

How Sierra SQL Changed My Life

PHIL SHIRLEY, CUYAHOGA FALLS LIBRARY




or



SQL Recipes - From Simple to Gourmet

Overview

- Intro
 - Getting set up to use SQL
 - How to use the software
 - Simple recipes
 - Gourmet recipes
 - Questions / discussion
- 

Intro

- “Changed my life?”
 - Easier to automate queries
 - Access to lots more data
 - Easier (in some ways) access to data

Intro, p. 2

- My history with SQL
 - Stage 1: Flailing
 - Stage 2: Some minor success
 - Stage 3: Developing a presentation on how to SQL
 - Stage 4: Look at all the things I can do now!

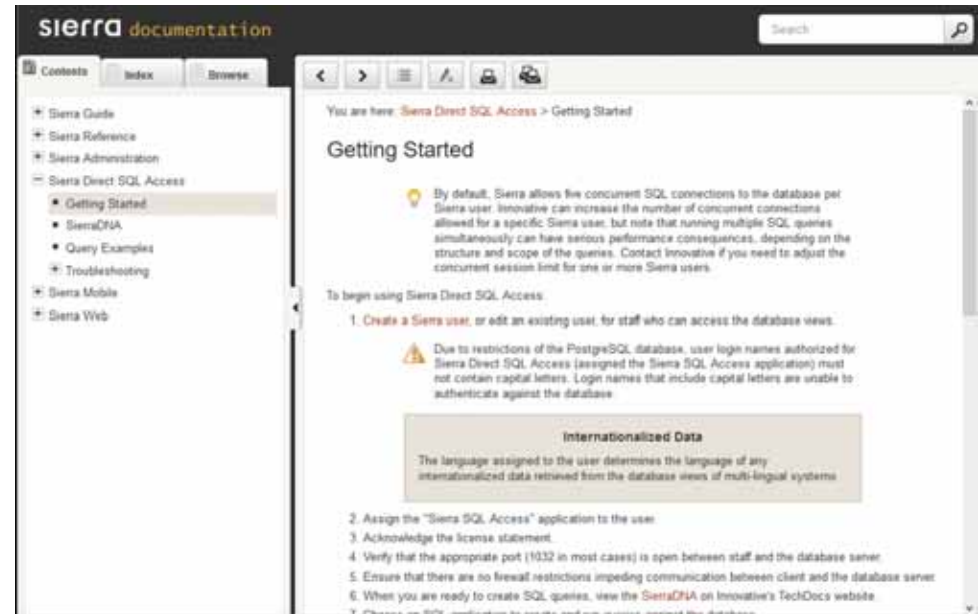
What the Sierra Manual Says

"Innovative does not provide end-user support for creating SQL queries. Sierra Direct SQL Access users assume responsibility for the effects of custom SQL. Poorly-constructed queries can compromise system performance."

Getting Set Up

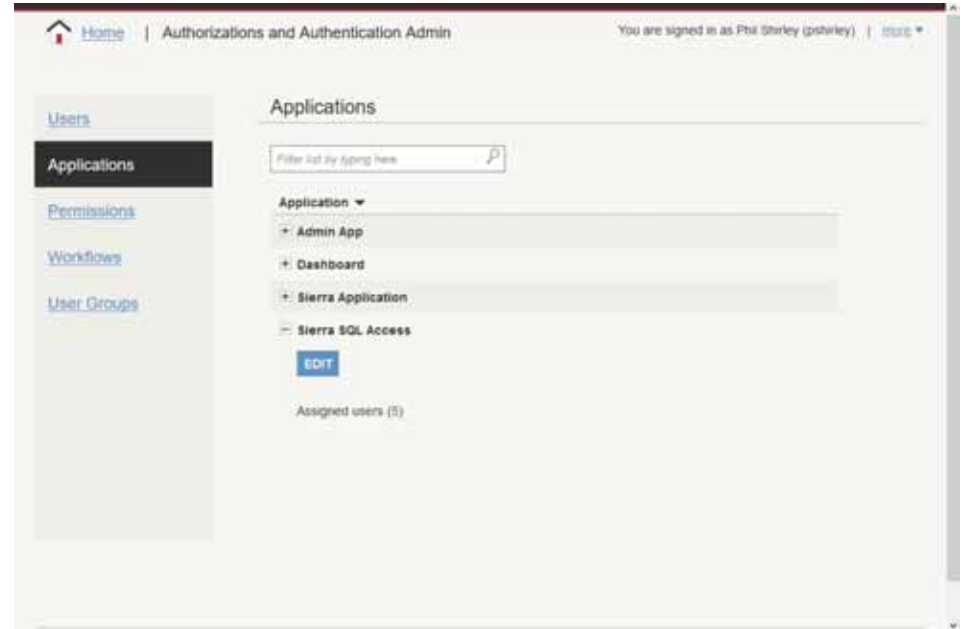
Sierra Documentation

Sierra Direct SQL Access > Getting Started



Getting Set Up

1. Set up user



Getting Set Up

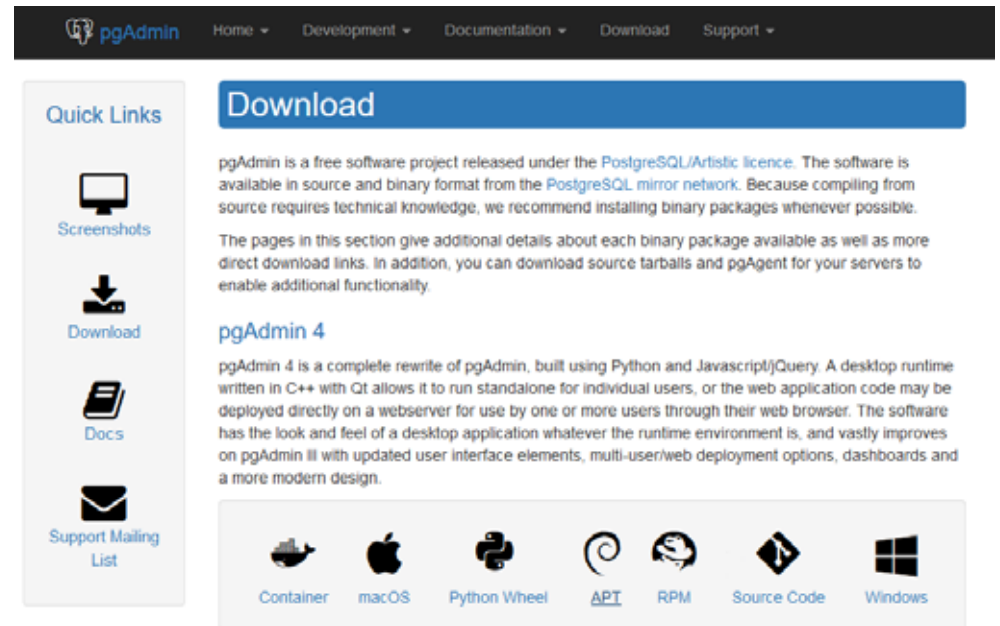
1. Set up user
2. Ensure firewall access to port 1032



Getting Set Up

1. Set up user
2. Ensure firewall access to port 1032
3. Install pgAdmin

<https://www.pgadmin.org/download/>



The screenshot shows the pgAdmin website's 'Download' page. At the top, there is a navigation bar with the pgAdmin logo and links for Home, Development, Documentation, Download, and Support. Below the navigation bar, there is a 'Quick Links' sidebar on the left with icons for Screenshots, Download, Docs, and Support Mailing List. The main content area features a blue 'Download' header. Below the header, there is a paragraph of text explaining that pgAdmin is a free software project released under the PostgreSQL/Artistic license, available in source and binary format. It recommends installing binary packages whenever possible. A second paragraph states that the pages in this section provide additional details about each binary package, direct download links, and source tarballs and pgAgent for servers. Below the text, there is a section titled 'pgAdmin 4' which describes it as a complete rewrite of pgAdmin, built using Python and Javascript/Query. It mentions that a desktop runtime written in C++ with Qt allows it to run standalone for individual users, or the web application code may be deployed directly on a webserver. The software has the look and feel of a desktop application. At the bottom of the page, there is a row of icons representing different operating systems and deployment methods: Container, macOS, Python Wheel, APT, RPM, Source Code, and Windows.

pgAdmin

Home Development Documentation Download Support

Download

pgAdmin is a free software project released under the [PostgreSQL/Artistic licence](#). The software is available in source and binary format from the [PostgreSQL mirror network](#). Because compiling from source requires technical knowledge, we recommend installing binary packages whenever possible.

The pages in this section give additional details about each binary package available as well as more direct download links. In addition, you can download source tarballs and pgAgent for your servers to enable additional functionality.

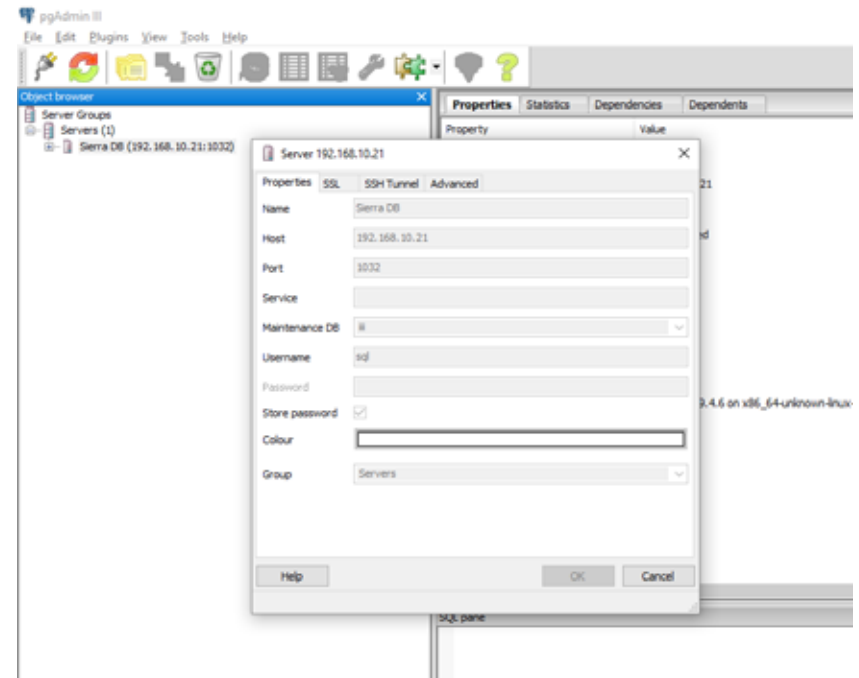
pgAdmin 4

pgAdmin 4 is a complete rewrite of pgAdmin, built using Python and Javascript/Query. A desktop runtime written in C++ with Qt allows it to run standalone for individual users, or the web application code may be deployed directly on a webserver for use by one or more users through their web browser. The software has the look and feel of a desktop application whatever the runtime environment is, and vastly improves on pgAdmin III with updated user interface elements, multi-user/web deployment options, dashboards and a more modern design.

Container macOS Python Wheel APT RPM Source Code Windows

Getting Set Up

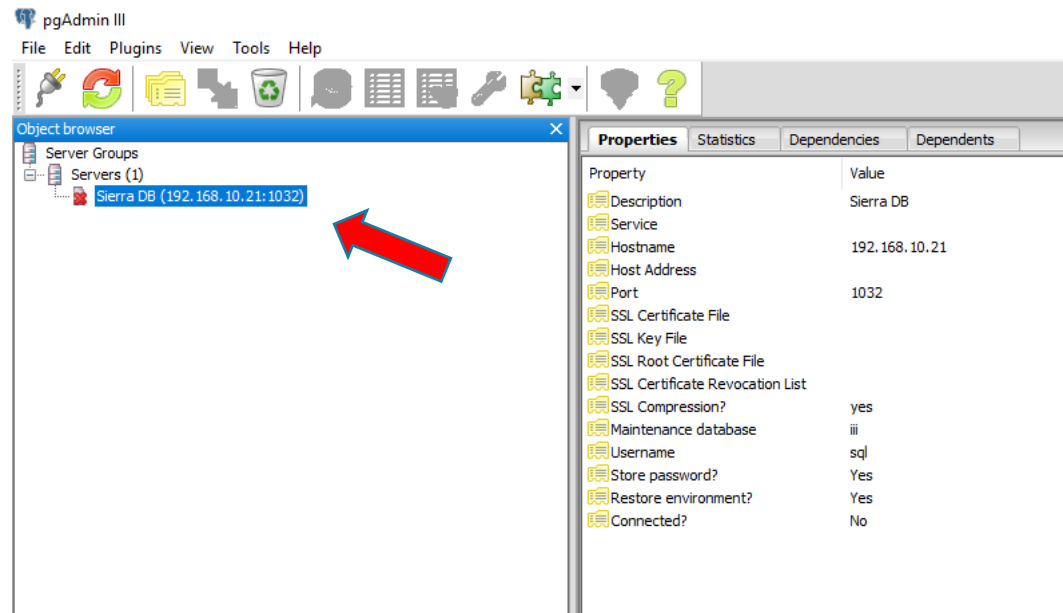
1. Set up user
2. Ensure firewall access to port 1032
3. Install pgAdmin
<https://www.pgadmin.org/download/>
4. Configure pgAdmin
Name: Whatever you want
Host: Sierra *database* server



How to Use pgAdmin

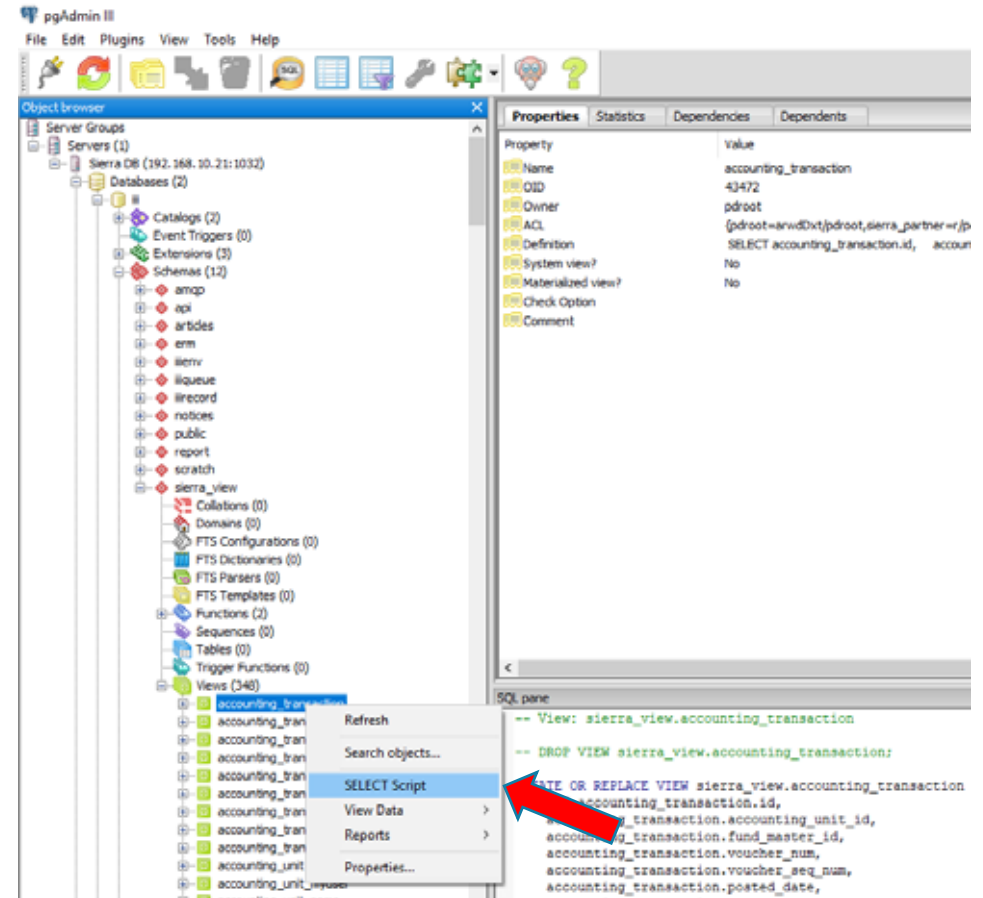
To Connect

- Expand Servers
- Double-click



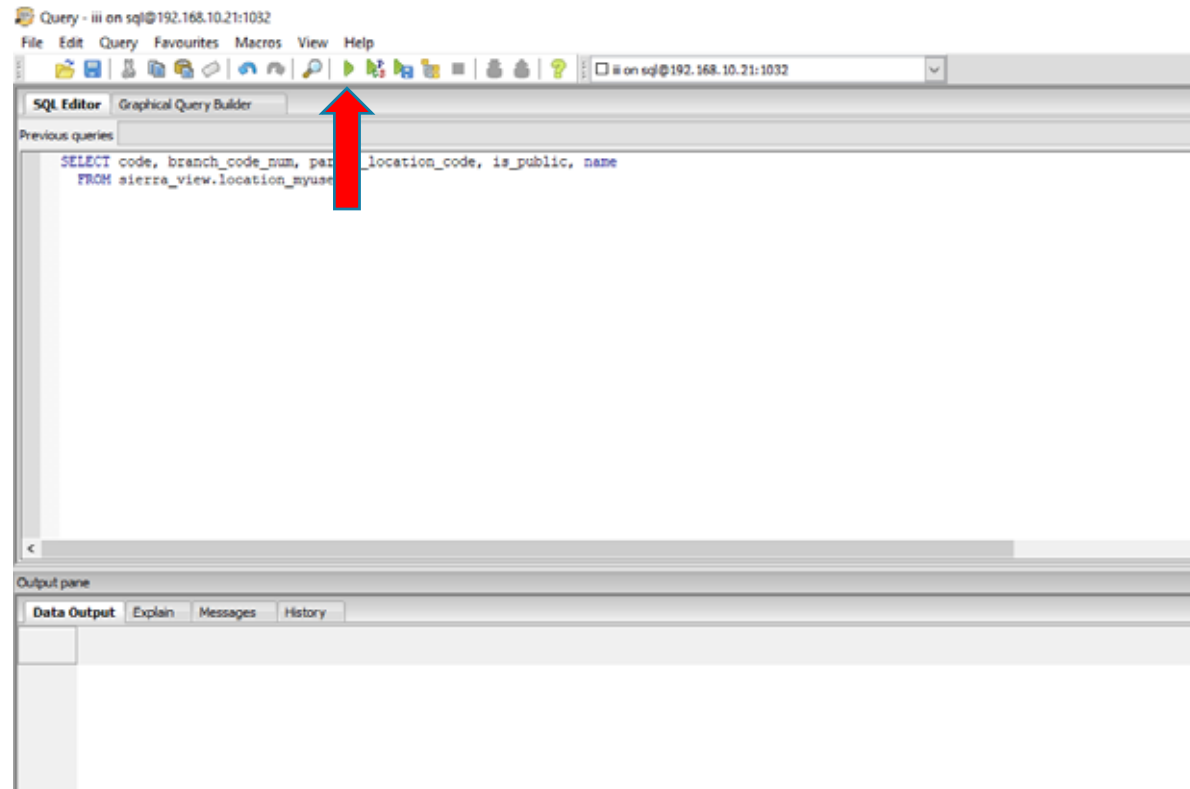
Default Query

- Expand: Databases – iii – Schemas – sierra_view – Views
- Choose a view
- Right click and “SELECT Script”



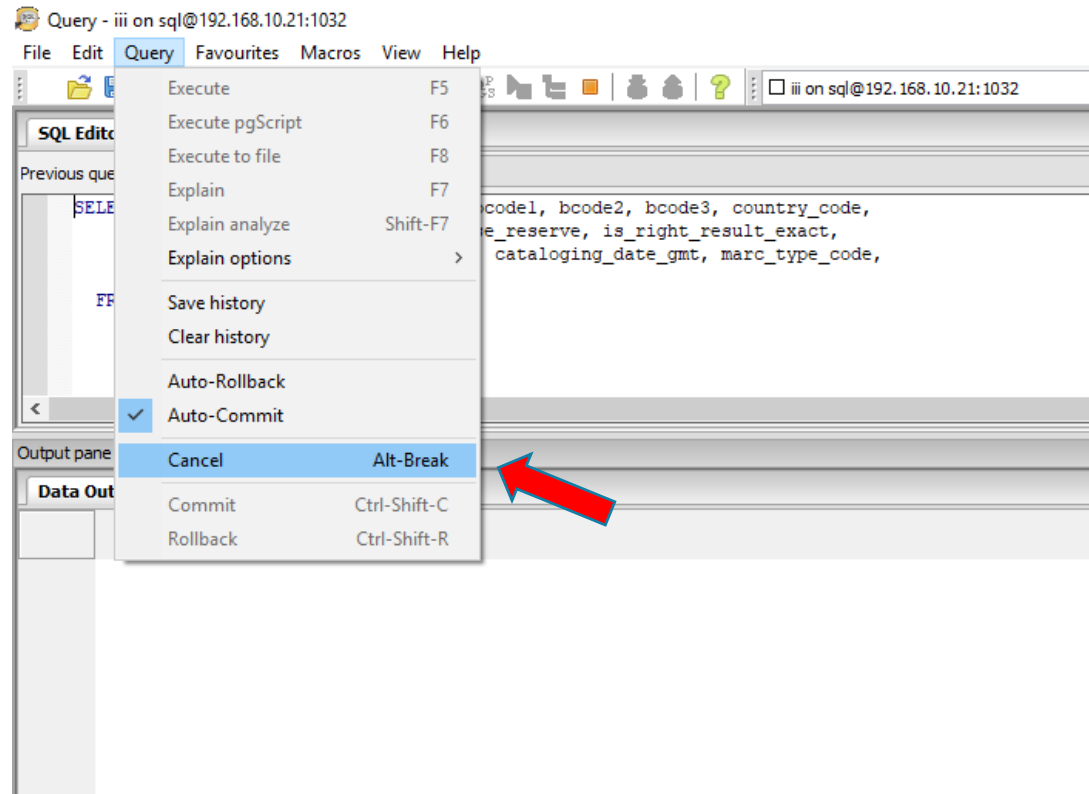
Running It

- Click the green triangle (or press F5)



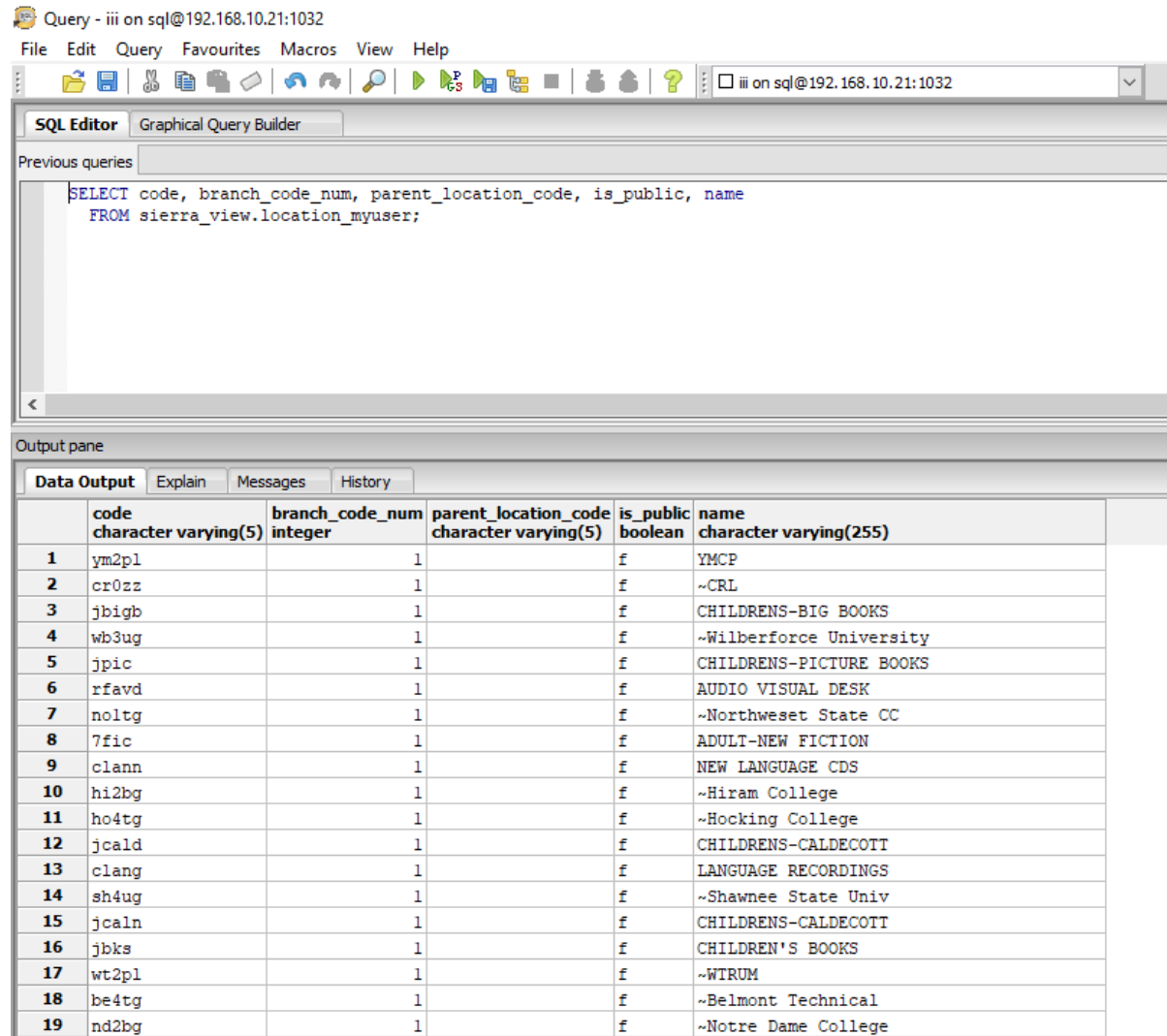
Canceling It

- Query – Cancel
(or press Alt-Break)



Results Below

- Gives you all rows, all columns



The screenshot shows a SQL Editor window with the following query:

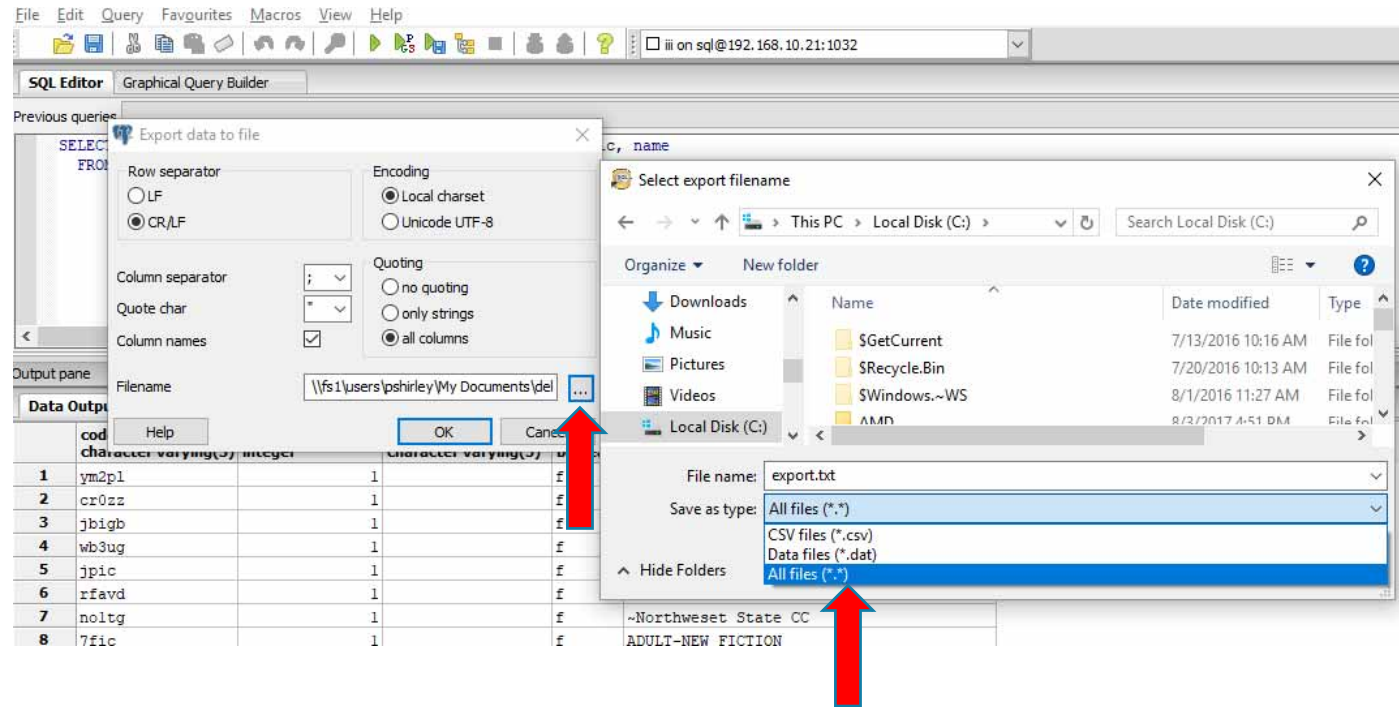
```
SELECT code, branch_code_num, parent_location_code, is_public, name
FROM sierra_view.location_myuser;
```

The results are displayed in a table with the following columns: code, branch_code_num, parent_location_code, is_public, and name. The table contains 19 rows of data.

	code character varying(5)	branch_code_num integer	parent_location_code character varying(5)	is_public boolean	name character varying(255)
1	ym2pl	1		f	YMCP
2	cr0zz	1		f	~CRL
3	jbigb	1		f	CHILDRENS-BIG BOOKS
4	wb3ug	1		f	~Wilberforce University
5	jpgic	1		f	CHILDRENS-PICTURE BOOKS
6	rfavd	1		f	AUDIO VISUAL DESK
7	noltg	1		f	~Northweset State CC
8	7fic	1		f	ADULT-NEW FICTION
9	clann	1		f	NEW LANGUAGE CDS
10	hi2bg	1		f	~Hiram College
11	ho4tg	1		f	~Hocking College
12	jcald	1		f	CHILDRENS-CALDECOTT
13	clang	1		f	LANGUAGE RECORDINGS
14	sh4ug	1		f	~Shawnee State Univ
15	jcaln	1		f	CHILDRENS-CALDECOTT
16	jbks	1		f	CHILDREN'S BOOKS
17	wt2pl	1		f	~WTRUM
18	be4tg	1		f	~Belmont Technical
19	nd2bg	1		f	~Notre Dame College

Export

- File – Export
- Click “...”
- Something.txt
- Change CSV to All files



Open in Excel

- Deimited



Text Import Wizard - Step 1 of 3

The Text Wizard has determined that your data is Delimited.
If this is correct, choose Next, or choose the data type that best describes your data.

Original data type

Choose the file type that best describes your data:

Delimited - Characters such as commas or tabs separate each field.

Fixed width - Fields are aligned in columns with spaces between each field.

Start import at row: 1 File origin: 437 : OEM United States

My data has headers.

Preview of file \\fs1\users\pshirley\my documents\del.txt.

1	"code";"display_order";"name"
2	"@";"10";"SearchOhio OFF-SITE"
3	"_";"11";"SearchOhio RE-REQ'D"
4	"#";"1";"SearchOhio REC'D"
5	"e";"16";"ON DISPLAY"

Cancel < Back Next > Finish

Open in Excel

- Semicolon
- Finish



Text Import Wizard - Step 2 of 3

This screen lets you set the delimiters your data contains. You can see how your text is affected in the preview below.

Delimiters

Tab

Semicolon

Comma

Space

Other:

Treat consecutive delimiters as one

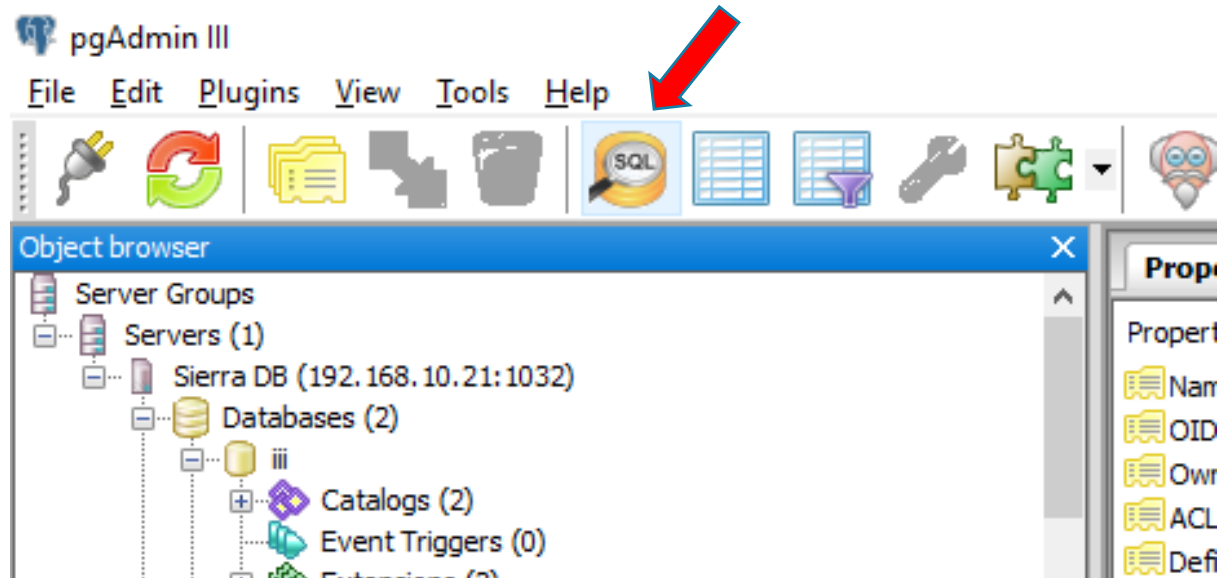
Text qualifier: ▾

Data preview


code	display_order	name
@	10	SearchOhio OFF-SITE
_	11	SearchOhio RE-REQ'D
#	1	SearchOhio REC'D
e	16	ON DISPLAY

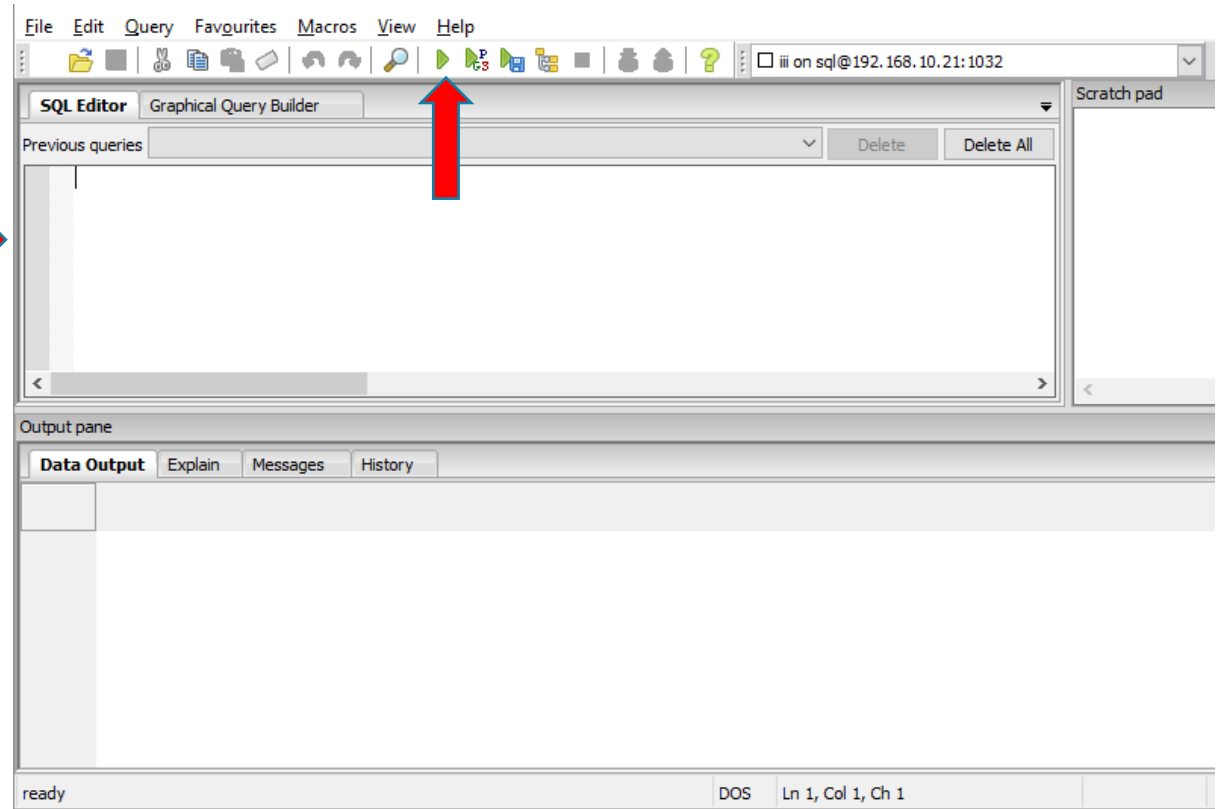
Cancel < Back **Next >** Finish

OR: Entering SQL Queries in pgAdmin




SQL Window

1. Type your query 
2. Click the green triangle (or press F5)



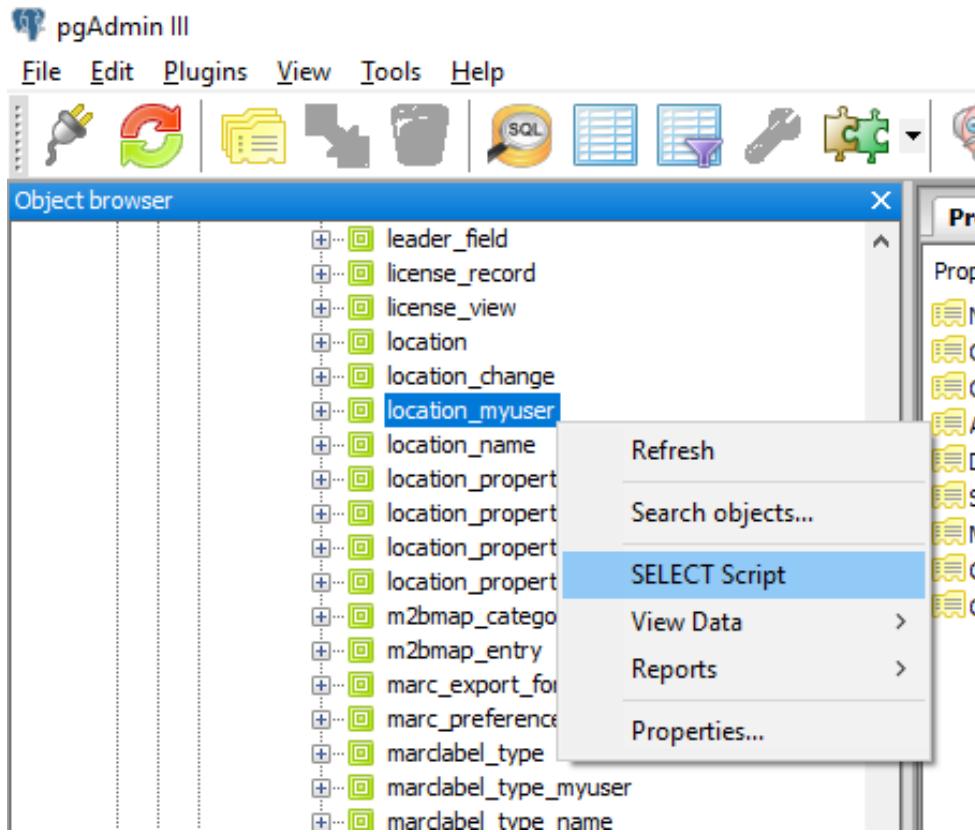
Quick and Simple Recipes

Overview


- Location codes
 - Item statuses
 - Patron blocks
 - Users
 - Applications
 - Workflows
 - Permissions
- 

Location Codes

- Get a list of the codes and names.
- Use the default “SELECT script” for location_myuser (right click on location_myuser).



Then

- Run the query (F5 or click the green triangle).
 - Export.
 - Open in Excel.
- 

A	B	C	D	E
code	branch_code_num	parent_location_code	is_public	name
7coll	1		f	Main Circ Desk
7fic	1		f	ADULT-NEW FICTION
7mag	1		f	MAGAZINE ROOM
7magj	1		f	CHILDRENS - MAGAZINES
7mcf	1		f	ADULT NEW FICTION
7mys	1		f	ADULT-NEW MYSTERIES
7mysm	1		f	ADULT NEW MYSTERIES
7pam	1		f	ADULT-PAMPHLET FILE
7sf	1		f	ADULT-NEW SCI FICTION
7sfm	1		f	ADULT NEW SCI FI
7ya	1		f	ADULT-NEW YOUNG ADULT
7yam	1		f	NEW YOUNG ADULT
9alex	1		f	~Alexandria Public Library
9ascp	1		f	~Akron-Summit County PL
9bexl	1		f	~Bexley Public Library
9cinc	1		f	Cincinnati Public Library
9cler	1		f	~Clermont County
9clrk	1		f	~Clark County Public Library
9coml	1		f	~Columbus Metropolitan Library
9delo	1		f	~Delaware Co District Lib
9delw	1		f	~Delaware County District Library
9fair	1		f	~Fairfield County District Library
9geap	1		f	~Geauga County Public Library
9gran	1		f	~Grandview Heights Public Library
9grpl	1		f	~Granville Public Library
9hess	1		f	~Hess Library

Item Statuses

- Get a list of the statuses and names.
- Use the default “SELECT script” for `item_status_property_myuser`.


	A	B	C
1	code	display_order	name
2	@	10	SearchOhio OFF-SITE
3	_	11	SearchOhio RE-REQ'D
4	#	1	SearchOhio REC'D
5	e	16	ON DISPLAY
6	!	0	ON HOLDSHELF
7	&	4	SearchOhio REQ'D
8	\$	2	BILLED AND PD
9	%	3	ILL RETURNED
10	n	20	BILLED
11	+	7	RENEWAL PENDING
12	o	21	LIB USE ONLY
13	(5	SearchOhio PAGED
14)	6	SearchOhio CANCELLED
15	m	19	MISSING
16	j	18	CHILDS. MENDS
17	i	17	ONLINE
18	-	8	CHECK SHELF
19	w	27	WITHDRAWN

Patron Blocks

- For each ptype get max owed, max items, max item A, etc.
- Use the default “SELECT script” for pblock.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	id	ptype_code_num	ptype_agency	is_expirat	max_owed	max_overdue	max_item	max_hold	max_ill_it	max_ill_it	max_itea	max_iteb	max_itec	max_ited	max_regis	max_penz	penalty_point_days	
2	44956	1	999 f		10	3	100	99	99	0	40	100	100	40	0	0	0	
3	44957	2	999 f		10	3	100	99	99	0	40	100	100	40	0	0	0	
4	44958	3	999 f		10	3	100	99	99	0	40	100	100	40	0	0	0	
5	44959	4	999 f		999.99	3	125	99	99	0	0	0	16	0	0	0	0	
6	44960	5	999 f		999.99	3	100	10	10	0	40	0	100	40	0	0	0	
7	44961	6	999 f		999.99	3	200	10	10	0	99	99	99	99	0	0	0	
8	44962	7	999 f		999.99	3	100	10	10	0	0	0	100	40	0	0	0	
9	44963	8	999 f		10	3	100	99	99	0	40	100	100	40	0	0	0	
10	44964	200	999 f		10	1	25	999	0	0	25	25	25	25	999	0	0	
11	44965	201	999 f		100	1	25	100	0	0	25	25	25	25	0	0	0	
12	44966	202	999 f		100	1	25	100	0	0	25	25	25	25	0	0	0	
13	44967	203	999 f		100	1	25	100	0	0	25	25	25	25	0	0	0	
14	44968	204	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
15	44969	205	999 f		100	1	25	999	0	0	25	25	25	25	0	0	0	
16	44970	206	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
17	44971	210	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
18	44972	212	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
19	44973	213	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
20	44974	214	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
21	44975	215	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
22	44976	216	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
23	44977	217	999 f		10	1	25	999	0	0	25	25	25	25	0	0	0	
24	44978	230	999 f		10	3	100	25	0	0	0	0	0	0	0	0	0	
25	44979	231	999 f		10	3	100	25	0	0	0	0	0	0	0	0	0	
26	44980	232	999 f		10	3	100	25	0	0	0	0	0	0	0	0	0	
27	44981	255	999 f		50	3	100	100	100	0	100	100	100	100	0	999	0	
28	44982	9999	999 f		10	3	100	10	10	0	12	16	16	20	0	0	0	

Staff User Accounts

- Users
 - Applications
 - Workflows
 - Permissions
- 

Users

- For each user: login, full name, group, stat group, timeouts, last password change, etc.
- Use the default “SELECT script” for iii_user.

id	name	location_group	iii_user_group	full_name	iii_langua	account_unit	statistic_g	system_option	timeout_wai	timeout_logoi	scope_menu_i	scope_me	is_new_a	last_password_chang	is_exemp	is_suspen	is_context_only
2	sam_vines		sys	Samual Vimes	1	0	1						f		t	f	f
5	t_aching	1	circ	Tiffany Aching	1	0	30						f		t	f	f
136	rincewind	1	ref	Rincewind	1	0							t		t	f	f
7	Cohen		cat	Cohen the Barbarian	1	0	32						f	7/3/2001 16:18	t	f	f

Applications

- Applications for each user
- Sort by user (or application) in Excel.
- Use the default “SELECT script” for `iii_user_application_myuser`.

A	B	C	D
iii_user_id	user_name	application_code	application_name
63	old_adm	passlvl304	WebWorks Quick Edit
2	sam_vimes	webadmin	Admin App
141	sql_user	sierrasql	Sierra SQL Access
2	sam_vimes	sierradesktop	Sierra Application
5	t_aching	sierradesktop	Sierra Application
136	rincewind	sierradesktop	Sierra Application
7	Cohen		

Workflows

- For each user: workflows, menu names, display order
- Sort by user (or workflow) in Excel.
- Use the default “SELECT script” for `iii_user_workflow_myuser`.

	A	B	C	D	E
1	iii_user_id	user_name	workflow_name	workflow_menu_name	display_order
2	136	rincewind	circ	Circulation	1
3	136	rincewind	innreach	INN-Reach	2
4	136	rincewind	milill	Inter-Library Loan	3
5	5	t_aching	circ	Circulation	1
5	5	t_aching	serials	Serials	1
7	5	t_aching	cat	Cataloging	2
3	5	t_aching	acquisitions	Acquisitions	3
3	2	sam_vimes	prog	Program Registration	5
0	2	sam_vimes	erm	ERM	7
1	2	sam_vimes	cat	Cataloging	1
2	2	sam_vimes	circ	Circulation	2
3	2	sam_vimes	innreach	INN-Reach	3
4	2	sam_vimes	admin	Administration	4
5	2	sam_vimes	milill	Inter-Library Loan	6
6	2	sam_vimes	serials	Serials	8
7	2	sam_vimes	acquisitions	Acquisitions	9
8	7	Cohen			
9					

Permissions

- Permissions for each user
- Sort by user (or permission) in Excel.
- Use the default “SELECT script” for `iii_user_permission_myuser`.

A	B	C	D	E
iii user id	user_name	permission_num	permission_code	permission_name
2	sam_vimes	5	passlv15	Materials Booking function
2	sam_vimes	6	passlv16	Key new records
2	sam_vimes	7	passlv17	Update existing records
2	sam_vimes	8	passlv18	Rapid updating
2	sam_vimes	10	passlv110	Transfer attached records
2	sam_vimes	13	passlv113	Maintain scopemenu/Scope authorities
2	sam_vimes	14	passlv114	Web Collection Development reports
2	sam_vimes	15	passlv115	Analyze patron searches
2	sam_vimes	16	passlv116	Read patron suggestions
2	sam_vimes	17	passlv117	Circulation statistics
2	sam_vimes	18	passlv118	Create lists of records
2	sam_vimes	19	passlv119	Create statistical reports
2	sam_vimes	22	passlv122	Backup database
2	sam_vimes	23	passlv123	Shutdown the system
2	sam_vimes	24	passlv124	Read/write MARC records
2	sam_vimes	25	passlv125	Delete records of any type
2	sam_vimes	26	passlv126	Restart a terminal
2	sam_vimes	27	passlv127	Maintain record links
2	sam_vimes	28	passlv128	Change menu messages

Other Views

- `iii_user_printer_myuser`
- `network_access_view`
- `item_status_property_myuser`
- `material_property_myuser` (mat types)
- `ptype_property_myuser`
- `user_defined_acode1_myuser` (a, b, c, e, g, i, l, n, o, p, s, v, z; 1-4)

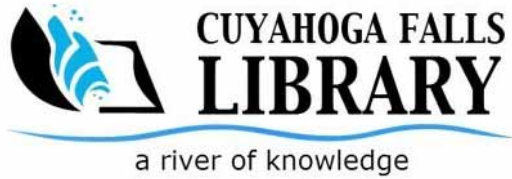
How Many People Use Reading History?

- Open a SQL window and type
SELECT DISTINCT patron_record_metadata_id
FROM sierra_view.reading_history;
- Run it and see how many you get.

Gourmet Recipes

Fancy Things at Cuyahoga Falls Library

- Lists for web site
 - Coming soon
 - New arrivals
 - Popular
- Reports for selectors
 - Purchase alerts
 - Unavailable items
 - Items
 - Titles



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- NEW ARRIVALS
- POPULAR
- PERIODICALS
- SUGGEST A PURCHASE
- READING RECOMMENDATIONS

News and events

Adapted Storytime






This storytime is for children with special needs and their families. This program encourages respect and an appreciation of differences in a supportive environment.

Thursdays at 6:30	Saturdays at 11
September 20th October 18th	September 29th October 27th

RECENTLY ORDERED FICTION

Updated 10/08/2018

Click on the titles below to search the catalog

-  [The Range Detectives](#)
1. Johnstone, William W/ Johnstone, J. A.
Date Ordered: 10/04/2018
-  [Cowboy Christmas Jubilee](#)
2. Crush, Dylann
Date Ordered: 10/04/2018
-  [Coming Home for Christmas](#)
3. Michaels, Fern
Date Ordered: 10/04/2018
-  [Leopard's Run](#)
4. Feehan, Christine
Date Ordered: 10/04/2018
-  [Star Trek Prometheus - in the Heart of Chaos](#)
5. Humberg, Christian/ Perplies, Bernd
Date Ordered: 10/04/2018

COMING SOON

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For Teens

[Teen Books](#)

How They're Created

- Perl scripts:
 - Run nightly on one of our Windows servers
 - Do SQL queries
 - Process results and create HTML documents
- HTML documents
 - Live on a local server
 - Are “included” in our hosted web site

Purchase Alerts

- Different reports for fiction, nonfiction, large print, etc.
 - Web pages and Excel files
 - Include copies on order
 - Don't count items that are missing, etc.
 - Include unfillable holds
- 

Purchase Alert Creation

- Perl scripts:
 - Run nightly on one of our Windows servers
 - Do SQL queries
 - Process results and create HTML documents and Excel files

Adult_Large_Print Titles with Holds

10/09/2018

[Download Excel Workbook](#)


Click on the titles below to search the catalog.
Titles that are not hyperlinked are suppressed.

Bib #	Title	Mat Type	Author	#Holds	Items Held	Items Ordered	Total Items	Holds / Items
b1755012a	When All the Girls Have Gone	Large print	Krentz, Jayne Ann	1	0		0	no items
b1430717a	To kill a mockingbird	Large print	Lee, Harper.	2	0		0	no items
b1783388a	The Reckoning	Large print	Grisham, John	5	0	1	1	5
b1780743a	Juror no. 3	Large print	Patterson, James,	9	2		2	4.5
b1783374a	Look Alive Twenty-Five	Large print	Evanovich, Janet	4	0	1	1	4
b1780717a	Baby teeth	Large print	Stage, Zoje,	4	1		1	4
b1783386a	Past Tense	Large print	Child, Lee	4	0	1	1	4
b1783393a	A Spark of Light	Large print	Picoult, Jodi	4	0	1	1	4
b1780766a	Texas Ranger	Large print	Patterson, James,	7	2		2	3.5
b1750506a	The president is missing	Large print	Clinton, Bill,	10	3		3	3.33
b1792754a	Ambush	Large print	Patterson, James,	3	1		1	3
b1777469a	Shelter in place	Large print	Roberts, Nora,	3	0	1	1	3
b1783402a	The word is murder : a novel	Large print	Horowitz, Anthony,	3	1		1	3
b1780750a	The other woman	Large print	Silva, Daniel,	3	1		1	3
b1783345a	Alaskan holiday : a novel	Large print	Macomber, Debbie,	2	1		1	2
b1780764a	The summer witness	Large print	Williams, Debra,	2	1		1	2

Unavailable Items

- Purpose: For selectors to consider replacement
- Criteria: Items that either
 - Are withdrawnor
 - Have status missing, claims returned, billed, or billed & paid and were last updated over 3 months ago.

Excel Files With Lots of Fields

- Item number
 - Barcode
 - Bib #
 - Title
 - Author
 - ISBN
 - Cat Date
 - Item Created
 - Icode2
 - Status
 - CKO?
 - Holds
 - YTD cko
 - LY cko
 - YTD + LY cko
 - Circ factor
 - Checkouts
 - Renewals
 - Total Circ
 - Last Checkin
 - Loc
 - Location
 - Call #
 - Price
 - Updated
 - Series
- 

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A1 : fx item_number

	A	B	C	D	E	F	G	H	I	J
1	item_number	barcode	Bib #	Title	Author	ISBN	Cat Date	Item Created	Icode2	Status
2	i1651136a	ITMPL006391536	b1764179a	We are taking only what we need : stories	Watts, Stephanie Powell,	9780062749901	02/01/2018	2018-02-01	---	BILLED
3	i1658774a	ITMPL006475016	b1777243a	Little sister	Ashdown, Isabel,	9781496714770	06/15/2018	2018-06-18	WITHDRAWN	WITHDRAWN
4	i1651442a	ITMPL006403372	b1765454a	Beneath the sugar sky	McGuire, Seanan,	9780765393586	02/06/2018	2018-02-06	---	BILLED
5	i1264466a	ITMPL002527033	b1199355a	The years of rice and salt	Robinson, Kim Stanley.	0553109200 (alk. p	03/14/2002	2002-03-14	WITHDRAWN	WITHDRAWN
6	i1612615a	ITMPL006005581	b1693499a	How to wed a warrior	English, Christy,	9781492612902	04/19/2016	2016-04-20	---	BILLED
7	i1518462a	ITMPL005057906	b1460478a	Odd Thomas	Koontz, Dean R.	9780739378502	04/03/2012	2012-04-04	---	BILLED
8	i1448292a	ITMPL004349544	b1396034a	The court of the air	Hunt, Stephen,	9780765360229	06/22/2009	2009-06-22	---	BILLED
9	i1139263a	ITMPL001086494	b1094655a	Novels and stories, 1932-1937	Steinbeck, John,	1883011019 (acid-	01/01/1997	1999-03-06	---	BILLED
10	i1603984a	ITMPL005924253	b1687623a	The bazaar of bad dreams : stories	King, Stephen,	9781410483768	11/18/2015	2015-11-19	---	BILLED
11	i1623995a	ITMPL006117287	b1702858a	Fix	Steinmetz, Ferrett,	9780857665737	10/18/2016	2016-10-19	---	BILLED
12	i1594940a	ITMPL005834791	b1673336a	Finders keepers : a novel	King, Stephen,	9781410479501	06/10/2015	2015-06-10	---	BILLED
13	i1597639a	ITMPL005867965	b1675510a	American gods	Gaiman, Neil,	9780062472106	07/29/2015	2015-07-29	---	BILLED
14	i1551652a	ITMPL005402995	b1524862a	Small town girl : a novel	Gabhart, Ann H.,	9781611737882	08/07/2013	2013-08-08	---	BILLED
15	i1622375a	ITMPL006105290	b1701936a	Marlene	Gortner, C. W.,	9781410493606	09/26/2016	2016-09-26	---	BILLED
16	i1598165a	ITMPL005870639	b1579808a	The book of speculation : a novel	Swyler, Erika.	9781250054807	06/22/2015	2015-08-07	---	BILLED
17	i1578712a	ITMPL005670849	b1568140a	Moonlight raider	Scott, Amanda,	1455556653 (pbk.	09/25/2014	2014-09-29	---	BILLED
18	i1606922a	ITMPL005958772	b1689649a	The Highlander who loved me	Basso, Adrienne,	9781420137675	01/14/2016	2016-01-15	---	BILLED
19	i1553959a	ITMPL005419148	b1526461a	The knight's temptress	Scott, Amanda,	9781455514342 (p	09/12/2013	2013-09-12	---	BILLED

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Holds															
K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Series
CKO?	Holds	YTD cko	LY cko	YTD + LY cko	Circ factor	Checkouts	Renewals	Total Circ	Last Checkin	Loc	Location	Call #	Price	Updated	
y	0	3	0	3	5	3	1	4	2018-03-15	7fic	ADULT-NEW FICTION	Watts	10.19	2018-05-30	
	0	4	0	4	17	4	1	5	2018-08-24	7fic	ADULT-NEW FICTION	Ashdown	14.43	2018-08-24	
	0	1	0	1	2	1	0	1		7sf	ADULT-NEW SCI FICTION	McGuire	9.98	2018-05-22	
	0	1	1	2	0	23	13	36	2018-08-16	fic	ADULT-FICTION	Robinson, Kim Stanley	.	2018-08-21	
y	0	1	2	3	1	10	7	17	2017-04-23	pbkr	ADULT PAPERBACK ROMANC	English	4.79	2018-05-28	
y	0	0	1	1	0	32	28	60	2017-02-02	larg	ADULT-LARGE PRINT	KOONTZ	.	2018-05-20	
y	0	1	0	1	0	18	13	31	2017-01-22	sf	ADULT-SCIENCE FICTION	hunt	.	2018-05-21	
y	0	2	0	2	0	65	24	89	2018-02-18	fic	ADULT-FICTION	Steinb, J	.	2018-05-16	
y	0	1	3	4	1	13	7	20	2017-10-25	larg	ADULT-LARGE PRINT	King	.	2018-06-02	
y	0	1	2	3	2	4	0	4	2017-03-04	sf	ADULT-SCIENCE FICTION	Steinmet	4.79	2018-05-12	
y	0	2	2	4	1	21	9	30	2018-03-15	larg	ADULT-LARGE PRINT	King	.	2018-06-02	
	0	1	10	11	4	25	28	53	2018-06-07	sf	ADULT-SCIENCE FICTION	Gaiman	11.39	2018-06-07	
y	0	0	3	3	1	18	19	37	2017-08-17	larg	ADULT-LARGE PRINT	Gabhart	.	2018-06-07	
y	0	0	2	2	1	8	12	20	2017-03-24	larg	ADULT-LARGE PRINT	Gortner	.	2018-05-20	
y	0	1	1	2	1	9	4	13	2017-08-26	fic	ADULT-FICTION	Swyler	14.98	2018-05-30	
y	0	1	3	4	1	8	4	12	2017-10-26	pbkr	ADULT PAPERBACK ROMANC	Scott	4.8	2018-05-28	
y	0	1	3	4	2	9	6	15	2017-05-12	pbkr	ADULT PAPERBACK ROMANC	Basso	4.79	2018-05-14	
y	0	1	6	7	1	10	1	11	2017-11-09	pbkr	ADULT PAPERBACK ROMANC	Scott	.	2018-05-28	

Lists of Items

- Excel files
 - You can sort, filter, etc.
 - Maybe easier than Create Lists
- One list for each shelving location
- *All items*
- Fields like Unavailable Items reports



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A1 : item_number

	A	B	C	D	E	F	G	H	I
1	item_number	barcode	Bib #	Title	Author	ISBN	Cat Date	Item Created	Icode2
2	i1664276a	ITMPL006528079	b1792732a	The phantom tree	Cornick, Nicola,	9781525805998	10/03/2018	2018-10-03	NO SRCHOH
3	i1664274a	ITMPL006527956	b1792728a	No good asking	Kimmel, Fran,	9781770414389	10/03/2018	2018-10-03	NO SRCHOH
4	i1664265a	ITMPL006528319	b1776323a	Shadow tyrants	Cussler, Clive,	9780735219069	09/10/2018	2018-10-03	NO SRCHOH
5	i1664262a	ITMPL006521488	b1776831a	A spark of light : a novel	Picoult, Jodi,	9780345544988	09/27/2018	2018-10-03	NO SRCHOH
6	i1664267a	ITMPL006521603	b1784790a	The dream daughter	Chamberlain, Diane,	9781250087300	10/03/2018	2018-10-03	NO SRCHOH
7	i1664281a	ITMPL006528434	b1792741a	The thirty-one kings : Richard Hannay re	Harris, Robert J.,	9781681778549	10/03/2018	2018-10-03	NO SRCHOH
8	i1664271a	ITMPL006521967	b1792710a	The chrysalis	Deneen, Brendan,	9780765395559	10/03/2018	2018-10-03	NO SRCHOH
9	i1664280a	ITMPL006528376	b1792742a	Three little lies	Marshall, Laura	9781478948568	10/03/2018	2018-10-03	NO SRCHOH
10	i1663524a	ITMPL006516421	b1790959a	The Christmas sisters	Morgan, Sarah,	9781335534699	09/20/2018	2018-09-20	NO SRCHOH
11	i1663528a	ITMPL006516546	b1790977a	Let me be like water	Perry, S. K.,	9781612197265	09/20/2018	2018-09-20	NO SRCHOH
12	i1663859a	ITMPL006518609	b1792569a	Remembrance	Monroe, Mary,	1496715829	09/26/2018	2018-09-26	NO SRCHOH
13	i1663078a	ITMPL006514095	b1784813a	Trust me	Ryan, Hank Phillippi,	9780765393074	09/11/2018	2018-09-11	NO SRCHOH
14	i1663004a	ITMPL006522684	b1780751a	Pieces of her	Slaughter, Karin,	9781635463576	08/07/2018	2018-09-11	NO SRCHOH
15	i1662165a	ITMPL006499974	b1783905a	Tear me apart	Ellison, J. T.,	9780778330004	08/22/2018	2018-08-22	NO SRCHOH
16	i1659971a	itmpl006484919	b1773682a	How to walk away	Center, Katherine,	9781250149060	05/01/2018	2018-07-11	NO SRCHOH
17	i1663228a	ITMPL006514715	b1783906a	Washington Black : a novel	Edugyan, Esi,	9780525521426	09/13/2018	2018-09-13	NO SRCHOH
18	i1659932a	ITMPL006485247	b1766376a	A gathering of secrets	Castillo, Linda,	9781250121318	06/28/2018	2018-07-11	NO SRCHOH
19	i1658601a	ITMPL006473854	b1777461a	The pharaoh key	Preston, Douglas J,	9781538713693	06/06/2018	2018-06-15	NO SRCHOH
20	i1659925a	ITMPL006484760	b1773819a	Clock dance : a novel	Tyler, Anne,	9780525521228	06/28/2018	2018-07-11	NO SRCHOH
21	i1659012a	ITMPL006476287	b1777437a	Between you & me : a novel	Wiggs, Susan,	9780062845771	06/15/2018	2018-06-22	NO SRCHOH

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Enable Editing

Status	CKO?	Holds	YTD cko	LY cko	YTD + LY cko	Circ factor	Checkouts	Renewals	Total Circ	Last Checkin	Loc	Price
-	y	0	1	0	1	61	1	0	1		7fic	9.59
-	y	0	1	0	1	61	1	0	1		7fic	9.6
-	y	3	1	0	1	61	1	0	1		7fic	16.1
-		32	1	0	1	61	1	0	1		7fic	16.09
-	y	3	1	0	1	61	1	0	1		7fic	15.53
-	y	0	1	0	1	61	1	0	1		7fic	14.4
-	y	0	1	0	1	61	1	0	1		7fic	13.87
-	y	0	1	0	1	61	1	0	1		7fic	14.43
-	y	0	3	0	3	58	3	0	3	2018-10-01	7fic	14.98
-	y	0	3	0	3	58	3	0	3	2018-10-06	7fic	10.19
-	y	0	2	0	2	56	2	0	2	2018-10-04	abkx	.
-	y	0	4	0	4	52	4	0	4	2018-10-03	7fic	14.42
-		1	4	0	4	52	4	0	4	2018-10-04	abkx	16.79
-	y	4	6	0	6	46	6	0	6	2018-10-07	7fic	10.19
-		1	11	0	11	45	11	0	11	2018-10-03	abkx	14.98
-	y	0	3	0	3	42	3	0	3	2018-09-30	7fic	14.96
-		10	10	0	10	41	10	0	10	2018-09-29	abkx	14.98
-		0	13	0	13	41	13	0	13	2018-09-28	abkx	16.65
-		2	10	0	10	41	10	0	10	2018-09-28	abkx	14.96
-		0	12	0	12	40	12	0	12	2018-10-08	abkx	16.19
-	y	2	3	0	3	39	3	0	3	2018-10-03	7fic	9.59

Lists of Titles

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A1 : [X] [check] [fx] Bib #				
	B	C	D	E
1	Title	Author	Cat Date	ISBN
2	The outsider	King, Stephen,	05/14/2018	9781501180989
3	A spark of light : a novel	Picoult, Jodi,	09/27/2018	9780345544988
4	The cast : a novel	Steel, Danielle,	05/14/2018	9781101884034
5	The death of Mrs. Westaway	Ware, Ruth,	05/21/2018	9781501156212
6	Shelter in place	Roberts, Nora,	05/17/2018	9781250161598
7	The president is missing	Clinton, Bill,	05/24/2018	9780316412698
8	Tailspin	Brown, Sandra,	07/27/2018	9781455572168
9	All we ever wanted : a novel	Giffin, Emily,	06/18/2018	9780399178924
10	Cottage by the sea	Macomber, Debbie,	07/05/2018	9780399181252
11	Bring me back : a novel	Paris, B. A.,	06/08/2018	9781250151339
12	The good fight : a novel	Steel, Danielle,	06/28/2018	9781101884126
13	By invitation only : a novel	Frank, Dorothea Benton,	05/14/2018	9780062390820
14	Shoot First : (think later)	Woods, Stuart,	03/30/2018	9780735217201
15	The perfect couple : a novel	Hilderbrand, Elin,	06/06/2018	9780316375269
16	Paradox	Coulter, Catherine,		9781501138126
17	Something in the water : a novel	Steedman, Catherine,	07/09/2018	1514707180

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Enable Editing

F	G	H	I	J	K	L	M	N
Checked Out Now	Holds	YTD cko	LY cko	YTD + LY cko	Circ factor	Checkouts	Renewals	Total Circ
8	5	77	0	77	209	77	0	77
4	32	4	0	4	182	4	0	4
3	0	71	0	71	176	71	7	78
5	3	46	0	46	169	46	1	47
6	0	59	0	59	161	59	2	61
5	3	54	0	54	146	54	0	54
4	4	24	0	24	124	24	0	24
4	14	29	0	29	124	29	0	29
4	0	31	0	31	124	31	2	33
4	1	39	0	39	121	39	4	43
4	1	31	0	31	120	31	2	33
1	0	47	0	47	118	47	3	50
1	0	59	0	59	114	59	9	68
4	0	37	0	37	112	37	0	37

Questions / Discussion

pshirley@cuyahogafallslibrary.org