

# IBM i Access Client Solutions (ACS)

## Latest updates

COMMON Luxembourg  
20/02/2020

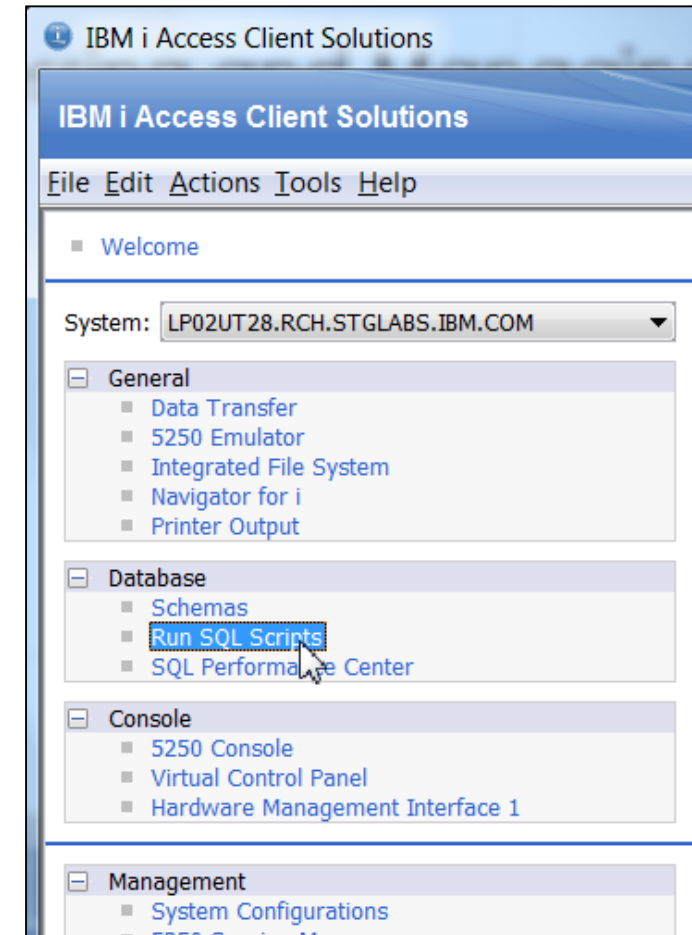
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Client Technical Architect



# IBM i Access Client Solutions (ACS) 1.1.8.3 Dec 2019

- Strategic solution for Accessing and Managing your IBM i
- Runs on:
  - Windows
  - Mac
  - Linux – All distributions
- Database tools
- The “best” 5250 Emulator
- Integrated File System
- Print

**Download it here: [ibm.biz/IBMi\\_ACS](http://ibm.biz/IBMi_ACS)**



# IBM i Access Client Solutions (ACS) 1.1.8.3

Delivers many new features based customer input and recommendation:

RFE – 20

LUG - 2



# 5250 improvements

- **F8 key (Forward)**  
Opposite of F9 (Retrieve)
- **F9 key improved to allow leading wildcards for command retrieval**

<characters>\* and F9 –  
Retrieves the previous commands that match the leading characters

- **IBM i 7.3 - PTF SI71070**  
**IBM i 7.4 - PTF SI70959**

```
Previous commands and messages:
> crtlib foo1
Library F001 already exists.
> dltlib foo1
Library F001 deleted.
> crtlib foo1
Library F001 created.

Type command, press Enter.
==> d*
```

**F9**



```
Type command, press Enter.
==> dltlib foo1
```

# Retrieve values improvement

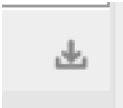
7 select Authorization\_Name, Status, No\_Password\_Indicator,  
8 Previous\_Signon, Text\_Description  
9 from Qsys2.User\_Info  
10 where Special\_Authorities like '%\*ALLOBJ%'  
11 or Authorization\_Name in (select User\_Profile\_Name  
12 from Qsys2.Group\_Profile\_Entries  
13 where Group\_Profile\_Name in (select Authorization\_  
14 from Qsys2.User\_Info  
15 where Special\_Authorities like '%\*ALLOBJ%'  
16 order by Authorization\_Name;

DEPARTMENT	TOTAL_DEPT_SALARY
D11	304246.00
A00	225190.00
D21	197553.00
E11	161811.00
E21	158982.00
C01	130902.00
B01	45350.00
E01	44189.00

Done: 8 rows retrieved.

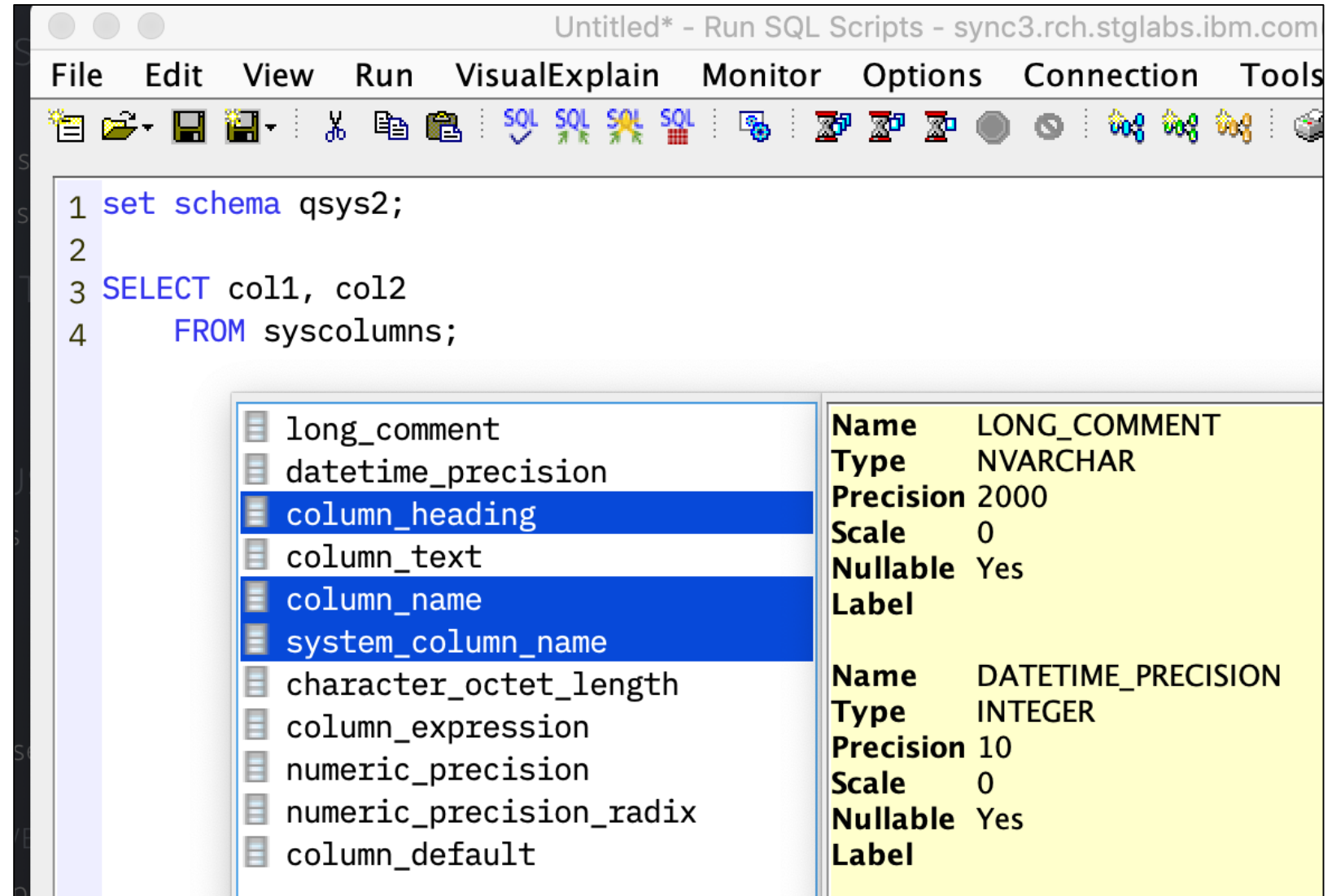
select workdept as department, sum(salary + bonus + comm) as totaRetrie

By default only 100 values are returned, the new icon when clicked returns all possible rows of information



# ACS – What's coming next...

- Prompting!
- Cmd+Space  
(Windows)
- Control+Space  
(Mac)



# Quick Filter on ACS Prompting

```
1 select workdept as department,  
2      sum(salary + bonus + comm) as total_dept_salary  
3 from Shoestore.Sales e  
4 group by workdept  
5 order by 2 desc
```

Act
Cl_Sched
Department
Employee
Empproject
Emp_Photo
Emp_Photo_Resum
Emp_Resume
In_Tray
Org
Project
Project
Sales

FILE	ACT
TYPE	TABLE
SCHEMA	SHOESTORE

DEPARTMENT	TOTAL_D
D11	304246.
A00	225190.
D21	197553.
E11	161811.
E21	158982.00

Prompt to see list of proposals

Type one or more characters to  
‘filter’ the list to match

```
1 select workdept as department,  
2      sum(salary + bonus + comm) as total_dept_salary  
3 from Shoestore.eSales e  
4 group by workdept  
5 order by 2 desc
```

Employee
Empproject
Emp_Photo
Emp_Photo_Resum
Emp_Resume

FILE	EMPLOYEE
TYPE	TABLE
SCHEMA	SHOESTORE

DEPARTMENT	TOTAL_D
D11	304246.
A00	225190.
D21	197553.
E11	161811.
E21	158982.00

# Toggle between SQL name and System Name with F11

1 select \* from wdsctest2."Table ABC"

Σ All Columns - alphabe...

Σ All Columns - ordinal

"Column A"

"Column B"

"Column C"

F5=Refresh F11=SQL Names

FIELD B

POSITION 2

TYPE INTEGER

NULLABLE Y

TABLE "Table ABC"

FILE ABC

SCHEMA WDSCTEST2

SQL Name

System Name

1 select \* from wdsctest2."Table ABC"

Σ All Columns - alphabe...

Σ All Columns - ordinal

a

b

c

F5=Refresh F11=System Names

COLUMN "Column B"

POSITION 2

TYPE INTEGER

NULLABLE Y

TABLE "Table ABC"

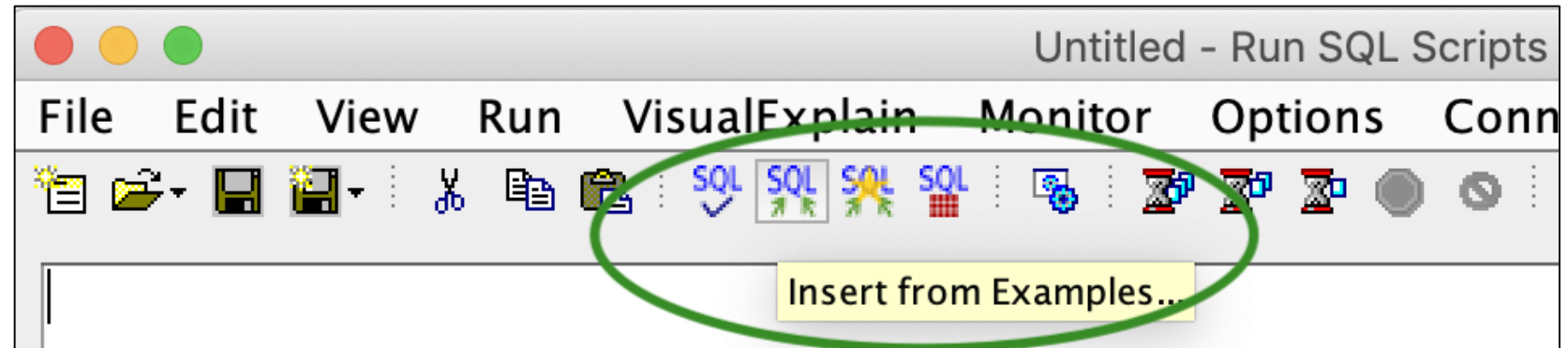
FILE ABC

SCHEMA WDSCTEST2

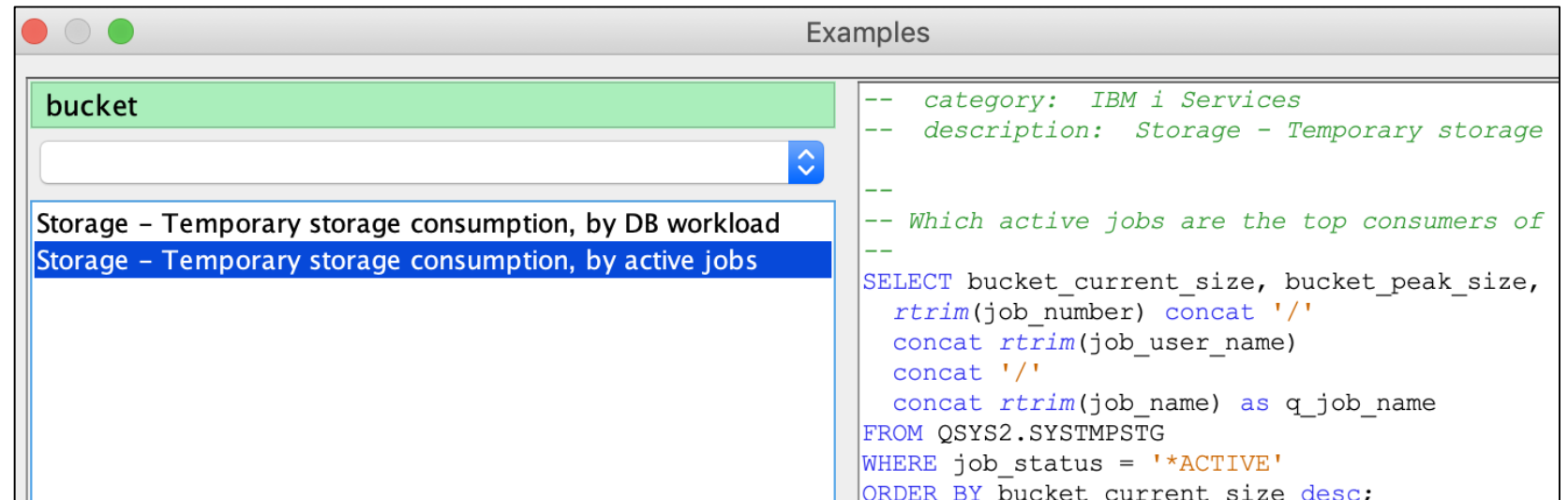


# Run SQL Scripts – Insert from Examples

- **Working SQL**
- **300+ Examples**
- **SQL for every role**

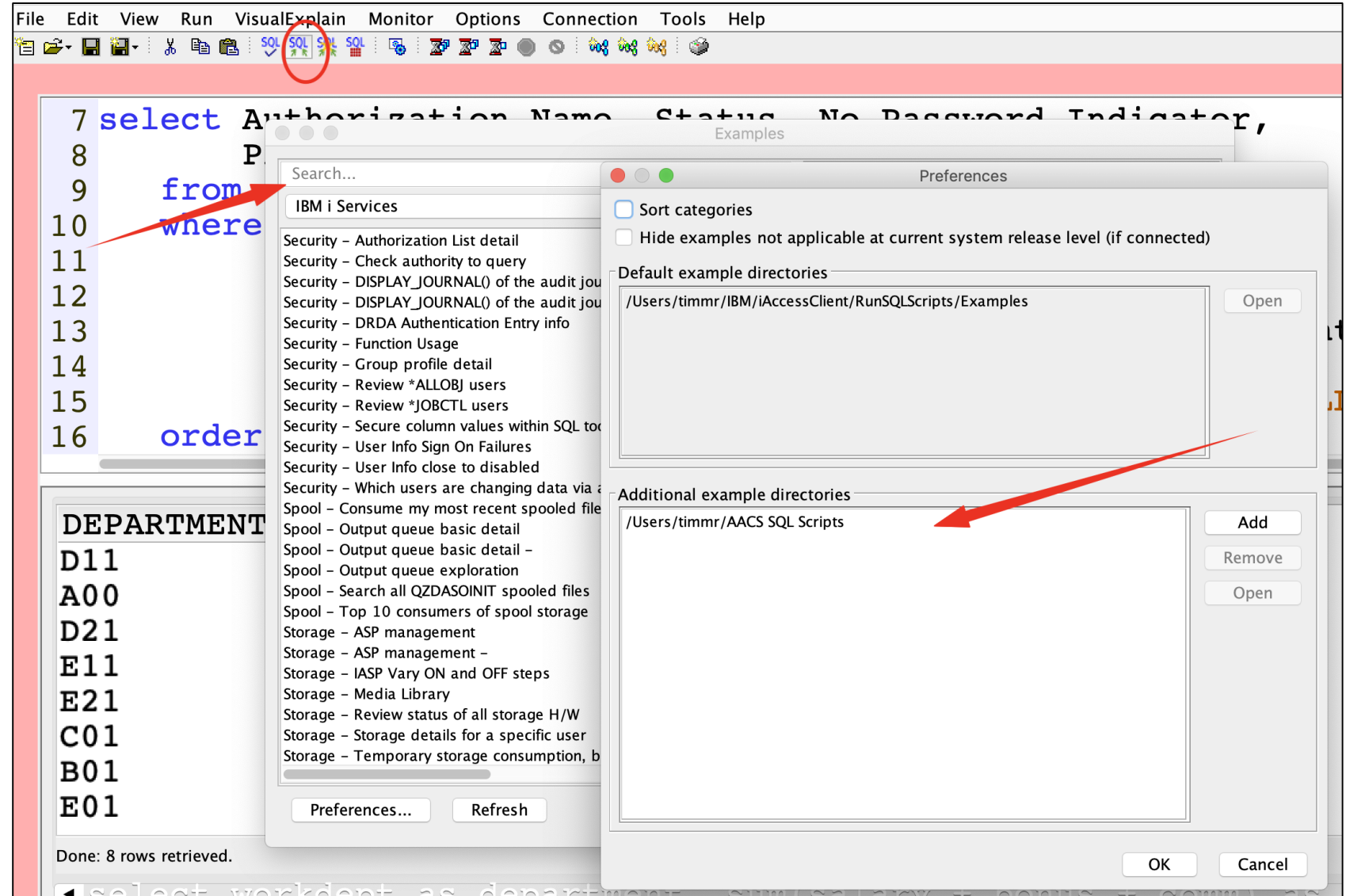


Data Definition Language (DDL)  
Data Manipulation Language (DML)  
Data Control Language (DCL)  
Routine (Function or Procedure) Statements  
Special Registers  
Built-in Global Variables  
Miscellaneous  
IBM i Services  
DB2 for i Services  
SYSTOOLS for you  
Db2 Mirror



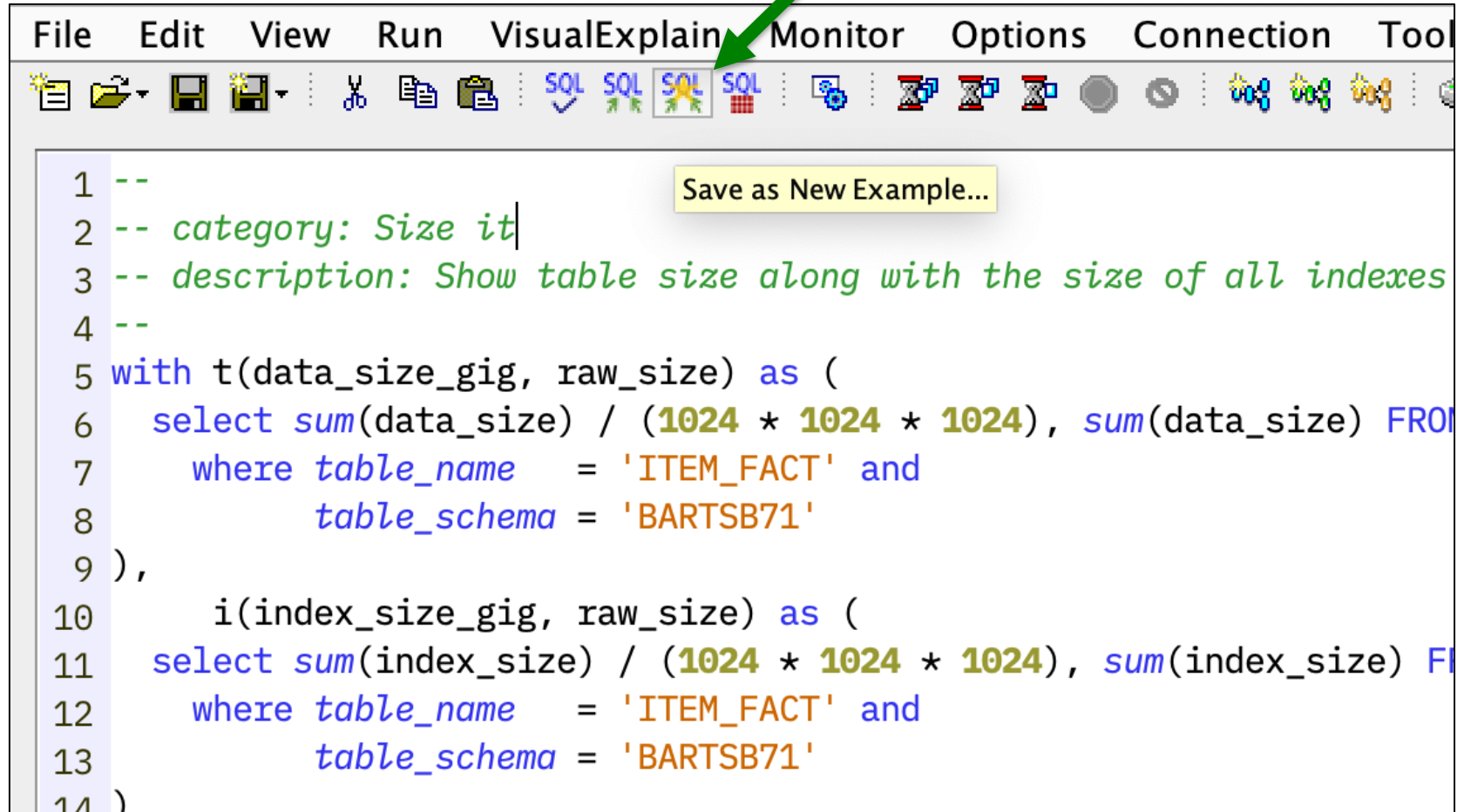
# Insert from Examples – Preference and Improvements

- Search capability, Filters based on specified characters
- Add additional directories for examples, this can include common network file locations that can be a repository for everyone



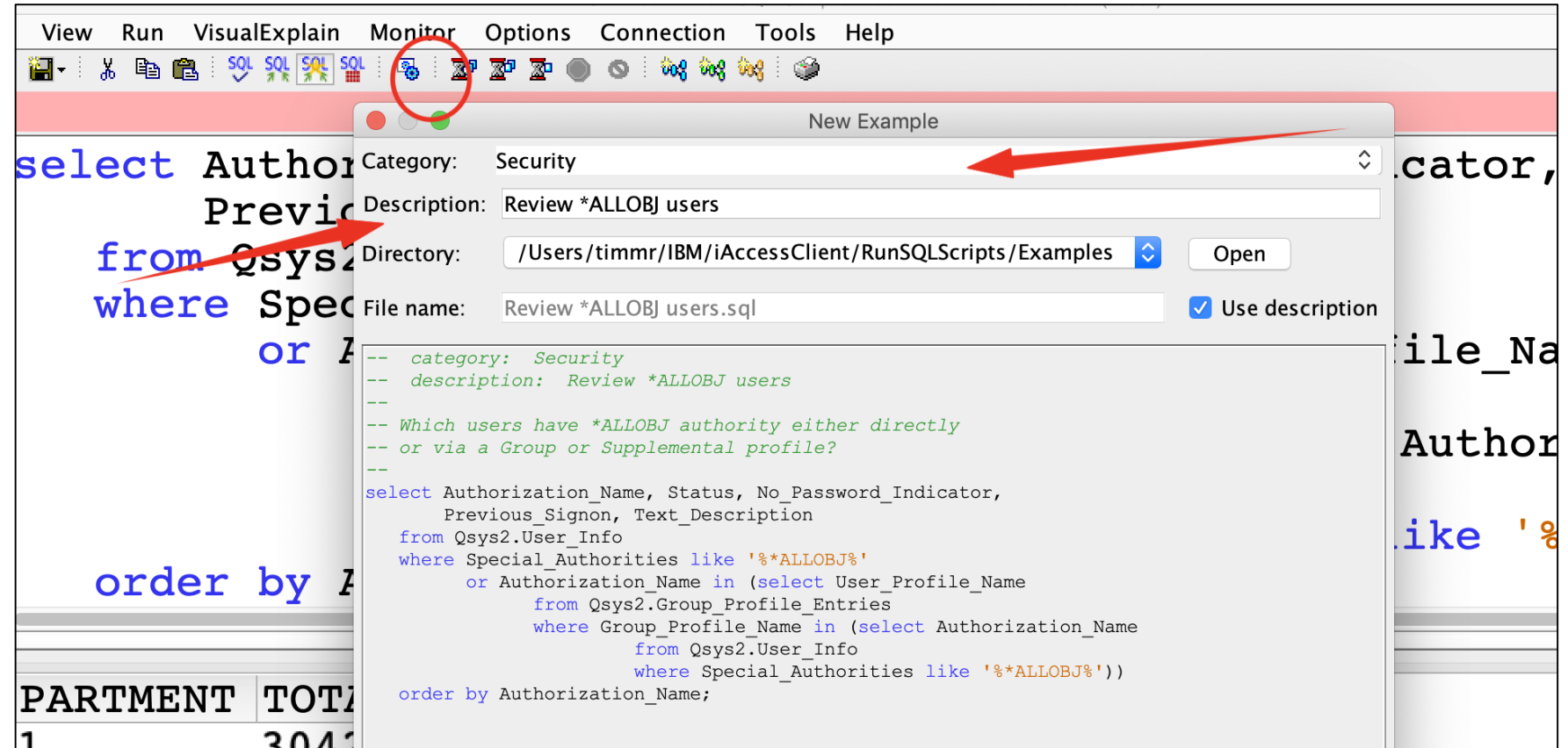
# User Defined – Insert from Examples

- Save as New Example






# Create your own 'Favorites'


- Create a new Category
- Select from Existing
- Specify a description that is easily searchable





**GitHub** Gist  [All gists](#) [Back to GitHub](#)




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 All gists 24

 Forked 1

 1

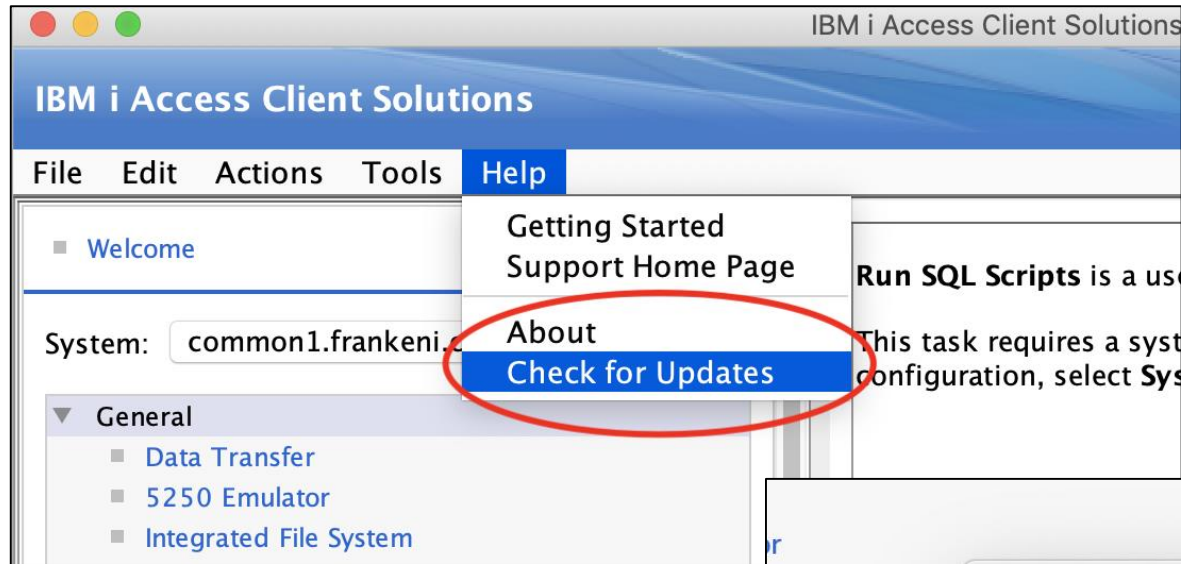


**forstie / Display Software Resources**  
Created 8 days ago  
The Display Software Resources (DSPSFWRSC) command allows you to show, p  
software resources. This SQL example shows how to externalize the same detail  
numerics into integer form.

```
1  --
2  -- category: Software Resources
3  -- description: DSPSFWRSC for SQL users
4  --
5  create or replace function coolstuff.whatsinstalled ()
6    returns table (
7      product varchar(7) ccsid 37, load integer, option
8      software text varchar(132) ccsid 37
```

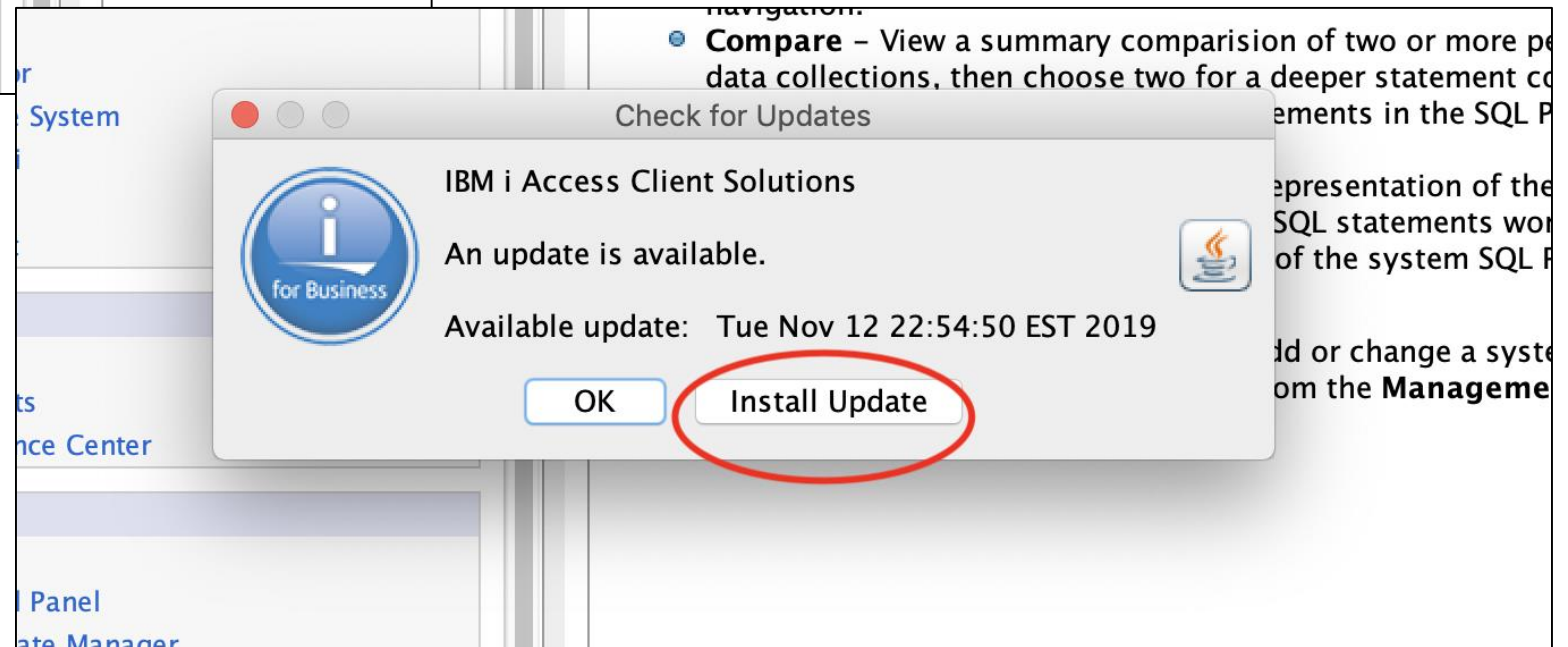


# Install from IBM i IFS



Will compare the current running version's timestamp compared to version located at  
/qibm/proddata/iAccess  
On the IBM i Integrated File System

Click to install the new version now!



# IBM i IFS Install setup

This needs to be setup by the user or administrator

Two New Properties for acsConfig.properties

- Check IBM i for updates

*com.ibm.iaccess.CheckUpdateSystem=hostname*

- IFS path to check (optional)

*com.ibm.iaccess.CheckUpdatePath=/path\_where\_zip\_was\_extracted*

*(if Path is not specified the default location will be checked -  
/QIBM/ProdData/Access/ACS/Base )*

In the near future, updates to ACS will also be delivered by PTF