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IBM i Lifecycle and What is Announcing





Agenda - IBM i May 7 TR Announcement



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SQL Services

Scott Forstie

ACS

- Merlin V2
- Code for i Database Extension
- Navigator

Remote System Explorer API

RPG Enhancements

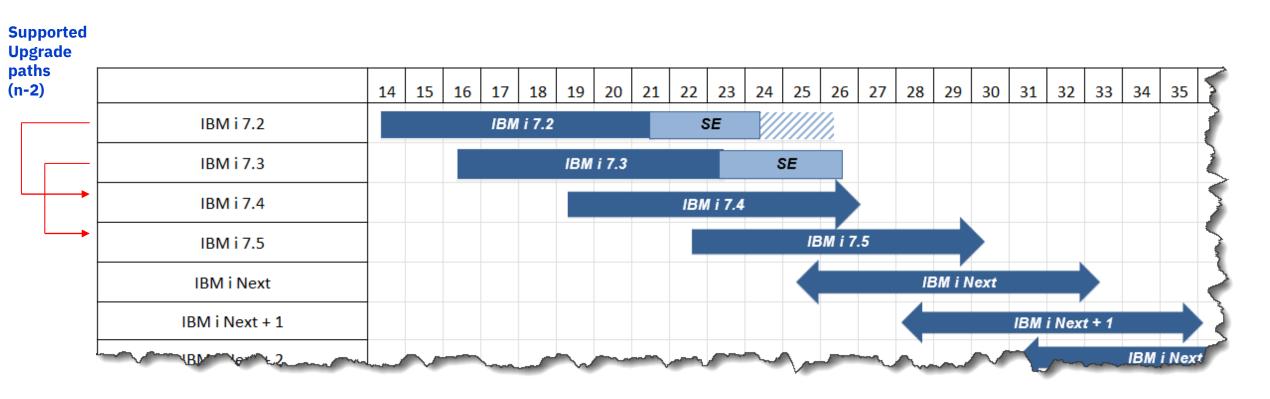
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IBM i Conversion Pricing	PM Team		
IBM Power S1012 (9028-21B)	Daniel Goldener		
Withdrawals	Douglas Gibbs Linda Hirsch		
Events	Douglas Gibbs		



IBM i Support Roadmap





IBM i 7.1/ 7.2 Service Extensions end 4/30/2024

^{**} All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice and represent goals and objectives only.

^{**} Arrows indicate "ongoing status" and do not imply any specific dates.

IBM i Roadmap & Strategy Foundation



2016 2019 2022

IBM i

IBMi

IBM i

IBMi

• • •

7.3

7.4

7.5

i Next

i Next+1

& Db2 Mirror
Continuous Availability
2-node Cluster

& IBM i Merlin
OpenShift-based
Application
Modernization

TRs









Power Solutions

Options

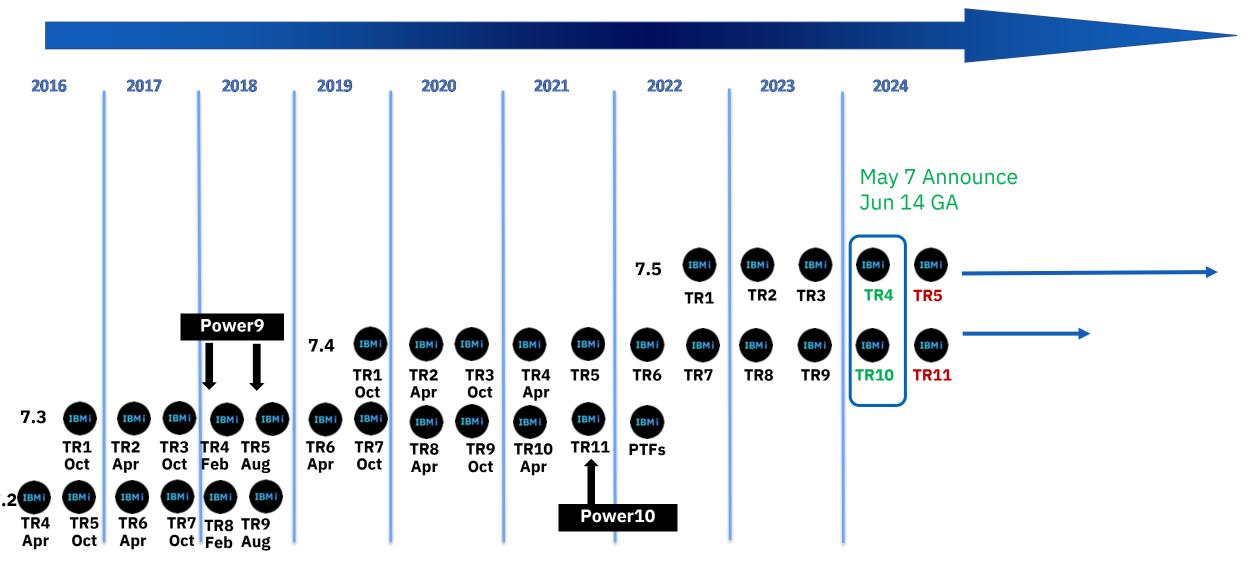
Integration

^{**} All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice and represent goals and objectives only.

^{**} Arrows indicate "ongoing status" and do not imply any specific dates.

IBM i Release Roadmap – Announcement Dates





^{**} All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice and represent goals and objectives only.

^{**} Arrows indicate "ongoing status and do not imply any specific dates.

IBM i 7.5 TR4, IBM i 7.4 TR10 - Announce 05/07/2024



IBM i Operating System

- Security
 - The IBM i CCA CSP updated to support CHIM release 3.3.8
- Cluster administrative domain
 - · Support for adopted authority

Db2 for i

- Db2 for i enhancements
 - The ANY_VALUE built-in aggregate function is added
 - CREATE ALIAS (SQL) statement includes support for the keyword *LAST
- IBM i Services
 - A variety of new table functions and procedures to access IBM i objects

HA/DR

- PowerHA
 - IBM FlashSystem Asynchronous Policy-based Replication
 - Enhanced Administrative Domain Integration
 - PowerHA Modern Web Interface
 - PowerHA SQL Services
- BRMS
 - Support for 3592-70F tape drives and media
 - Support software data compression for tape and virtual tape

Hardware Features for IBM i

- Support for IBM Power offerings
 - Support for new IBM Power S1012 server
 - Support for #EN2Y and #EN2Z: PCIe 4-port 1 GbE Adapter
- BMC-based ASMI adds IBM i functions to support multiple console function and new support for D-mode IPL tasks without an HMC

Application Modernization & Open Source

- Code for IBM i
 - RPG Programmer
 - Database Extension
- IWS
 - New APIs for managing digital certificates on the system
 - · APIs to retrieve TLS system information.
- Rational Development Studio for i– RPG Specific
 - The CONST keyword is now allowed for data structure & standalone fields
 - SND-MSG is enhanced to allow the specification of additional message types
- Rational Developer for i
 - ILE Docs and TAG support include
 - Introduction of a new @LINK{hyperlink} tag
 - Addition of F1 help for tag support
 - Quick filters and Object table view improvements

System Management

- Navigator for i
 - Style changes for a simplified and modernized GUI appearance
 - Improved sign-on prompt for GUI node authorization
 - Networking improvements or multiple TCP/IP services
 - Monitor Jobs now leverage Java 11 or 17
 - Performance Data Investigator (PDI) Enhancements
 - · Advanced Job Scheduler support for iASP
 - Console support for ARE is now included in Navigator
- ACS
 - Visual Explain enhancements to RUNSQL Scripts
 - Enhancements to the actions to generate SQL DML statements for tables and views

IBM i May 7 TR Announcement

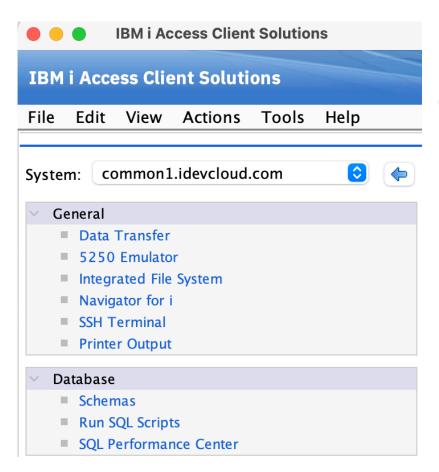
Scott Forstie - <u>forstie@us.ibm.com</u>
Db2 for i Business Architect





IBM i Access Client Solutions (ACS)





https://ibm.biz/IBMi ACS



Run SQL Scripts (RSS):

- Content Assist performance improvements
- Copying text from Job Log viewer
- When selecting files from a PC, the List or Details is saved
- Insert from Examples extended

Visual Explain:

- Many usability enhancements

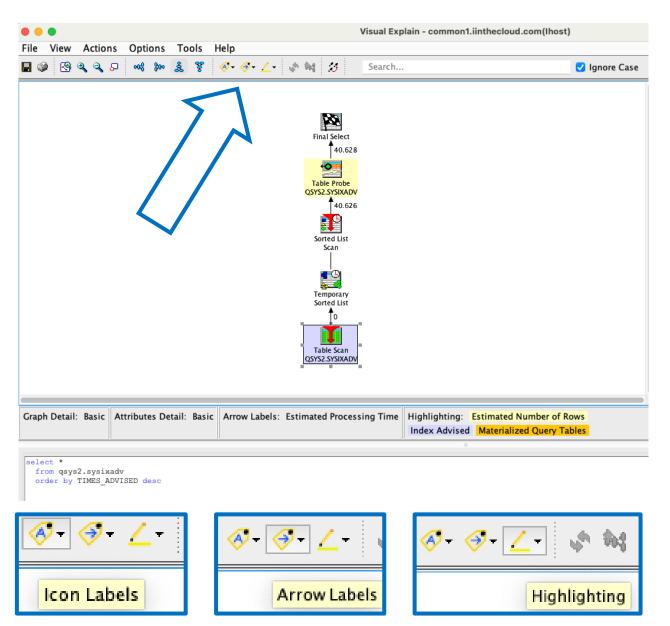
Schemas:

- Improved SQL Data Manipulation Language (DML) generation for tables and views

https://www.ibm.com/support/pages/ibm-i-access-acs-updates

ACS - Visual Explain enhancements





Ideas:

Visual Explain Buttons for Actuals and Estimates

IBM "Ideas":

- Visual Explain provide ability to change settings via the diagram legend
- Visual Explain Actions menu differentiate between graph and icon actions
- Visual Explain new arrow label option to show estimated and actual rows
- Visual Explain add tool tip hover text to graph links
- Visual Explain save icon spacing as a persistent setting
- Visual Explain Improved zoom in and out
- And others...

Db2 for i – Database Engineering



SQE:

- Active_Query_Info extended with another filter (Job User)
- Dump_Plan_Cache extended with another filter (IASP)

Catalogs:

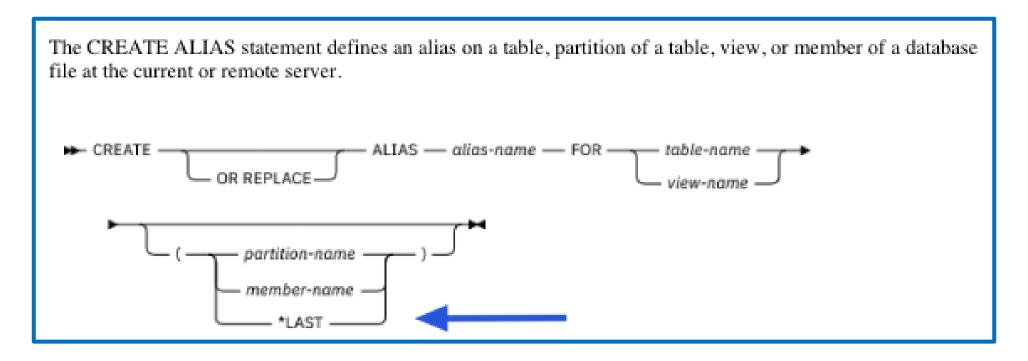
- Addition of SYSMEMBERSTAT, which returns more data than SYSPARTITIONSTAT
- Addition of SYSTEM_OBJECT_TYPES, one row for every IBM i object type

Multi-member files and source physical files:

- CREATE ALIAS (SQL) support for *LAST

Create Alias with *LAST





- *LAST corresponds to the most recently created member
- The resolution of which member to use occurs at the time of use, not the time of alias creation
- Generate SQL on the ALIAS returns *LAST
- Save and Restore of the ALIAS retains the *LAST behavior

Create Alias with *LAST



--- Access TODAY's CS data for SQL PLAN CACHE PERFORMANCE
-- create or replace alias qtemp.TODAYS_SQLPC_DATA for QPFRDATA.QAPMSQLPC(*LAST);
Select * from qtemp.todays_sqlpc_data;

	Interval		Elapsed		Plans in	Plan cache	Plan cache	Plan cache
Interval	date		interval	Active	plan	size	size limit	size
number	time		seconds	queries	cache	(MB)	(MB)	threshold (%)
INTNUM	DATETIME		INTSEC	SQCURQRY	SQCURPLN	SQPCSIZE	SQPCLIMIT	SQPCTHRESH
	1 2024-05-01	00:15:00.000000	889	58	1943	252	512	94
:	2 2024-05-01	00:30:00.000000	900	58	1944	253	512	94
	3 2024-05-01	00:45:00.000000	900	58	1945	253	512	94
	4 2024-05-01	01:00:00.000000	900	58	1946	253	512	94
!	5 2024-05-01	01:15:00.000000	900	58	1947	253	512	94
	6 2024-05-01	01:30:00.000000	900	58	1948	253	512	94
	7 2024-05-01	01:45:00.000000	900	58	1949	253	512	94

SQL Built-in Functions

- June 2024 **ANY_VALUE**
- November 2023 <u>ENCRYPT_AES256</u>,
 <u>HTML_ENTITY_DECODE</u>, and <u>HTML_ENTITY_ENCODE</u>
- May 2023 More HTTP functions based in QSYS2
 ADD_DAYS, ADD_HOURS,
 ADD_MINUTES, ADD_SECONDS, & ADD_YEARS



- November 2022 FIRST DAY, JSON UPDATE, & TIMESTAMPDIFF BIG
- May 2022 TRY CAST
- October 2021 <u>New HTTP functions based in QSYS2</u>
- July 2020 INTERPRET built-in function & HASH_ROW built-in function
- January 2020 HASH Built-in functions

ANY_VALUE aggregate function



ANY_VALUE(*expr*) aggregate function tells the optimizer that it can return any of the values defined by *expr* that exist within a given group. For certain grouping queries, this:

- Makes queries easier to write
- Enables better index usage

Assume PostalCode uniquely identifies a city and state (mostly true in the U.S.) I want a count of the customers in each postal code.

SELECT COUNT(*), PostalCode FROM Customers GROUP BY PostalCode;



IBM Idea: Add an ANY VALUE aggregate function

ANY_VALUE aggregate function



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Assume PostalCode uniquely identifies a city and state (mostly true in the U.S.) I want a count of the customers in each postal code.

```
SELECT COUNT(*), PostalCode FROM Customers GROUP BY PostalCode;
```

If I want to my query to show the City and State for each PostalCode, I have to add it also to the GROUP BY list:

```
SELECT COUNT(*), City, State, PostalCode FROM Customers
   GROUP BY PostalCode, City, State;
```

To use index access, I need to have an index with three leading keys: PostalCode, City, State

ANY_VALUE aggregate function



ANY_VALUE(*expr*) aggregate function tells the optimizer that it can return any of the values defined by *expr* that exist within a given group. For certain grouping queries, this:

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SELECT COUNT(*), City, State, PostalCode FROM Customers

GROUP BY PostalCode, City, State;

To use index access, I need to have an index with three leading keys: PostalCode, City, State
```

With ANY_VALUE, I can add these columns without changing the grouping specification:

```
SELECT COUNT(*), ANY_VALUE(City), ANY_VALUE(State), PostalCode
FROM Customers GROUP BY PostalCode;
```

This enables my query to use any index that has PostalCode as the leading key.

ANY VALUE gives the optimizer more implementation choices.

Db2 for i – Programming



SQL services for ILE-style programming:

- SYSTOOLS.PUTENV() scalar function
- SYSTOOLS.GETENV() scalar function
- SYSTOOLS.ERRNO_INFO() scalar function

SQL services for the IFS:

- SYSTOOLS.IFS_UNLINK scalar function
- QSYS2.COMPARE_IFS() table function

Enhanced services:

- SYSTOOLS.GENERATE_SPREADSHEET()
- SYSTOOLS.SEND_EMAIL()

- ✓ Support for more spreadsheet types
- ✓ Smarter spreadsheet column width for xlsx and xls spreadsheet types



- ✓ Support for CC
- ✓ Support for BCC
- ✓ Support for up to 20 email recipients
- ✓ Support for up to 10 attachments

Db2 for i – Security



SQL services for the audit journal:

- SYSTOOLS.AUDIT_JOURNAL_NA (Attribute Change)
- SYSTOOLS.AUDIT_JOURNAL_PS (Profile Swap)
- Improved performance for some helper functions
- MANAGE_AUDIT_JOURNAL_DATA_MART

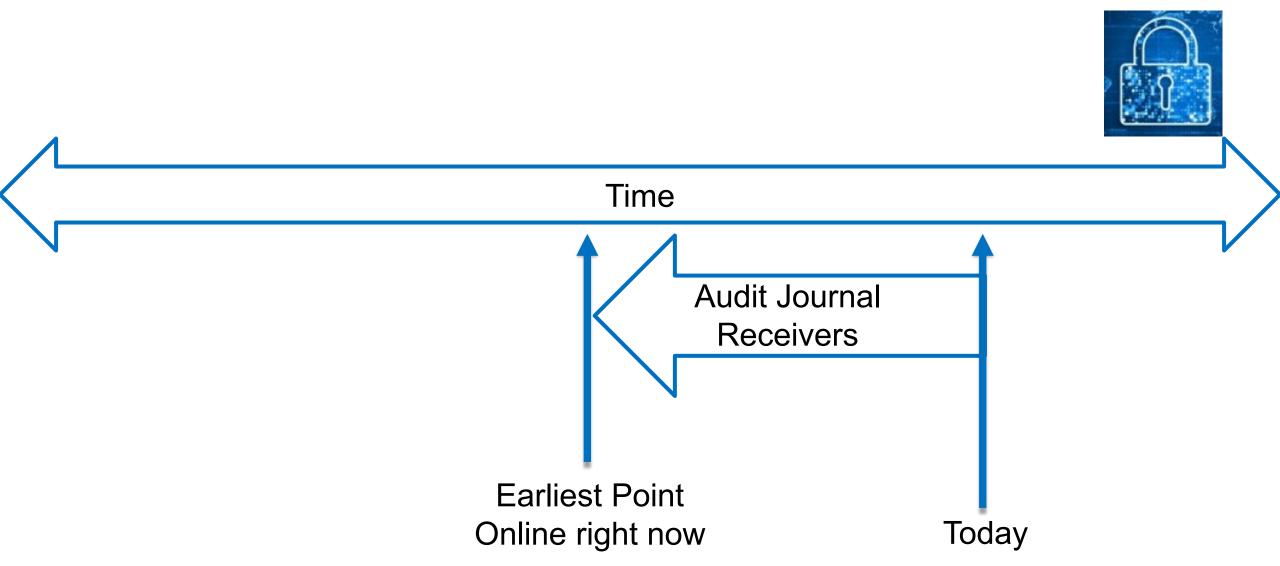
SQL services special authority:

- SYSTOOLS.SPECIAL_AUTHORITY_DATA_MART

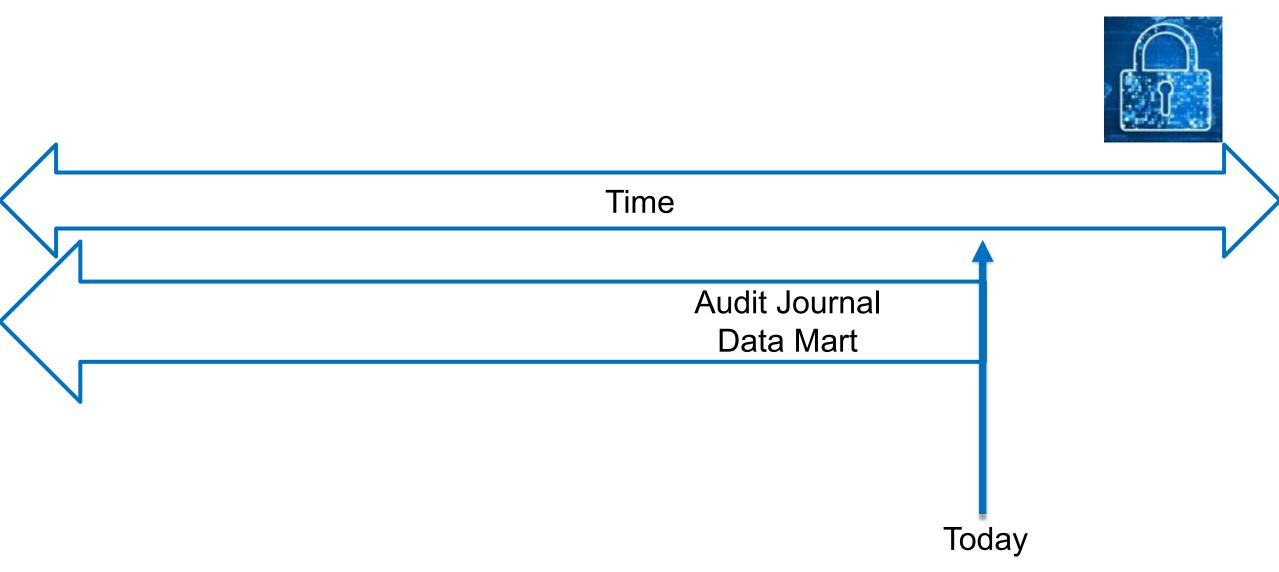
Improved Secure by default:

- Add Physical File Trigger (ADDPFTRG) changed from *PUBLIC *USE to *PUBLIC *EXCLUDE
- Other changes, some noted in the Memorandum to Users (MTU)











Establish a Data Mart for the AF (Authority Failure) audit journal entries

```
cl: crtlib AUD DMART;
cl: RVKOBJAUT OBJ(AUD DMART) OBJTYPE(*LIB) USER(*PUBLIC) AUT(*ALL);
CALL QSYS2.MANAGE AUDIT JOURNAL DATA MART (
  JOURNAL ENTRY TYPE => 'AF',
  DATA MART LIBRARY => 'AUD DMART',
  STARTING TIMESTAMP => '*FIRST',
  ENDING TIMESTAMP => DEFAULT,
  DATA MART ACTION => 'CREATE'
```



Add entries to the data mart, starting at the latest point of previous capture

```
CALL QSYS2.MANAGE_AUDIT_JOURNAL_DATA_MART (
   JOURNAL_ENTRY_TYPE => 'AF',
   DATA_MART_LIBRARY => 'AUD_DMART',
   STARTING_TIMESTAMP => '*CONTINUE',
   ENDING_TIMESTAMP => NULL,
   DATA_MART_ACTION => 'ADD'
);
```

IBM i May 7 TR Announcement

Tim Rowe - <u>timmr@us.ibm.com</u> STSM - Business Architect Application Development & Systems Management for IBM i







Modernization Engine for Lifecycle Integration



Merlin V2

Merlin V2 - GA planned for June 15



Cloud ready modern ecosystem for IBM i native development

- Built on the latest in DevSpaces
- Leveraging the latest Code for i technology
 - Improved developer experience
 - Db2 integration! Create and test your SQL from your Merlin IDE interface
 - Tools to help move from Source Physical Files into a GIT Repo
- Simplified OpenShift Requirements with Single Node OpenShift (SNO)



Merlin V2 - GA Jun 15



Cloud ready modern ecosystem for IBM i native development

- Supports IBM i 7.3 or later
- Supports Power9 and Power10 platforms only
- Leverages DevSpaces vs old Eclipse based environment
- Full for Code for IBM i support built on VS Code
 - Latest Code for IBM i additions including Db2 for i plugin
 - Support optional 3rd party plugins for Merlin IDE
- Improved Debugger support
- Latest ARCAD product updates:
 - Transformer
 - Observer
 - Builder
- Supported for OpenShift v4.14 & Single Node (SNO)
- Subscription based pricing only
- Contains a full replacement for source control management solutions
- Improved usage metrics for better resource estimations
- Merlin v1 withdrawal
 - EOS notice will be 5 months vs standard 1yr
 - Easy transitions to Version 2



Merlin - Modernization Engine for Lifecycle Integration



Modern / Centralized Source Control and Branching



Modern RPG



Convert Fixed to Fully Free Format



Application Impact Analysis



- Browser based VSCode IDE
- Intelligent Build
 - Comprehensive IBM i application builds



- Automated build integration
 - Jenkins



Safe, Secure, Running in RedHat OpenShift or SNO

Secure, full function modern development ecosystem



Visual Studio Code & Code for IBM i





Used by 74% of professional developers



27k+ installs



2000+ daily users



Extended by Merlin and ISVs

Developer statistics from StackOverflow Survey 2023

Reference customers: FNZ Group, KS3 Solutions, CMA Technology Solutions, Amalgamated Banks of South Africa, Directa SIM, Vermont Information Processing, Polar Beverages, Wright Service Corp, CPB Software



Code for IBM i

Db2 for i

Code Coverage

Notebooks

Display File Viewer

ISV integration

MDCMS

Rocket

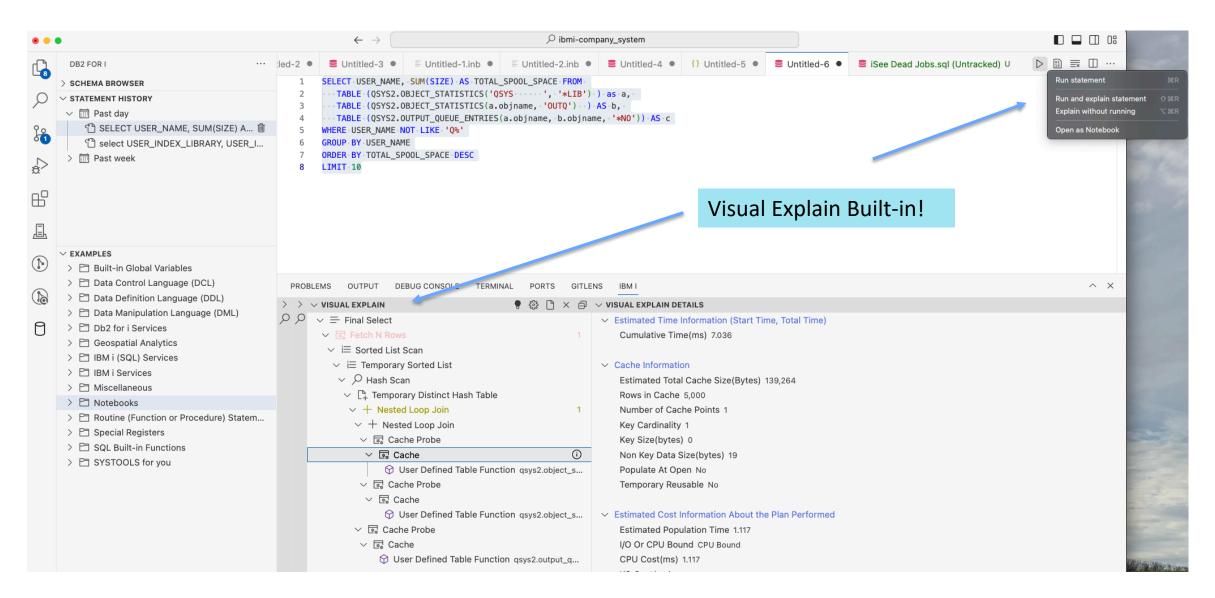
ARCAD

... future ...

Base tools Separate tools

Db2 Extension within Code for i





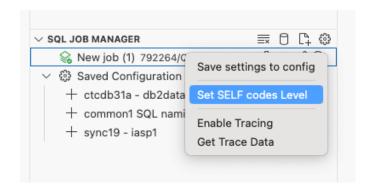
Support for the SQL Error Logging Facility (SELF)



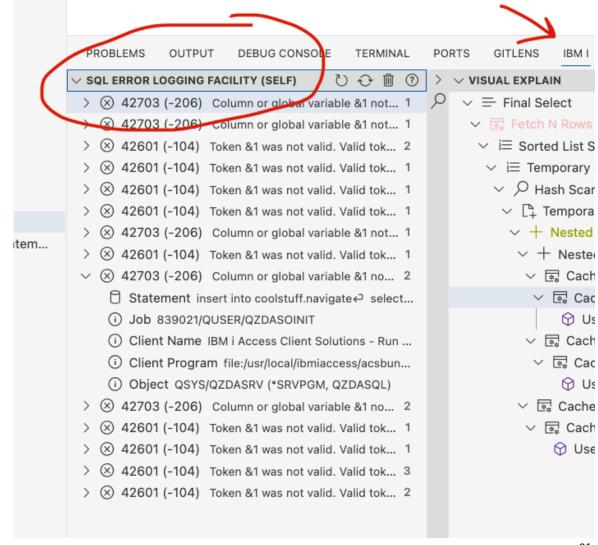
Challenge: Finding, understanding, and fixing SQL errors and warnings

SELF - Captures details about user specified SQL errors or warnings

VsCode Db2 for i extension provides a new easy to use interface for seeing the item captured by SELF



https://www.ibm.com/support/pages/node/6828091

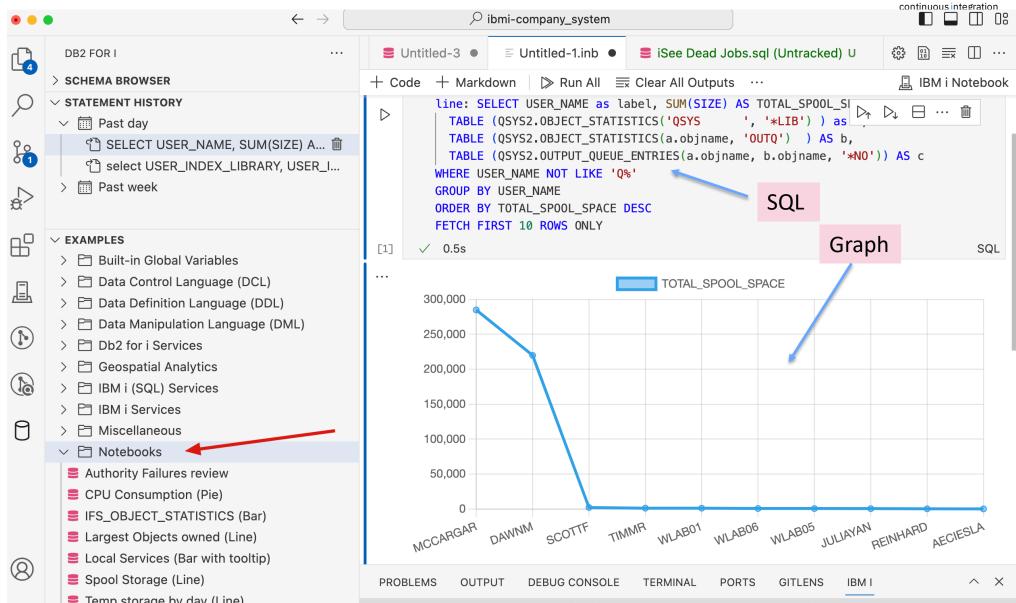


Notebooks in VsCode



SQL in.....
Generated data delivered in Graph form!!!

Publish as a doc!!!



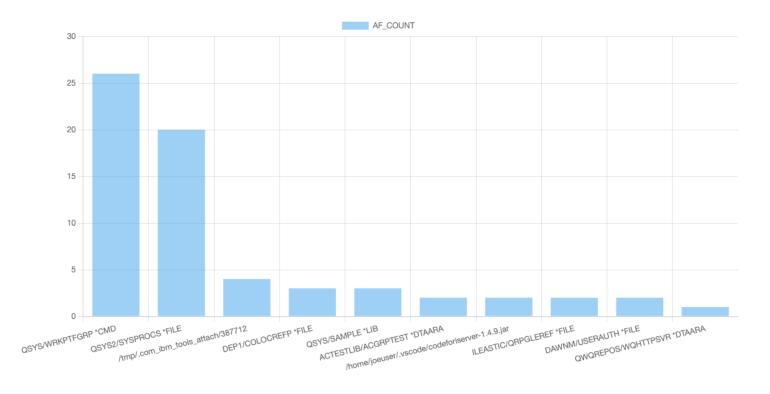
Notebooks published as a Report!



file:///Users/scottforstie/AF failures on common1 - april 30.html



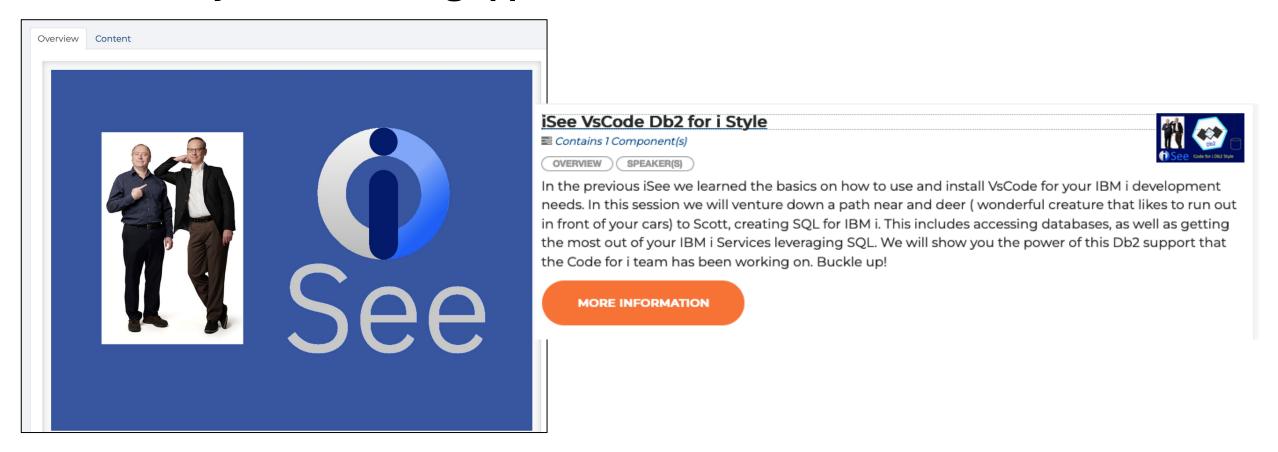
Which objects are having the authorization failures?



iSee educational videos (hosted by COMMON)



Many "free" learning opportunities



https://learn.common.org/products/ibm-isee#tab-product tab overview

IBM i Remote System Explorer API



Authenticate to an IBM i and Access Data / Change things with REST



https://www.ibm.com/support/pages/node/6982701.

RSE API – New DCM Management Services



POST /api/v1/security/dcm/cert/list Retrieve a list of certificates in a certificate store.

Example request:

```
"certStoreType": "CMS",
"certStorePath": "*SYSTEM",
"certStorePassword": "passw0rd",
"filters": {
    "alias": "q*",
    "certTypes": [
        "SERVER_CLIENT",
        "CERTIFICATE_AUTHORITY",
        "CERTIFICATE_SIGNING_REQUEST"
    ],
    "daysUntilExpiration": 5000,
    "excludeExpired": false
}
```

POST /api/v1/security/dcm/cert/import Import a digital certificate.

Sample request:

```
"certStoreType": "CMS",
  "certStorePath": "*SYSTEM",
  "certStorePassword": "myPassw0rd",
  "certType": "SERVER_CLIENT",
  "certAlias": "mylabel",
  "certData": "BASE64-BLOB",
  "certDataPassword": "myPassw0rd"
}

Import
Certificates

Certificates
```

POST /api/v1/security/dcm/appdef/associate Assign digital certificate(s) to an existing application definition.

Example request:

And More....

Everything you need to Automate the regular management of certificates in DCM

IBM i Remote System Explorer API



PTFs are available that contain the new DCM REST APIs. The PTFs are:

SI85817 V7R5M0 (RSE APIs)

SI86098 V7R5M0 (DCM)

SI85818 V7R4M0 (RSE APIs)

SI86097 V7R4M0 (DCM)

SI85819 V7R3M0 (RSE APIs)

SI86095 V7R3M0 (DCM)

https://www.ibm.com/support/pages/node/7144245





Navigator

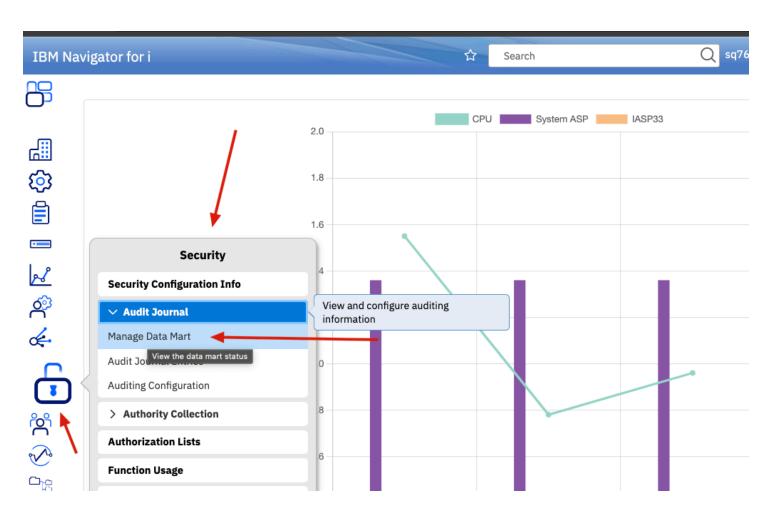
https://www.ibm.com/support/pages/navigator-i

Navigator – Audit Journals Like Never Before!



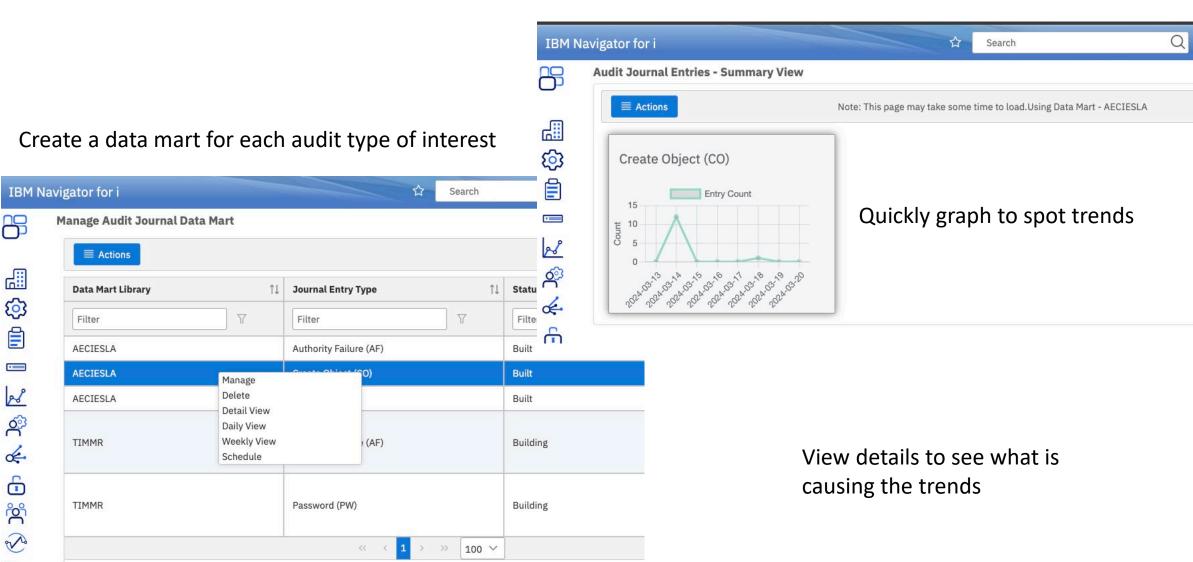
New Datamart!

- Consolidate Audit entries across many days to enable fast graphing and inspection
- Pay attention to Audit info to spot trends and security concerns



Navigator – Audit Journals Like Never Before!

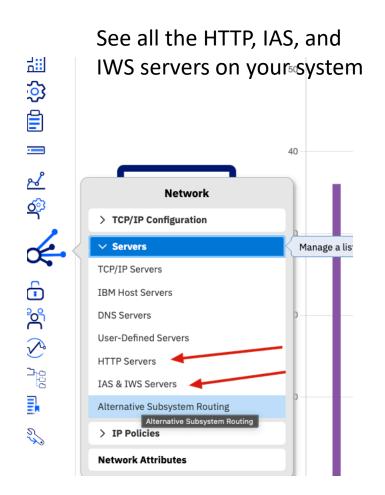


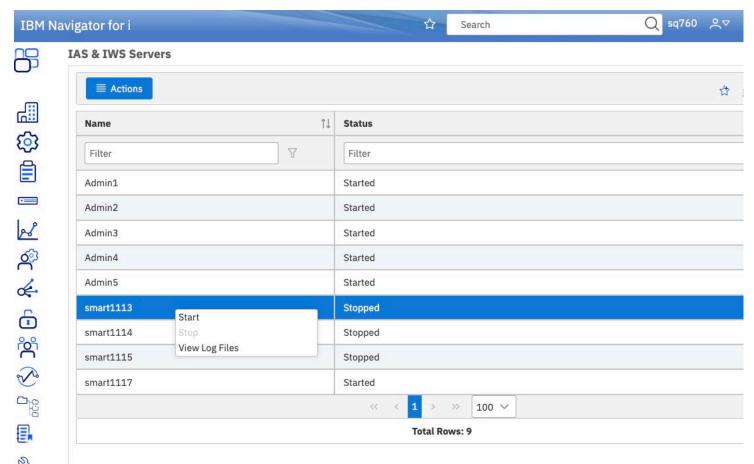


Selected Rows: 1 | Total Rows: 5

HTTP, IAS and IWS Server Management



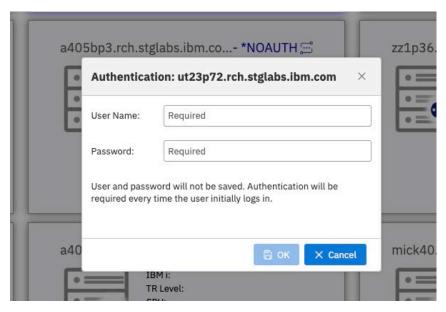




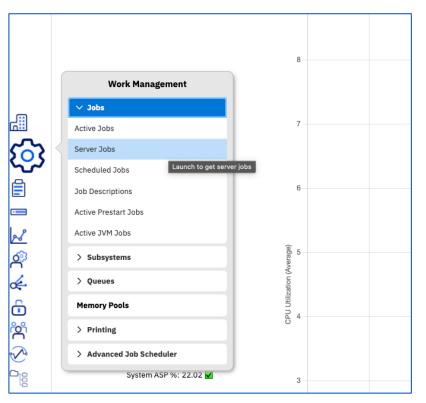
Manage the servers all from Navigator

Updated Angular Infrastructure – Cleaner Look





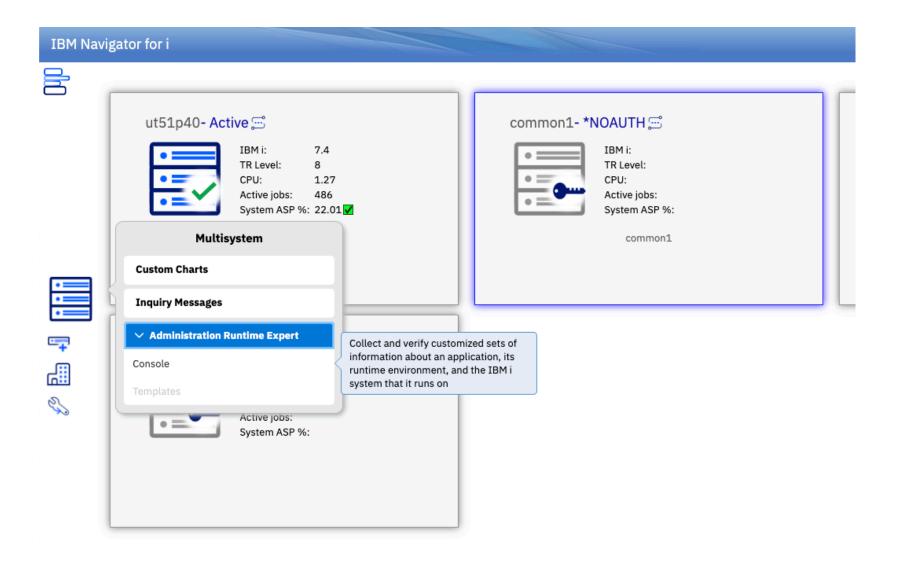
Cleaner prompt for authenticating to an IBM i node



Cleaned up left nav menu

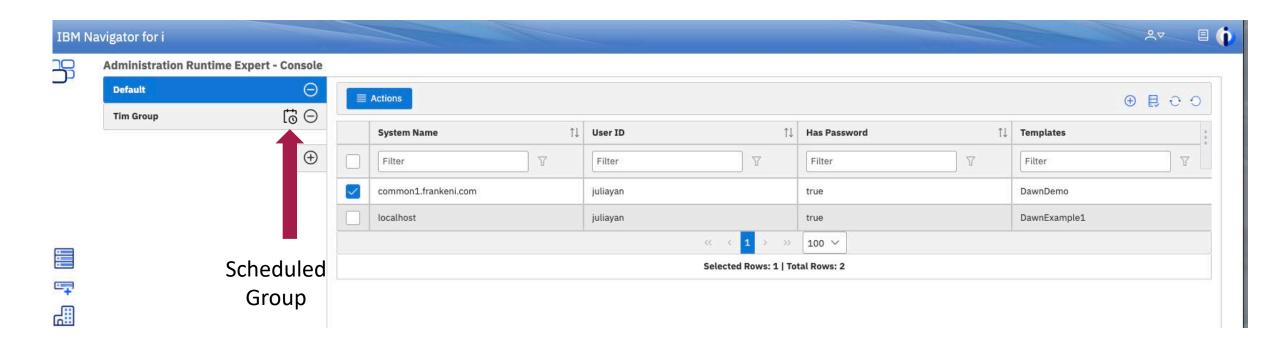
ARE – Console support built into Navigator





ARE – Run Template

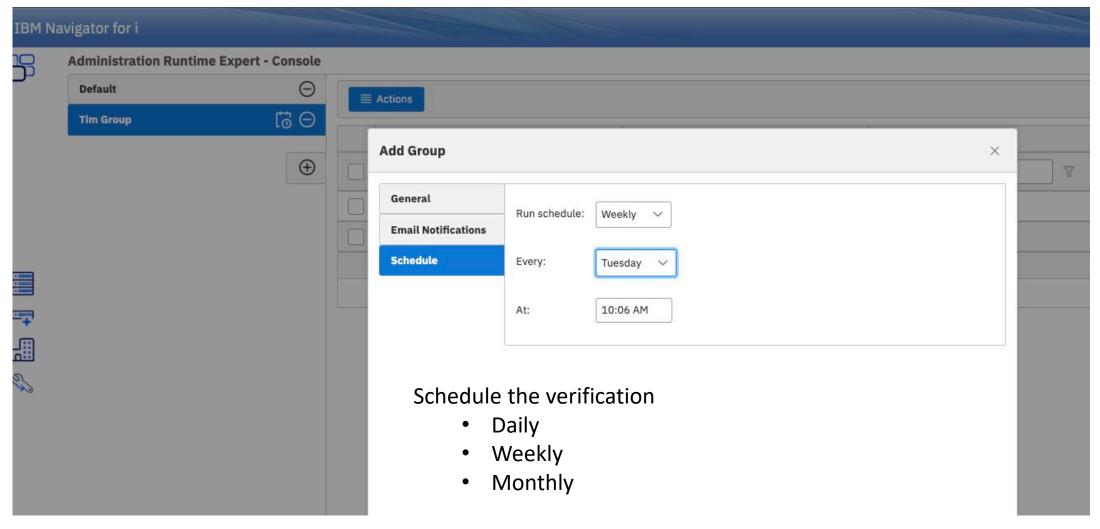




Add Group of Systems and Templates to Verify

ARE – Schedule a Verification





Schedule now tied to Admin1. Restart Admin1 and Scheduled Verifications are resumed

ARE – Details and Fix Actions

User Profile Verifier

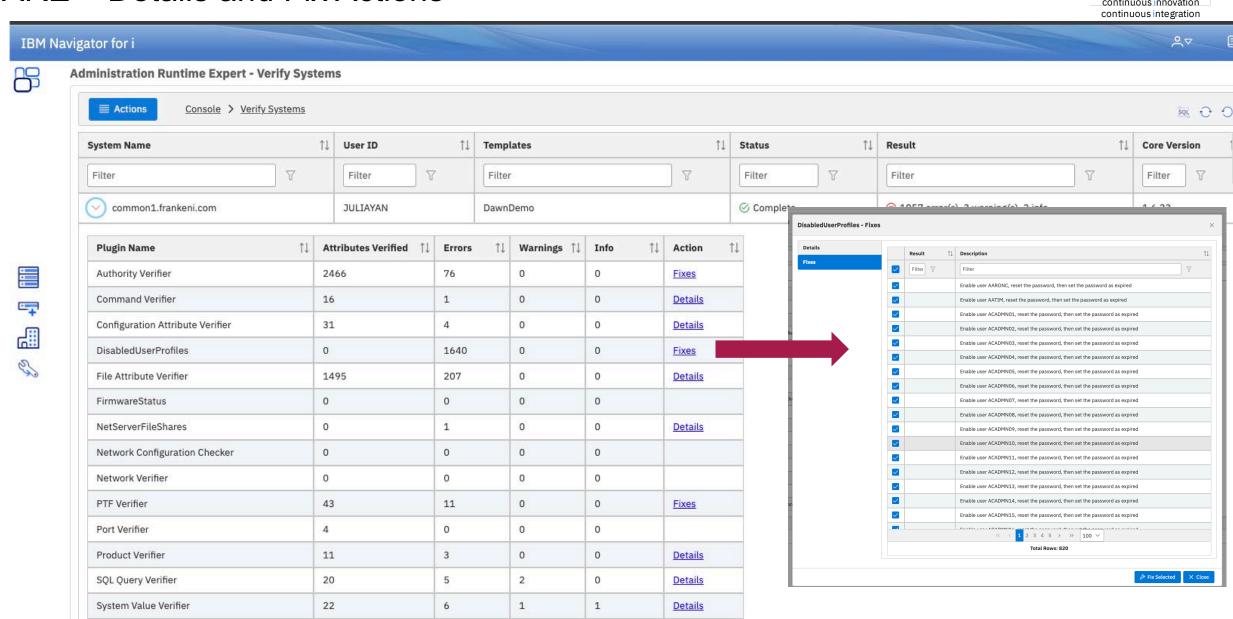
Verify Collection Services Configuration

120

0

2





0

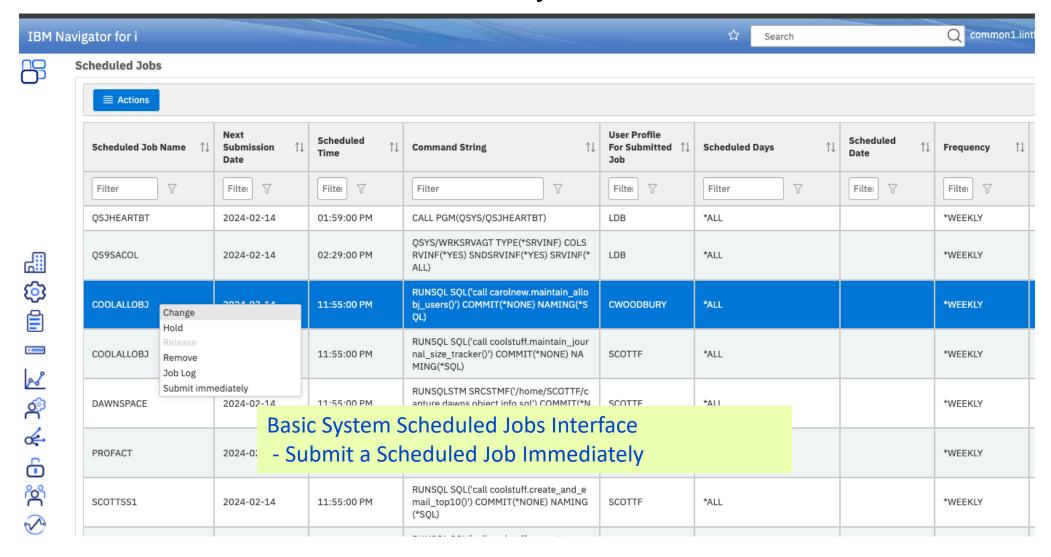
Fixes

Details

0

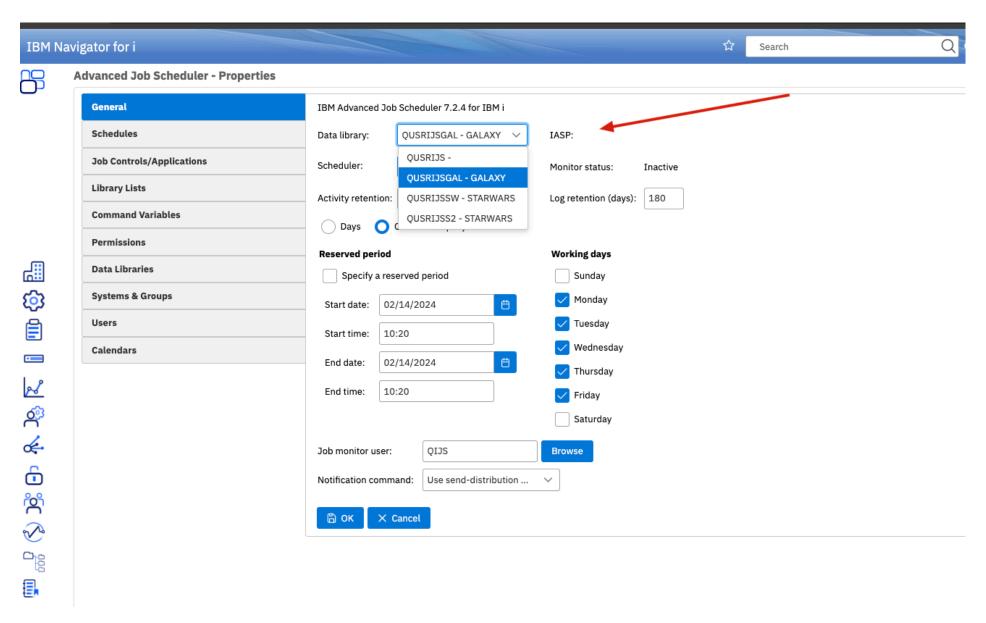
Scheduled Jobs – Submit Immediately





Advanced Job Scheduler – IASP Support







What's New for RPG in Spring 2024



New options for SND-MSG

New message types for SND-MSG

- *COMP New
- *DIAG New
- *ESCAPE
- *INFO
- *NOTIFY New
- *STATUS New

```
snd-msg *comp 'Order processed successfully';
```

PTFs for 7.4 and 7.5 - Spring 2024

New options for SND-MSG

New targets for SND-MSG

- *CALLER
- *CTLBDY New, send to the activation group boundary
- *EXT New, send to the external message queue
- *SELF
- *PGMBDY New, send to the program boundary

Send a message to the caller of the current program:

```
snd-msg *escape order_num + ' not found'
%target(*pgmbdy : 1);
```

PTFs for 7.4 and 7.5 - Spring 2024

New options for SND-MSG

PTFs for 7.4 and 7.5 - Spring 2024

A *STATUS message sent to *EXT displays at the bottom of the interactive screen.

```
Selection or command
===> call process

F3=Exit F4=Prompt F9=Retrieve F12=Cancel
F23=Set initial menu
11340 of 100000 complete.
```

Constant standalone fields and data structures

PTFs for 7.4 and 7.5 - Spring 2024

The CONST keyword is supported for variables

A constant field cannot be modified by the program after it is initialized

For data structures, it is only supported for the entire data structure

An individual subfield cannot be defined as constant

Constant standalone fields and data structures

PTFs for 7.4 and 7.5 - Spring 2024

The "usrprf" subfield of the "defaults" data structure is initialized to the current user profile It cannot be changed any further by any RPG statements

```
DCL-DS defaults QUALIFIED CONST;
  usrprf CHAR(10) INZ(*USER);
  branch VARCHAR(50) INZ('Main');
END-DS;
```

The "startTimestamp" field is initialized to the current timestamp when the procedure starts. It cannot be changed any further by any RPG statements

```
DCL-S startTimestamp TIMESTAMP INZ(*SYS) CONST;
```

IBM i Conversion

IBM i Product Management

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Dan Sundt - <u>dansundt@us.ibm.com</u>

Linda Hirsch - <u>llhirsch@us.ibm.com</u>





Announcement April 2: Conversion Pricing



IBM i Licensing Options as of May 7, 2024

Effective May 7, 2024, clients who acquire new specific IBM Power10 processor-based servers at IBM i P05 and P10 software tiers will have the following IBM i Licensing options:

- Acquire or renew IBM i Subscription Term licenses, or
- Convert IBM i non-expiring licenses to IBM i Subscription Term license at a lower-priced
 subscription term option.

April 2 prices announced

- Active SWMA on the donor is required.
- Transfer of IBM i non-expiring licenses is not supported.
- Conversion pricing applies for 3-year, 4-year, 5-year Subscription Terms.

The specific IBM Power10 processor-based servers at IBM i P05 and P10 software are:

- IBM Power S1014 (9105-41B) 4-core processor (P05 software tier)
- IBM Power S1014 (9105-41B) 8-core processor (P10 software tier)
- IBM Power S1022 (9105-22A) (P10 software tier)
- IBM Power S1022s (9105-22B) (P10 software tier

April 2, 2024 announcement: Conversion pricing is announced

P05 Subscription & Conversion Updates



- Offer a one-time Unlimited Users conversion offering to deliver investment protection for clients
 - Conversion pricing applies when acquiring 3, 4, or 5 year terms
- Offering updates:
 - Simplified user options to 10 User packs (from 5 User packs previously)
 - Lowered the Unlimited Users price to align with 50 users from 75 users
 - Clients purchasing P05 Unlimited Users will realize 10-40% savings
- Clients buying new subscriptions will see lower prices on 3-year subscription purchase.
 - Active SWMA on the donor is required.
- Conversion offering results in only a 14% price increase (\$1438) for 3 years; 36% increase (\$5280) for 5-year purchase

Feature	Non-Expiring	Subscription	Conversion 3/4/5 years
IBM i OS processor license per core	\$3,315	\$2,356	No change in price
Users	(5 users) \$1,590	(10 users) \$800	No change in price
Unlimited Users	\$23,850	\$4,000 (price effective May 7*)	\$1,600

Notes:

• USD list prices shown

*IBM's plans can change without notice.

P10 Subscription & Conversion Updates



- •Offer a one-time conversion offering to deliver investment protection for clients
 - •Conversion applies when acquiring 3, 4, or 5 year terms
- Offering Updates:
 - Conversion offering delivers core pricing of \$7140
 - •10 user price of \$100
 - Unlimited Users at \$2000
- •Conversion provides customers with significant investment protection compared to subscription
- •Clients buying new subscriptions will see lower prices on 3-year subscription purchase.
 - •Active SWMA on the donor is required.

Feature	Non-Expiring	Subscription	Conversion 3/4/5 years
IBM i OS processor license per core	\$15,895	\$8,925	\$7,140
Users (blocks of 10)	\$3,180	\$800	\$100
Unlimited Users	\$63,600	\$16,000	\$2,000

Notes:

• USD list prices shown

IBM i Transformation FAQ

Refer to <u>IBM i Transformation FAQ</u> (on <u>IBM i License Topics</u>): this document will continually be updated.

Changes to any policies or plans will be announced in an IBM announcement letter and then updated in the <u>IBM i Transformation FAQ</u>.

Pricing Announcements



- Announce April 2, 2024, Worldwide: IBM i Subscription conversion pricing
 - o Effective date: April 2
- Announce April 2, 2024, for Europe: decrease prices for IBM i Subscription
 - o Effective date: April 9

IBM Power S1012 (9028-21B)

Daniel Goldener - <u>Daniel.Goldener@ibm.com</u> Product Manager, IBM Power Scale-Out Servers

Douglas Gibbs - <u>douglasg@ca.ibm.com</u>
IBM i Product Manger, Program Director





New IBM Power S1012 System

- New base system design to explore an alternate approach toward both existing and new use cases.
- It is a one-socket, 2U height, half-rack width, equipped with a 1, 4, or 8-core eSCM module, up to 256GB of memory, up to 6.4TB internal storage, 4 PCIe slots, and optional RDX.
- It is offered in two form factors:
 - A rack-mounted option utilizing a bare-metal sliding drawer.
 - A deskside-mounted option that is 54% smaller than S1014.
- 3-year warranty systems with available value-added support services through Power Expert Care offerings.
- Dual system density enables advanced remote management and/or HA capabilities

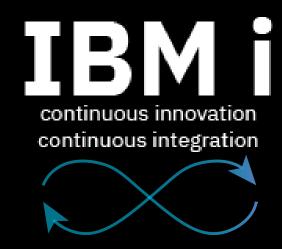


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Withdrawals

Douglas Gibbs - <u>douglasg@ca.ibm.com</u> IBM i Product Manger, Program Director

Linda Hirsch - llhirsch@us.ibm.com
IBM i Product Manger, IBM i Licensing/Terms and Conditions





Withdrawals



Announce May 7
Effective EOS April 30, 2025 (with the exception of Merlin V1)

Merlin V1 – effective EOS 9/30/2024

Rational Developer for i V9.6

IBM i components - primarily outdated technology. Withdraw from Service for 7.5 and earlier releases:

- Bootstrap Protocol (BOOTP) server
- Native Dynamic Host Configuration Protocol (DHCP) server
- Remote Authentication Dial In User Service (RADIUS)
- Domain Name System (DNS) Serve
- Route Daemon (RouteD)
- Virtual Private Network (VPN) protocol Internet Key Exchange version 1 (IKEv1)
- IP Payload Compression Protocol (IPCOMP)
- Quality of Service (QoS) Server
- FRCA (Fast Response Cache Accelerator) for HTTP Server
- Performance Tools outdated functions: Performance Graphics and Performance Advisor
- Graphical Data Display Manager (GDDM)
- OptiConnect

Upcoming Events







COMMON Annual Conference – POWERUp2024

Fort Worth, Texas

May 20-23

IBM i Education



COMMON Europe



June 03-06 Milano, Italy IBM i, AIX and Hardware tracks

Many IBM and industry speakers will be there



Upcoming Events - 2024

Events	Venue	Dates
COMMON PowerUp 2024	Fort Worth, TX	May 20-23
COMMON Europe	Milano, Italy	June 3-6
COMMON Navigate 2024	Bonita Springs, FL	Sept 16-18
IBM TechXchange	Las Vegas, NV	October 21-24
COMMON Navigate 2024	Toronto, Canada	November 4 - 6



IBM i Resources

IBM i Team







WEBINAR

2024 IBM i Marketplace Survey Results Revealed

Wednesday, January 24, 2024 9:00am CST

REGISTER NOW



https://www.fortra.com/resources/guides/ibm-i-marketplace-survey-results
https://www.fortra.com/resources/videos/2024-ibm-i-marketplace-survey-results-revealed



For more information

IBM Sites:

IBM i Home Page	https://www.ibm.com/it-infrastructure/power/os/ibm-i
IBM Strategy Whitepaper	https://www.ibm.com/it-infrastructure/us-en/resources/power/i-strategy-roadmap/
IBM Client Success	https://www.ibm.com/it-infrastructure/us-en/resources/power/ibm-i-customer-stories/
Support Life Cycle	https://www.ibm.com/support/lifecycle/
License Topics	https://www-01.ibm.com/support/docview.wss?uid=nas8N1022087
IBM i Release Life Cycle	https://www.ibm.com/support/pages/release-life-cycle
IBM i TR Wikis	IBM i Technology Updates



For more information

Events:

IBM i Guided Tours registration	https://ibm.webex.com/webappng/sites/ibm/webinar/webinarSeries/register/b5896475d 7f74f5fbbb1f270b42916b9
IBM i Guided Tours 2023 box	https://ibm.box.com/v/IBM-i-Guided-Tours-2023-REPLAY
IBM TechXchange Conference	https://www.ibm.com/community/ibm-techxchange-conference/
COMMON North America PowerUP 2024	https://www.common.org/powerup2024/home
COMMON Europe Congress (CEC) 2024	https://comeur.org/common-europe-congress-2024-2/



For more information

Marketplace:

Forrester TEI Study	https://www.ibm.com/downloads/cas/1ZLRK39P
Steve Will's blog	https://techchannel.com/SMB/you-and-i-blog
Forta 2024 Marketplace Survey	https://www.fortra.com/resources/guides/ibm-i-marketplace-survey-results
IBM iSee Video Blog	https://learn.common.org/products/ibm-isee-video-blog



For more information:

Blogs to follow

- <u>TechChannel You and i</u> (Steve Will)
- <u>TechChanneli-Can</u>
 (Dawn May)
- <u>TechChannel: iTalk with</u> <u>Tuohy</u>
- <u>TechChannel: OpenYour</u> i with Jesse Gorzinski
- IBM Db2 for i (Kent Milligian)
- IBM i Analyitics Blog (Jon Westcott Jr)
- <u>iSee with Scott and Tim</u>

More to follow

@IBMservers @COMMONug @IBMChampions @IBMSystemsISVs @LinuxIBMMag @OpenPOWERorg @ITJungleNews @SAPonIBMi @SiDforIBMi @IBMAIXeSupp @IBMAIXdoc

Hashtags to Use

#IBMPower
#IBMi
#IBMAIX
#Power10
#LinuxonPower
#HANAonPower
#ITinfrastructure
#OpenSource
#HybridCloud

IBM i License Topics



Check IBM i License Topics first for IBM i offering and licensing questions:

https://www.ibm.com/support/pages/ibm-i-license-topics

IBM i Processor and User Transfer

IBM i will enable the transfer of IBM i processor and user (when applicable) entitlements from one machine to another within th

IBM i Processor and User Transfer Guide GI11-9824-23 (386 KB) - Updated July 2022

IBM i License Transfer Configuration and FAQ (5 MB) - December 2015

Power Software Migration Policy

Side-by-side Software Migration Policy for IBM Power Software (240 KB)

IBM i Portfolio Simplification

October 10, 2023: IBM continues to simplify the IBM i portfolio.

IBM i Portfolio Simplification (140 KB) - Updated November 15, 2023

IBM Db2 Web Query for i Update

October 10, 2023: IBM withdraws IBM Db2 Web Query for i from marketing.

IBM Db2 Web Query for i Frequently Asked Questions (140 KB) - Updated November 30, 2023

IBM i Modernization Engine for Lifecycle Integration (IBM i Merlin)

IBM offers a set of containerized applications that will act as a set of guides, or patterns, to help IBM i software developers more Merlin tools will make it easier for clients to use a combination of on-premises IT infrastructure and one or more clouds.

