IBM i Systems Management Interfaces
Green Screen

We’re not going to spend much time on the *old-fashioned* stuff....
System i Navigator

We're also not going to spend time on the *middle-aged* stuff….

- Also known as ....
  - iSeries Navigator
  - Operations Navigator

- Windows client application
- Part of the iAccess for Windows product

- 7.1 is the **last** release
  - No enhancements

- Collection Services
- Management Central Monitors
  - Real-time monitoring
- Graph history
  - Observe performance metrics over time
- Database tools
7.1 is the final release of System i Navigator. It is not refreshed for 7.2.
Keeping Current – **Navigator PTFs**

- Major enhancements have been made to *Navigator for i* and the *Performance Tasks*

  - IBM i 7.2 - install the latest level of:
    - HTTP Server group - SF99713
    - Java group - SF99716
    - Database group - SF99702
    - Performance Tools group - SF99714

  - For 7.1 - install the latest level of:
    - HTTP Server group PTF SF99368
    - Java group PTF SF99572
    - Database group PTF SF99701
    - Performance Tools group PTF SF99145

**Navigator Enhancements** were taken back 7.1 in December 2014

December 2015 Service Pack is the latest
How do I learn about all the new stuff??

- Technology Refreshes
- Add function PTFs
- New release

and there’s all that old stuff too...
Knowledge Center

IBM i documentation is found under IBM Operating Systems
Performance is now a major topic - no longer under Systems Management

Navigator is under Connecting to your system
IBM i developerWorks

- IBM i developerWorks is the web site to go to find out about
  - Latest function delivered via Technology Refreshes
  - Enhancements delivered via PTFs

IBM i operating system (OS) levels and related software products are frequently enhanced via PTFs. Prior to the existence of this wiki, IBM did not provide a single point for clients to learn about all IBM i enhancements.

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You and i
http://www.ibmsystemsmag.com/Blogs/You-and-i/

i Can
http://www.ibmsystemsmag.com/Blogs/i-Can/

Mr. Modern-i-ization Rowe
https://www.systemideveloper.com/blogs/?q=blog/6

DB2 for i
http://db2fori.blogspot.com/
IBM i 7.1 Technical Overview with Technology Refresh Updates

Covers the 7.1 content through Technology Refresh 7

Chapter 6 – Performance Tools

Chapter 17, Section 6 – Performance in Navigator for i

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IBM i 7.2 Technical Overview with Technology Refresh Updates

Covers the 7.2 content through Technology Refresh 1

Section 2.8 – Performance

Section 8.6.7 – Job level SQL stats in Collection Services
Navigator for i

Dawn May – dmmay@us.ibm.com
@DawnMayiCan
IBM Navigator for i

- Web application
- Included with IBM i 6.1 and later
- Monitors
- Performance tasks:
  - Performance Data Investigator
  - Health indicators
  - Collection Services
  - Database
  - Job Watcher
  - Disk Watcher
  - Performance Explorer
  - Collection Manager
  - All performance tasks
  - Sizing

[Image: IBM Navigator for i interface with login and navigation options]

http://systemname:2001
IBM Navigator for i

- IBM Navigator for i is the Web console for managing IBM i
  - Has much of the function as System i Navigator
    - but with a browser user interface

- Simply point your browser to http://systemname:2001
IBM Navigator for i: What is new?

- Performance and usability
  - New browsers
  - My Favorites
  - Quick Search
- PTF management
  - Installed PTF navigation
  - Load/apply PTF on single or group systems
- Message queue monitor
  - Filter messages based on rules
  - Trigger action to handle messages automatically
- System monitor
  - User-defined IBM i OS metrics monitor
  - Graphical displays of performance trend
  - User-defined event automation
- Database
  - Create new function and procedure
  - DB performance metrics
Browser Support

• Supported Browsers for the latest Navigator enhancements:
  – Internet Explorer 9
  – FireFox 20 ESR or newer
  – Google Chrome 25 or higher

• Unexpected results could be browser related. Example problems are….
  – Hung charts
  – Empty tables

• Clear your browser cache after installing the PTFs
• Review your browser security settings

• For details see browser tips
Tips for Best Performance for Navigator (and the Performance tasks)

• Good system tuning practices are essential
  – CPU
  – Memory
  – Disk

• PDI makes extensive use of SQL to gather data for charts and tables
• Navigator tasks run in the ADMIN2 job in the QHTTPSVR subsystem

• Ensure no bad DNS entries on the system

• Use Application Runtime Expert to validate your environment
  – Network health checker can be run from QShell:

  /QIBM/ProdData/OS/OSGi/templates/bin/areVerify.sh –network

• Use the Web Performance Advisor to validate your Web Performance
Usability Enhancements

• **Search** tasks by keywords and CL commands

• Bookmark your **favorite** tasks

• Go to deep IFS path **directly**

• Navigation **performance** improvement

• **Simplified** Tab-based management
Search

Search for Navigator tasks by *things* you know

*Find tasks without having to know how to navigate to them*
Favorites

Throughout Navigator, you can save favorites

- Including favorite Performance Data Investigator perspectives
- Save the path to a file in the IFS
IBM Navigator for i - Reenergized

- Independent Tabs
  - Switch back and forth quickly
  - Open tab in a new window

- Dynamic Navigation
  - Navigation how it should be
  - Open containers quickly

- Modern Tables
  - Search & filter large data
  - Function you expect
IBM Navigator for i – Independent Tabs

- Switch back and forth between tabs with no server refresh
- Open a tab in a new window
IBM i Navigator for i – Dynamic Navigation

- Navigate to the function you want
- Open containers to find dynamic content
- Refresh dynamic contents

Work with Active Subsystem

‘Refresh’ a group

Access the function you need for Database

Navigate IFS quickly & easily
IBM Navigator for i – Modern Tables

- Click column to sort
- Right Click on any row to see list of functions
- Hover on any row to see details
- Select how many entries to show
- Fast path to the page you want to see
- Fast Filtering – Rethink how you find data in a table
Update expired passwords from the Navigator Signon
Target Systems

Set up remote systems you want to work with
- Supports system at 5.4, 6.1, 7.1, and 7.2
- First “Add Target System”
- The “Set as Target System” to manage that target
Why Target Systems?

• Allows for a client server relationship
• Run Navigator on one system, manage any other system in your network
• Means you DON’T need to run the Navigator web server on your production machine

```
Navigator System (ADMIN2)

Set target system

Production A

Production B

QA
```
IBM Navigator for i
Performance Tasks

 IBM i Performance tools allows you to collect and investigate performance data.

- Investigate Data
  Performance Data Investigator allows you to investigate previously collected performance data on your system.

- Manage Collections
  Collection Manager allows you to view and work with the performance data on your system.
CPU Utilization and Waits Overview

Collection:
- Name(s): CS228229ND
- Library: COMMON
- Type: Collection Services File Based Collection
- File level: 28

Time:
- Start: Feb 28, 2008 12:00:02 AM
- End: Feb 29, 2008 12:00:00 AM

System:
- Name: RCHASTND
- Release: V6R1M0

Graph:
- Dispatched CPU Time
- Journaling Time
- Ineligible Waits Time
- CPU Queuing Time
- Operating System Contention Time
- Disk Time
- Lock Contention Time
- Partition CPU Utilization
Health Indicators

Database Health Indicators are new in 7.2
Performance Data Reports

"Executive” Reports

- Create a group of printed or online graphs of performance perspectives
- Generate a PDF or zip file containing the requested graphs for the collection
- Use for weekly reports

Create Performance Data Report

Start with Report Definitions
Performance data report definition:
Demo Report

Report title:
Example Report based upon COMMON performance collection

Perspectives included in report:
CPU Utilization and Waits Overview
Page Faults Overview
Synchronous Disk I/O Overview

Library/Collection used for report:
Common/Cs228229nd
7.2 System Status - Temporary Storage Details

- **System Status – Disk space tab**
  - *Button to display the temporary storage buckets*
Temporary Storage Details – *initial view*

<table>
<thead>
<tr>
<th>Bucket Number</th>
<th>Global Bucket Name</th>
<th>Job Name</th>
<th>Job User Name</th>
<th>Job Number</th>
<th>Bucket Current Size</th>
<th>Bucket Limit Size</th>
<th>Bucket Peak Size</th>
<th>Job Status</th>
<th>Job Ended Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><em>MACHINE</em></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>951,070,720</td>
<td></td>
<td>1,070,063,616</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td><em>PASE</em></td>
<td>-</td>
<td>-</td>
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<td></td>
<td>92,762,112</td>
<td>-</td>
<td>-</td>
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<tr>
<td>4</td>
<td><em>NTRACK User</em></td>
<td>-</td>
<td>-</td>
<td></td>
<td>978,944</td>
<td></td>
<td>978,944</td>
<td>-</td>
<td>-</td>
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<tr>
<td>5</td>
<td><em>NTRACK System</em></td>
<td>-</td>
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<td></td>
<td>80,416,768</td>
<td></td>
<td>80,789,504</td>
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<tr>
<td>6</td>
<td><em>IFS VNODE</em></td>
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<td>-</td>
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<td>11,624,448</td>
<td></td>
<td>11,624,448</td>
<td>-</td>
<td>-</td>
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<tr>
<td>7</td>
<td><em>IFS File System Buffer</em></td>
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<td>-</td>
<td></td>
<td>6,676,480</td>
<td></td>
<td>6,676,480</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>8</td>
<td><em>DATABASE Segment Cac</em></td>
<td>-</td>
<td>-</td>
<td></td>
<td>607,485,952</td>
<td></td>
<td>788,979,712</td>
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<td>-</td>
</tr>
<tr>
<td>9</td>
<td><em>DATABASE SQE Heap</em></td>
<td>-</td>
<td>-</td>
<td></td>
<td>5,570,887,680</td>
<td></td>
<td>6,704,525,312</td>
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<tr>
<td>11</td>
<td><em>DATABASE DS SQE LOB</em></td>
<td>-</td>
<td>-</td>
<td></td>
<td>16,384</td>
<td></td>
<td>20,480</td>
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<tr>
<td>12</td>
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<td>73,728</td>
<td></td>
<td>8,437,760</td>
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<td>14</td>
<td><em>DATABASE DSI SQE MTI</em></td>
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<td>-</td>
<td></td>
<td>1,277,952</td>
<td></td>
<td>6,062,080</td>
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<td>-</td>
</tr>
</tbody>
</table>

1 - 100 of 242 items
Temporary Storage Details

- Sorted on **Bucket Current Size** column

<table>
<thead>
<tr>
<th>Bucket Number</th>
<th>Global Bucket Name</th>
<th>Job Name</th>
<th>Job User Name</th>
<th>Job Number</th>
<th>Bucket Current Size</th>
<th>Bucket Limit Size</th>
<th>Bucket Peak Size</th>
<th>Job Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>*DATABASE SQE Heap</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>5,200,130,048</td>
<td>6,978,285,568</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>65711</td>
<td>QYPSPFRCOL</td>
<td>QSYS</td>
<td>228,982</td>
<td>-</td>
<td>3,188,359,168</td>
<td>3,188,383,744</td>
<td>*ACTIVE</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>*DATABASE DSI SQE MTI</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,847,902,208</td>
<td>3,544,465,408</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>*MACHINE</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,534,607,360</td>
<td>1,744,994,304</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>*DATABASE Segment Cache</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,208,344,576</td>
<td>1,448,259,584</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>66545</td>
<td>ADMIN2</td>
<td>QLWISVR</td>
<td>231,452</td>
<td>-</td>
<td>712,462,336</td>
<td>877,588,480</td>
<td>*ACTIVE</td>
<td></td>
</tr>
<tr>
<td>66539</td>
<td>ADMIN4</td>
<td>QWEBADMIN</td>
<td>230,871</td>
<td>-</td>
<td>204,214,272</td>
<td>204,214,272</td>
<td>*ACTIVE</td>
<td></td>
</tr>
<tr>
<td>65772</td>
<td>ADMIN1</td>
<td>QLWISVR</td>
<td>230,869</td>
<td>-</td>
<td>191,451,136</td>
<td>191,451,136</td>
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<td></td>
</tr>
<tr>
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<td>QLWISVR</td>
<td>231,045</td>
<td>-</td>
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<td>169,570,304</td>
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<tr>
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<td>TEST</td>
<td>QDIRSRV</td>
<td>229,088</td>
<td>-</td>
<td>160,194,560</td>
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<td></td>
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<tr>
<td>65819</td>
<td>QUSRDIR</td>
<td>QDIRSRV</td>
<td>229,089</td>
<td>-</td>
<td>159,232,000</td>
<td>159,510,528</td>
<td>*ACTIVE</td>
<td></td>
</tr>
<tr>
<td>65622</td>
<td>QTCPWRK</td>
<td>QSYS</td>
<td>228,897</td>
<td>-</td>
<td>151,506,944</td>
<td>151,560,192</td>
<td>*ACTIVE</td>
<td></td>
</tr>
</tbody>
</table>
Performance Data Investigator

Storage Allocation Perspectives

Selection

Name
Temporary Storage Allocation Accounting

Description
This chart shows the amount of temporary storage charged to active and ended jobs, the amount of user temporary storage, and the amount of temporary storage used for database and non database operations by the IBM i operating system across the system over time for the selected collections. Use this chart to select a time frame for further detailed investigation.

View List
Temporary Storage Allocation Accounting and SQL Statements
Temporary Storage Allocation Accounting and Disk Average Response

Temporary Storage Allocation Accounting
Temporary Storage Allocation/Deallocation Overview
Temporary Storage Allocation/Deallocation by Job or Task
Temporary Storage Allocation/Deallocation by Thread or Task
Temporary Storage Allocation/Deallocation by Generic Job or Task
Temporary Storage Allocation/Deallocation by Job User Profile
Temporary Storage Allocation/Deallocation by Job Current User Profile
Temporary Storage Allocation/Deallocation by Subsystem
Temporary Storage Allocation/Deallocation by Server Type
Temporary Storage Allocation/Deallocation Overview

Generally, allocations and deallocations following a similar pattern
Drill-downs for more detail
7.2 Enhancements - New Security Features

- Enterprise Identity Manager Enablement
- Support Kerberos, for single sign on (SSO)
- Support Internet Key Exchange (IKEv2) for VPN
- Support Transport Layer Security (TLS) version 1.2
- Security Wizard - Configure system security settings from a high level view.
  - Examine current security policy
  - Save user report so user can configure current system at a later date
  - Print a report that includes the recommended system value settings for user system with the implications of such settings
Security wizard

- Security -> all tasks -> configure
Enterprise identity mapping (EIM)

- Security -> All tasks -> Enterprise Identify Mapping -> Configuration
7.2 Enhancements - New Network Features

- Support DNS Security
- Support IPv6
- VLAN ID support for Interface/Route/PPP Profile configuration
- Dead Gateway & VIPA support
- ISC DHCP Server configuration support
- New SMTP Server Type support
7.2 Enhancements - OmniFind Support

- Search for different types of documents that are stored in either a database column or in a supported IBM i object …

- www.ibm.com/developerworks/ibmi/techupdates/db2/omf
Navigator for i - Support for PTFs

- Configuration and Service
  - System Values
  - Time Management
  - Disk Units
  - Disk Pools
  - Partitions
  - Create Partition

- Software
- Program Temporary Fixes
  - PTFs
    - 5770999
    - 5770SS1
    - 5700NT1
    - 57221P1
    - 57240C04
    - 5724J23
    - 5733ARE
    - 5733B45
    - 5733CY3
    - 5733LD9
    - 5733LEI
    - 5733OMF
    - 5733QU2

- 5770SS1
  - All options
  - (Option Base, V7R2M0) IBM i
  - (Option 1, V7R2M0) Extended Base Support
  - (Option 2, V7R2M0) Online Information
  - (Option 3, V7R2M0) Extended Base Directory Support
  - (Option 5, V7R2M0) System/36 Environment
  - (Option 6, V7R2M0) System/38 Environment
  - (Option 7, V7R2M0) Example Tools Library
  - (Option 8, V7R2M0) AFP Compatibility Fonts
  - (Option 9, V7R2M0) PRV CL Compiler Support
  - (Option 12, V7R2M0) Host Servers
PTF management - Display PTFs
PTF management - Compare and update

- Compare PTFs and PTF groups on different systems
- Send and install PTFs/PTF groups to multiple systems
- Multi-system PTF comparison
PTF management – Display PTF groups
PTF management – Install PTFs

Install PTFs - Select Install Method

Install PTFs using the following method:
- PTF IDs
- Product IDs
7.2 Enhancements - Monitors

- **System Monitor**
  - Monitoring IBM i matrix
  - Custom event action (commands)

- **Message Monitor**

- **Single partition only**
Monitors with IBM Navigator for i

- Select what you want to monitor
- Set monitoring intervals
- Set thresholds
- Define actions taken when a threshold is reached
- Manage event logs

List of system monitors on the system
Metrics to monitor

Link to configure thresholds and actions

Configure Metric

CPU Utilization (Average)
Collection Interval: 15

Threshold 1
- Enable Threshold
- Trigger: >= 5 Percent
- Duration: 2 Intervals
- Operating System Command: Utilization Threshold Hit
- Reset: < 4 Percent
- Duration: 1 Intervals
- Operating System Command: I/Oon Threshold Resolved

Threshold 2
- Enable Threshold
- Trigger: >= 0 Percent
- Duration: 1 Intervals
- Operating System Command: Prompt...
System Monitor Graphs in PDI

Table data behind the chart
Monitor message queues

Create New Message Monitor - Set Monitor General Information

General
Monitor Name: DawnMayMessages
Description: Message Monitor Example

Create New Message Monitor - Set Monitor Message Queue Information

Message Queue
Message Queue to Monitor: Qsysopr
Library: Qsys

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7.2 Enhancements – Disk Management and Partition Management

- **Disk Management**
  - Understand your disk placement.
  - Manage physical disk drives, select hot spares, enable remote load source mirroring, add units, manage tapes, and more.
  - Concurrent remove of disk units in ASP or varied on IASP.
  - Remove SST password restrictions when accessing disk management function on web.
  - Trace and balance disk pools.
  - RAID 10 support on device parity.
  - End allocation on disk units.

- **Partition Management**
  - Provide graphical interface of Virtual Partition Management functions
  - Allow users to create and manage Linux or IBM i partitions.
  - Allocate memory, processor, virtual SCSI device, virtual disk, virtual Ethernet resources in one single wizard.
7.2 Enhancements - More Feature Updates

- Printer Output
  - Improvements of Exporting Spooled Files as PDF
  - Automatic and Silent Printing Support
- IFS management
  - Upload/download file
  - Copy/move/edit file
- DB2
  - View table Content
  - Journal Entry Viewer
- Set Target System Updates
  - Multiple System Group support
- Internet Configurations
  - Porting from LWI to liberty
7.2 Enhancements – Performance

• Performance Report
  Generate a report which include a group of performance graphs or tables

• Batch Model*
  A tool to help analyze and predict batch job performance on the IBM i

• System Monitor*
  Collection Services can be configured to collect system monitor data (real time data)

• More Performance Perspectives*
  Database perspectives, System Monitor perspective, Batch Model perspectives…

• Initial Display
  Customize display range for the chart and table

• System Information
  Add a system information section to show more system information for a perspective

• Show SQL error messages
  Show additional SQL error messages for perspective when there is a problem
System tab

- System status
- Operator Messages
- History Log
- Disk Status
- 5250 Emulator
- Application Admin
5250 Emulator

Welcome to the 5250 Emulator. This emulator allows you to interact with an IBM i system as if you were using a 5250 terminal.

The emulator features:
- System status
- System operator messages
- History log
- Search
- Disk status
- Run command

To use the emulator, you need to sign on with a user ID and password.

System: RCHVIKES
Subsystem: QINTER
Display: QFADEJ00001
User: tk
Password: *********
Program/procedure: 
Menu: 
Current library: 

The emulator supports various keyboard function keys and a focus indicator for easy navigation.

Enter | Attention | Refresh Screen | Page Up

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IBM Power Systems

IBM Navigator for i

IBM i Management
Target Systems and Groups
System
- System Status
- System Operator Messages
- History Log
- Search
- Disk Status
- Run Command
Emulation
- 5250
- Application Administration
All Tasks
Monitors
Basic Operations
Work Management
Configuration and Service
Network
Integrated Server Administration
Security
Users and Groups
Database
Journal Management
Performance
File Systems
- Internet Configurations
- Backup, Recovery and Media Services

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Basic Operations

IBM® Navigator for i

Welcome

IBM i Management
  • Set Target System
  • System
    □ Basic Operations
      • Messages
      • Printer Output
    ■ Printers
      • User Jobs
    ■ All Tasks
  ■ Work Management
  ■ Configuration and Service
  ■ Network
  ■ Integrated Server Administration
  ■ Security
  ■ Users and Groups
  ■ Database
  ■ Journal Management
  ■ Performance
    • Investigate Data
    • Manage Collections
    □ All Tasks

Welcome  X  System  X  Basic Operations  X

IBM i Basic Operations allows you to manage your things.

Send a Message
Allows you to send a message to other users.

Messages
Allows you to manage your messages.

Printer Output
Allows you to manage printer output.

Add a Printer
Allows you to add and configure a new printer.

Printers
Allows you to manage printers.

User Jobs
Allows you to manage your jobs.

“Your stuff”

• Messages
• Printer output
• User Jobs
Work Management

- Active Jobs
- Active Subsystem
- Active Job Queues
- Output Queues
- Active Memory Pools
Welcome Pages – Databases

IBM® Navigator for i

- Security
- Users and Groups
- Database
  - Databases
    - Lp13ut9
      - Schemas
        - QBLSYS
        - QBLSYSR
        - QDEVELOP
        - QGPL
        - SYSTOOLS
          - All Objects
          - Aliases
          - Constraints
          - Functions
          - Global Variables
          - Indexes
          - Journals
          - Receivers
          - Scripts
          - Procedures
          - Sequences
          - SQL Packages
          - Tables
          - Triggers
          - Types
          - Views
          - XML Schema
          - Repository

Welcome timmr

Welcome to IBM i Databases.

Current database: Lp13ut9  Current schema: Quasar

- Databases
  Displays a list of the databases on the system from which you can perform all database tasks.
- All Objects
  Allows you to work with all database objects for a specific database and schema.
- Tables
  Allows you to work with the database tables for a specific database and schema.
- Views
  Allows you to work with database views for a specific database and schema.
- Indexes
  Allows you to work with database indexes for a specific database and schema.
- Performance Monitors
  Allows you to monitor the performance of a specific database.
- Health Center
  Allows you to monitor the current health of a specific database.

Set Database / Schema to Hire with Database Tasks
Database tab - Basics

Work with database

Database Indexes

Database Health Center
Configuration and Service

- System values
- Disk Management
Configuration and Service tab – Basic functions

System Values

Disk Management GUI

*Disk Management GUI requires ‘SST’ user to be signed on
Configuration and Service tab – Disk Management Graphical view
Welcome Pages - Network

IBM i Network Management allows you to manage TCP/IP and internet support.

- **Create IPv4 Object**
  - Allows you to create IP version 4 objects.

- **Create IPv6 Object**
  - Allows you to create IP version 6 objects.

- **Lines**
  - Allows you to manage and configure physical lines.

- **TCP/IP Servers**
  - Allows you to manage and configure TCP/IP servers.

- **DNS Servers**
  - Allows you to manage and configure Domain Name System (DNS) servers.

- **IBM Tivoli Directory Server Web Administration Tool**
  - Allows you to administer the Tivoli Directory Server for i.

- **Enterprise Identity Mapping**
  - Allows you to manage multiple user registries across your enterprise.
Network tab – Basic functions

Create IPV4 & IPV6 interfaces

Manage TCP Servers
Welcome Pages – Users and Groups

IBM i User Management allows you to manage your users and groups.

- **Users**
  - Allows you to manage the users on your server. You can also view the list of user objects for the user.
- **Users not in a Group**
  - Allows you to manage any existing users that are not currently in a group.
- **Create User**
  - Allows you to create a new user.
- **Change User**
  - Allows you to change the properties of an existing user.
- **Groups**
  - Allows you to manage any existing groups or create new ones.
- **Create Group**
  - Allows you to create a new group.

Close
Users and Groups tab - Basics

Create and Manage User Profiles

Create and Manage Group Profiles
Welcome Pages – Journal Management

IBM I Journal Management allows you to manage your journals and journal receivers.

Current database: Lp13ut9  Current library: Quarcys

- **Journals**
  - Allows you to manage all journals.
- **Create a journal**
  - Allows you to create a new journal.

Set Database / Library to Use with Journal Tasks
Journal Management tab – Basics

• Add Remote Journal
• Delete
• Permissions
• Change Receivers
• Properties
• Journal Receivers
• Show Journal Objects
• Remote Journals
Welcome Pages - Performance

IBM i Performance tools allow you to collect and investigate performance data on your system.

- **Investigate Data**
  Performance Data Investigator allows you to investigate previously collected performance data on your system.

- **Manage Collections**
  Collection Manager allows you to view and work with the performance data on your system.
Welcome Pages – File Systems

IBM i File Systems allows you to manage the file system.

- **Integrated File System**
  Allows you to manage the file system contents, IBM i NetServer file shares, and permissions.

- **File Shares**
  Allows you to manage IBM i NetServer file shares.

- **Create File Share**
  Allows you to create an IBM i NetServer file share.
Integrated File System

Fast path to a directory

Simple Text Editor
Run SQL Scripts is a useful tool for running SQL statements and CL commands.

This task requires a system configuration. To add or change a system configuration, select System Configurations from the Management tasks.
IBM i Mobile Access

More Information:

http://www.ibm.com/systems/power/software/i/access/mobile.html

Latest Information available on this location

IBM i Access

A mobile solution for accessing IBM i is now available as a technology preview. Powered by IBM i Access for Web (5770XH2), you can now access IBM i resources from any mobile device that supports a browser.

Features include the ability to:
- view and manage jobs, messages, output queues, files, printers
- view, add, insert and update database records
- build, run, save SQL statements with an SQL wizard
- start one or more 5250 emulation sessions with the ability to reconnect even after a device
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