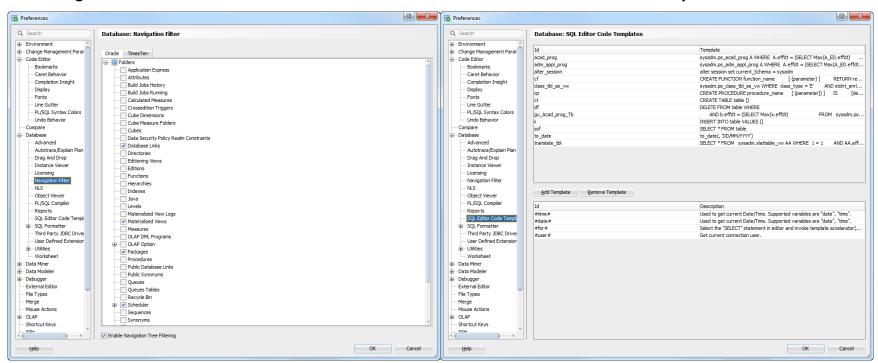






Navigation Filter

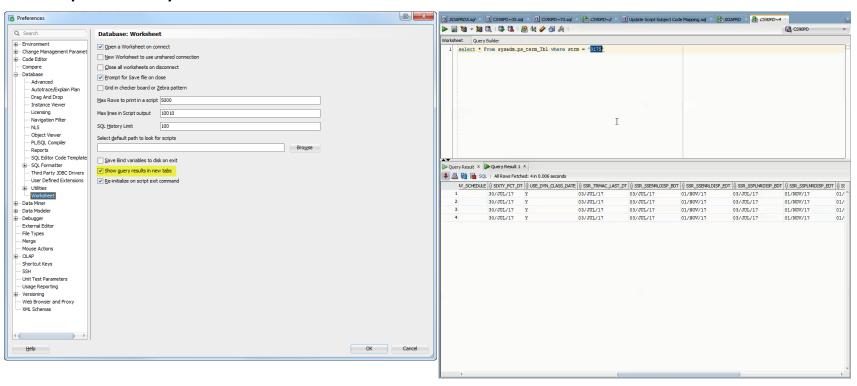
SQL Editor Code Templates







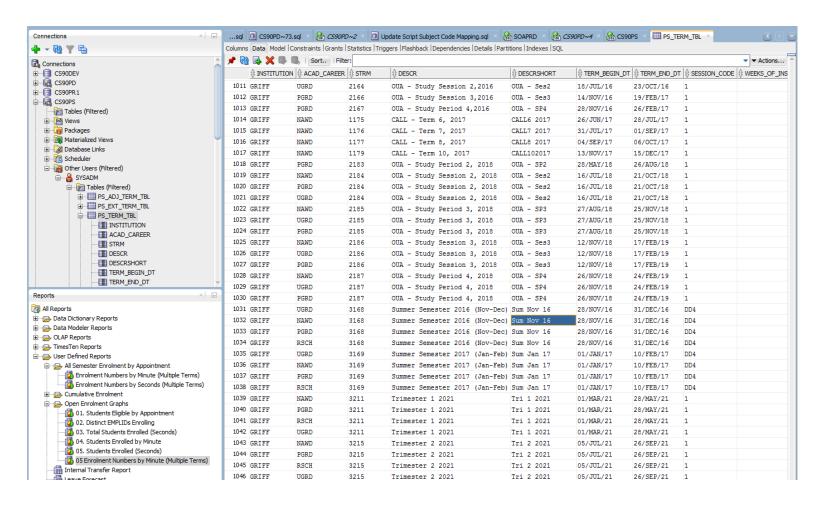
Multiple Query Tabs







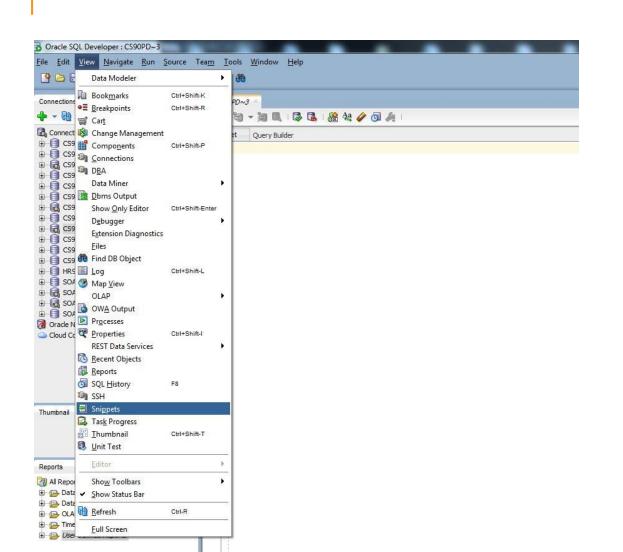
NAVIGATING THROUGH DATABASE OBJECTS





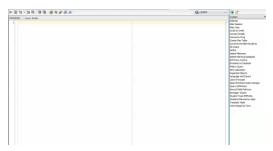


SNIPPETS



Your Favorite SQLs are just a click away.

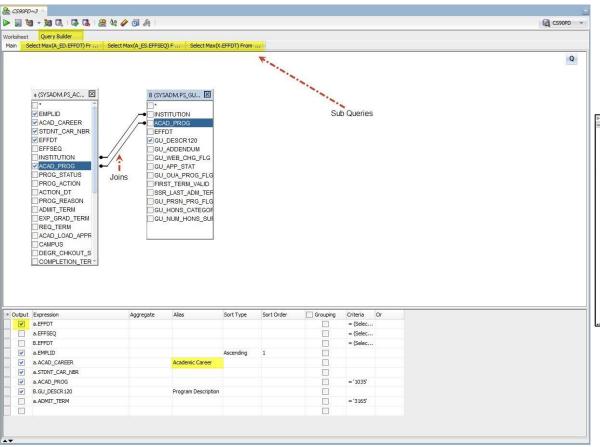
Reuse frequently run SQLs with Snippets.



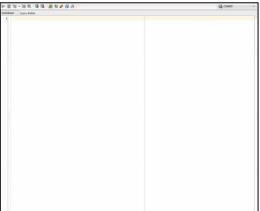




QUERY BUILDER



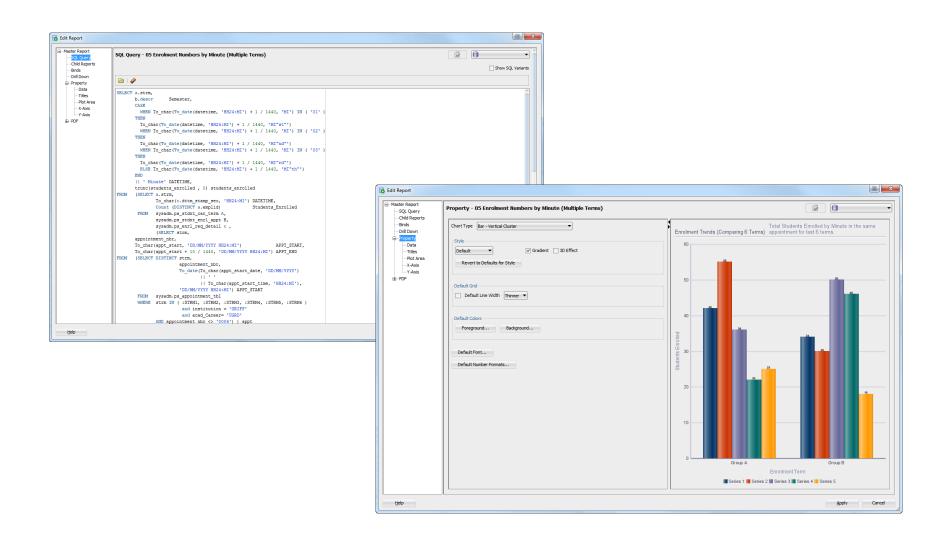
A visual interface to create queries.







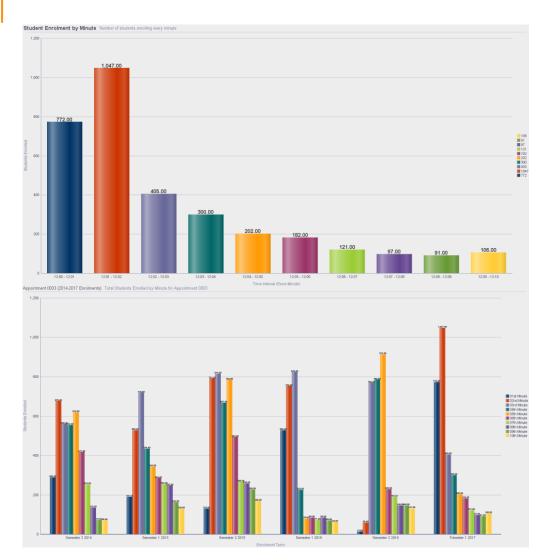
USER DEFINED REPORTS



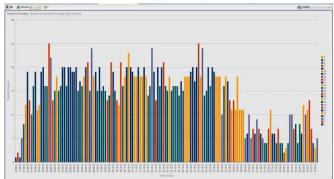




GRIFFITH OPEN ENROLMENT REPORTS



- Monitor Open Enrolment
- Visual Representation of Students enrolling in Real Time
- Understanding Enrolment Trends over Multiple Terms





SURVEILLANCE APP ENGINE

A custom built application engine to run multiple SQL statements as a batch process.





SURVEILLANCE APPLICATION ENGINE

Application engine to automate running of multiple SQLs as a batch process







SQL CONFIGURATION PAGE

Surveillance queries			
Configuration Type	ADU_PRESENTATION	File Format	CSV ▼
Surveillance queries	②	Find View All	First 4 1 of 1 D Last
*Query Title: Description:	Cancelled classes in 3165 Cancelled classes in 3165 Status Active ▼		+ -
Comment's	Status Active ¥		
			11
Surveillance SQL:	select distinct crse_id, crse_offer_nbr, catalog_nbr, descr From sysadm.ps_class_tbl where class_Stat = 'X' and strm = '3165'		
Test SQL			
Comma seperated Column Headings	COURSE_ID, COURSE_OFFER_NUMBER, CATALOG_NBR, CLASS_DESCR		
Save Motify			Add / Update/Display





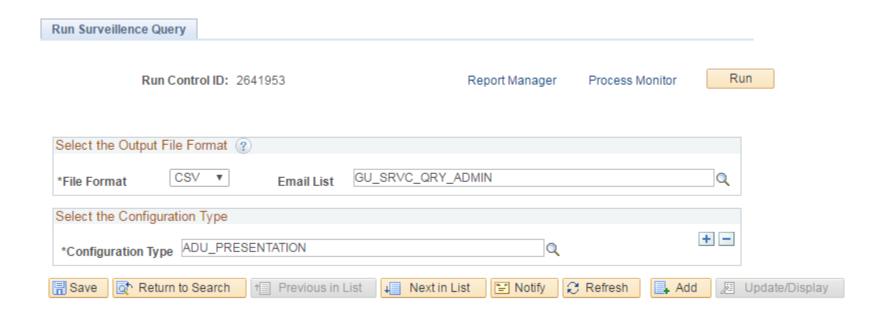
GU CONFIGURATION — EMAIL ADDRESSES

Configuration				
SetID: GRIFF	Application Code: GU_S	SRVC_QRY_ADMIN	I	
Config		Find View All	First 1 of 1	▶ Last
*Effective Date: 12/03	/2015 *Status: Active	₹ ▼		+ -
*App. Description: Surve	illance Emails			
Config Data		Find	First 1-2 of 2	♠ Last
1 *Field Desc: Email	address			+-
*Config Field Id: SRVC	_ADMIN			
Field Value: p.rava	l@griffith.edu.au			
2 *Field Desc: Email	address			+-
*Config Field Id: SRVC	_ADMIN			
Field Value: p.rava	l@griffith.edu.au			
El Cava St. Batum to 6	Pooreh Add III IIs	date/Display	Include History	Correct History
Save Return to S	Search 🖳 Add 🗾 Up	date/Display	Include History	Correct History





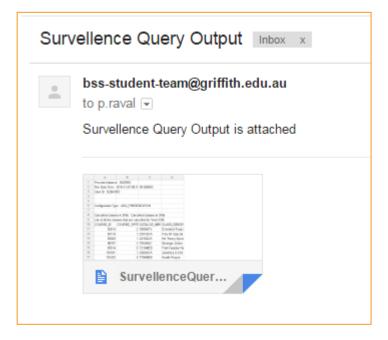
RUN CONTROL PAGE







OUTPUT



1	Lists all the c	lasses that are to be cancell	ed for Semester 2 20	16	
2	COURSE_ID	OFFER_NUMBER	CATALOG_NUMBER	DESCRIPTION	
3	3205	1	3205MED	Healthcare Systems	
54	80346	3	3215HSL	Hotel Service Operations Mgt	
55	80423	1	7209HSL	Tourism Management	
56	81140	3	1081LHS	Elementary Spanish II	
57	81556	2	3001EHR	Negotiation	<u> </u>
58	82769	1	2006GIR	Rhetoric, Spin and the Media	
59	83088	1	2514QCA	Concept Visualisation	
70	86229	1	3093LHS	Italy through Theatre & Cinema	
71	87462	1	1002PSY	Intro Individual&Social Psych	
72	88793	1	2246QCM	Advanced Aural Studies	
73	88904	2	4047ENV	Public Involv & Community Dev	
74	89650	1	2010HSV	Working in Communities	
75	89650	2	2010HSV	Working in Communities	
76	90177	1	7617GFS	Screen Directing	
77	100161	1	7107MKT	Franchising	
78	100732	1	2545QCA	Creative Thinking	
79	100818	1	5326LAW	Law, Culture and Anthropology	
30	101106	1	4302EDN	The Collegial Classroom	
31	101246	1	2548QCM	North Indian Music	
32	101388	1	2154QCM	Keyboard Accomp Studies 2	
33	101420	1	3820QCA	Indiv Proj 2 - Photo Art Prac	
34	101741	1	3708GFS	Sound Design 2	
35	101746	1	1704GFS	Cinematography	
36	101848	2	1005ICT	Object Oriented Programming	
37	101984	1	2511ICT	Business Analysis	
38	102100	1	1209QCA	Mapping the Postmodern	
39	103437	2	7302ICT	Enterprise Architecture App.	
90	103843	1	3504QCA	Design Teams, Probs&Processes	
91	103960	1	3101IBA	Climate and Sus Growth in Asia	
92	104328	3	1254EDN	Genre, Text and Lang	
93	104347	1	3291EDN	PEL2: Learning & Teach Sec Sch	
94	104623	2	1028HSV	Equity and Diversity	
95	104827	2	6009CCJ	Contemp Perspectives on Crime	





CONCLUDING THOUGHTS

ANY QUESTIONS?

PRESENTERS



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ALL ALLIANCE PRESENTATIONS WILL BE AVAILABLE FOR DOWNLOAD FROM THE CONFERENCE SITE







