Working with RSE Connections
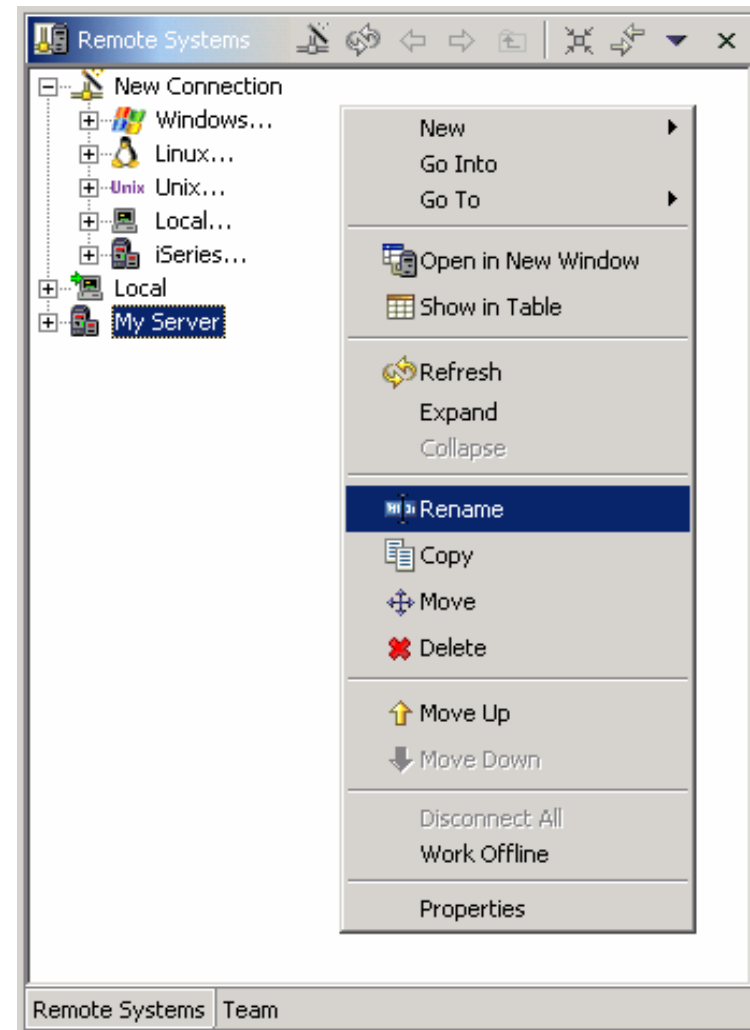
- **Remote Systems view
  manages connections**

  Create connections here
  (using wizard)

  Change, rename, copy,
 delete them here

  Expand them to work with
  resources here

IBM System i5 Tools | Remote System Explorer | © 2004 2006 IBM Corporation

iSeries Connections

- Connections expand to
  - "subsystems"
    - Named grouping of functionality

- Subsystems for iSeries connections:

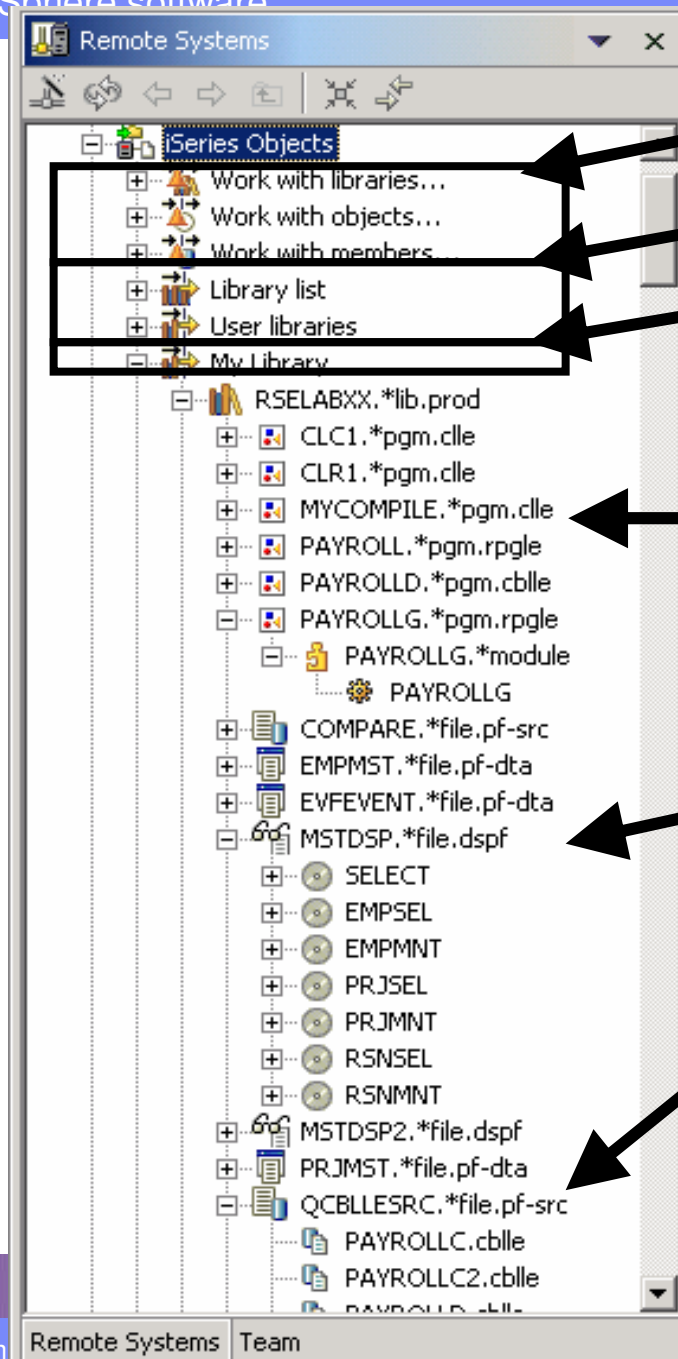**(1)** – **iSeries Objects**
  - For working with Libraries, Objects and Members

(2) – **iSeries Commands**
  - For pre-defining and running QSYS command sets

(3) – **iSeries Jobs**
  - For working with jobs

(4) – **IFS files**
  - For working with Integrated File System files and commands

1
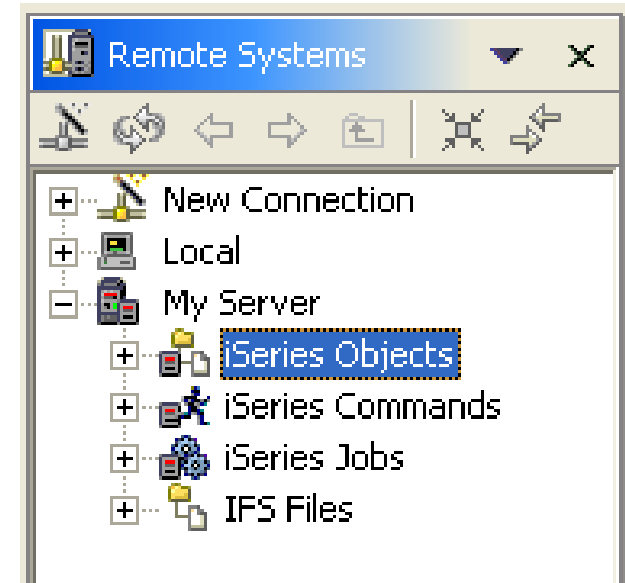
iSeries Objects

- **For drill-down or filtered access to QSYS**
  - ✓ Libraries, objects, mbrs
  - ✓ Expand lib to see objs
  - ✓ Expand file to see mbrs
  - ✓ Expand device file to see record fmts, then flds
  - ✓ Expand pgm/srvpgm to see modules, then procs
  - ✓ Expand msgf to see messages

- **Similar to PDM**

Remote Systems

iSeries Objects
  - ⊞ Work with libraries…
  - ⊞ Work with objects…
  - ⊞ Work with members…
  - ⊞ Library list
  - ⊞ User libraries
  - ⊟ My Library
    - ⊟ RSELABXX.*lib.prod
      - ⊞ CLC1.*pgm.clle
      - ⊞ CLR1.*pgm.clle
      - ⊞ MYCOMPILE.*pgm.clle
      - ⊞ PAYROLL.*pgm.rpgle
      - ⊞ PAYROLLD.*pgm.cblle
      - ⊟ PAYROLLG.*pgm.rpgle
        - ⊟ PAYROLLG.*module
          - ⚙ PAYROLLG
      - ⊞ COMPARE.*file.pf-src
      - ⊞ EMPMST.*file.pf-dta
      - ⊞ EVFEVENT.*file.pf-dta
      - ⊟ MSTDSP.*file.dspf
        - ⊞ SELECT
        - ⊞ EMPSEL
        - ⊞ EMPMNT
        - ⊞ PRJSEL
        - ⊞ PRJMNT
        - ⊞ RSNSEL
        - ⊞ RSNMNT
      - ⊞ MSTDSP2.*file.dspf
      - ⊞ PRJMST.*file.pf-dta
      - ⊟ QCBLLESRC.*file.pf-src
        - PAYROLLC.cblle
        - PAYROLLC2.cblle
        - PAYROLLD.cblle

Remote Systems | Team

Create new filters

Supplied filters

User filter

Objects within expanded library

Fields within device file

Members within expanded file

(1)

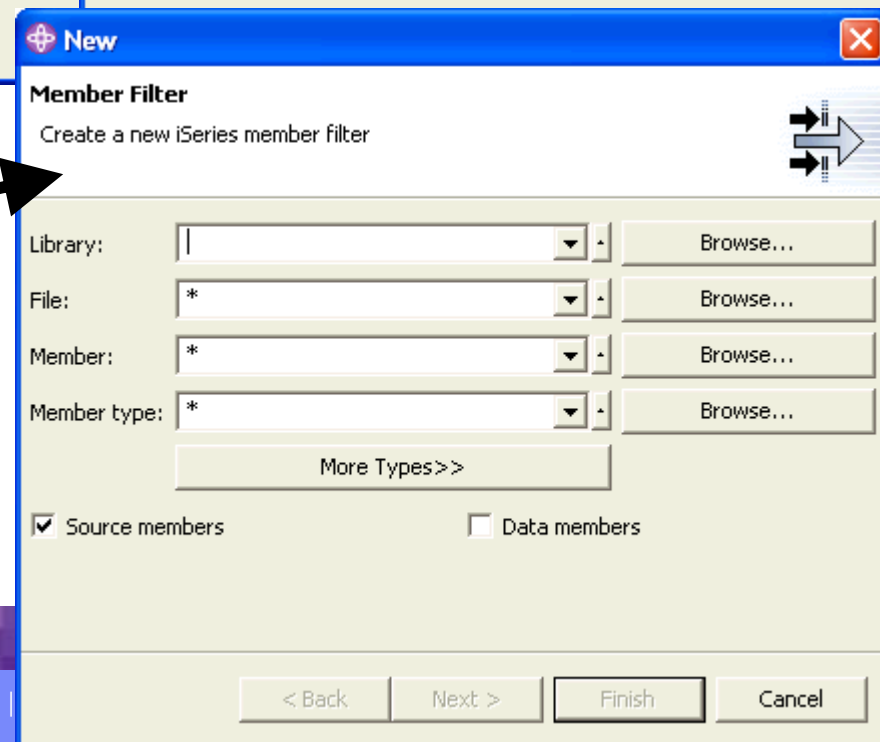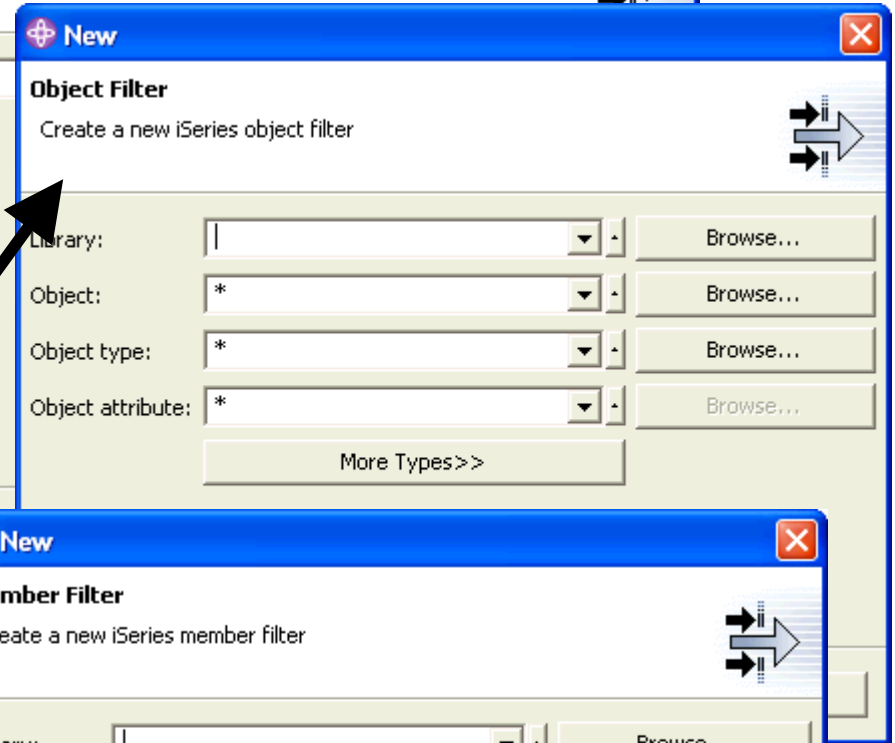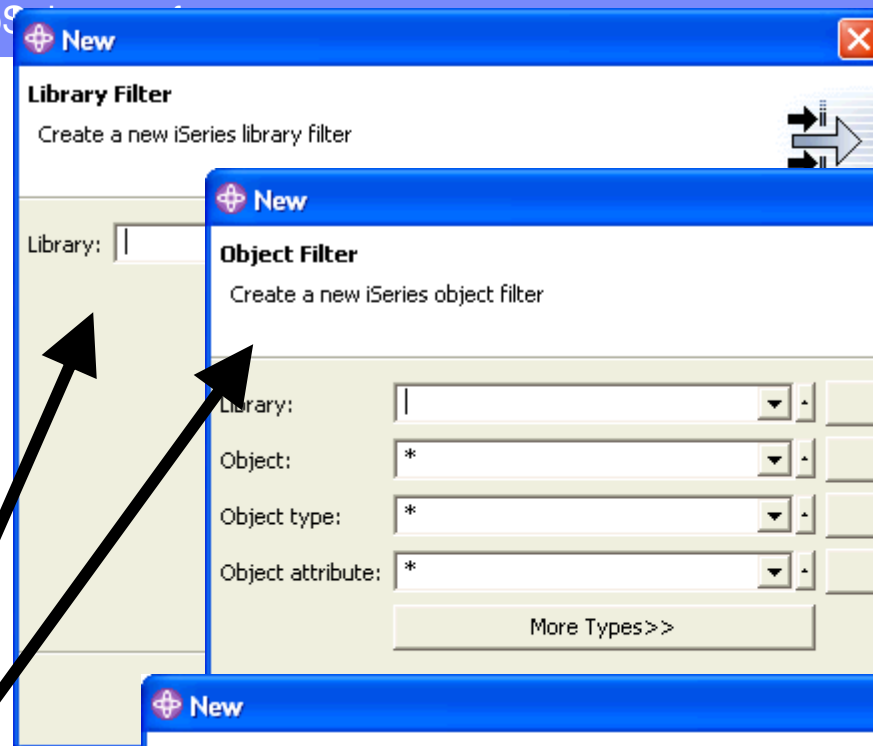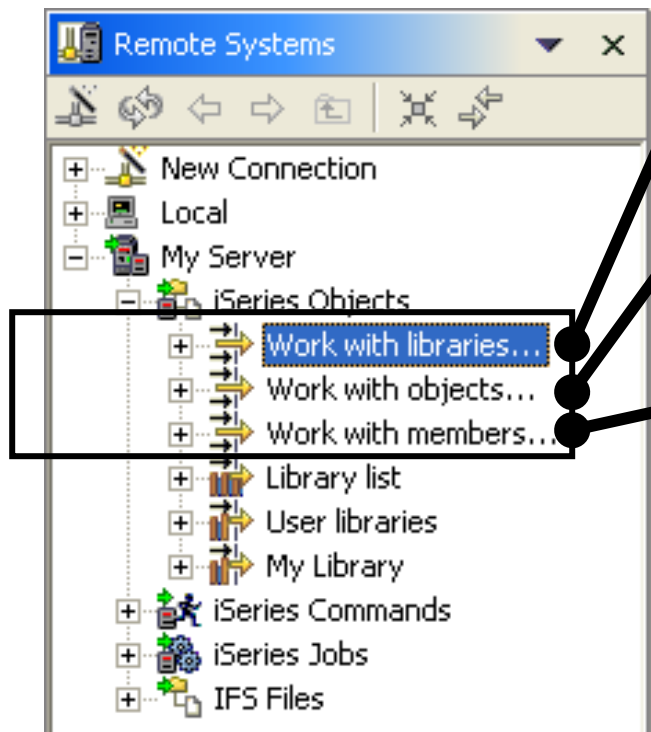# "Library list" is a pre-defined filter

- **For accessing and manipulating libl**
  - ✓ Like WRKLIBPDM with *LIBL
  - ✓ Filter actions to add to library list, change current library
  - ✓ Library actions to move within libl, remove from libl, add to libl, change curlib

Remote Systems

- Work with libraries…
- Work with objects…
- Work with members…
- Library list
- User libraries
- My Library
  - RSELABXX.*lib.prod
  - RSELAB04.*lib.prod
    - CLC1.*pgm.clle
    - CLR1.*pgm.clle
    - MYCOMPILE.*p
    - PAYROLL.*pgm
    - PAYROLLD.*pg
    - PAYROLLG.*pg
    - COMPARE.*file
    - EMPMST.*file.p
    - EVFEVENT.*file
    - MSTDSP.*file.d
    - MSTDSP2.*file.
    - PRJMST.*file.pl
    - QCBLLESRC.*fi
    - QCLSRC.*file.p
    - QCMDSRC.*file
    - QDDSSRC.*file
    - QRPGLESRC.*f
    - QRPGLESRCP.*
    - REFMST.*file.p

Go Into
Go To

Open in New Window

Refresh
Expand
Collapse

Add Library List Entry…
Change Current Library…
Change…

Rename
Copy
Move

Delete

Move Up
Move Down

Show in Table
Find String…

Properties

Remote Systems | Team

(1)

Use "Work with xxx" to create own filters

- **Like WRKxxxPDM!**

Remote Systems

- New Connection
- Local
- My Server
  - iSeries Objects
    - Work with libraries...
    - Work with objects...
    - Work with members...
    - Library list
    - User libraries
    - My Library
  - iSeries Commands
  - iSeries Jobs
  - IFS Files

New — Library Filter
Create a new iSeries library filter

Library: |

New — Object Filter
Create a new iSeries object filter

Library:				Browse...
Object:	*			Browse...
Object type:	*			Browse...
Object attribute:	*			Browse...

More Types>>

New — Member Filter
Create a new iSeries member filter

Library:				Browse...
File:	*			Browse...
Member:	*			Browse...
Member type:	*			Browse...

More Types>>

☑ Source members   ☐ Data members

< Back   Next >   Finish   Cancel

②

iSeries Commands

- **For commonly-used commands**

  ✓Create **command set** with one or more CL commands

  ✓Expand to run commands

Remote Systems

- ⊞ New Connection
- ⊞ Local
- ⊟ My Server
  - ⊞ iSeries Objects
  - ⊟ iSeries Commands
    - ⊞ Your command(s)...
    - ⊟ Add library to library list
      - Library COULTHAR added to library l
      - Change current library
      - Remove library from library list
    - ⊞ Create library
    - ⊞ Create source file
    - ⊞ Create source member
    - ⊞ Crea
    - ⊞ Set u
  - ⊞ iSeries Jo
  - ⊞ IFS Files

Remote Systems | Te

Create new command set

Supplied cmd sets

Messages resulting from running cmd

New

Command Set
Specify an iSeries command

Command:

| |▼| · |

Browse...   Prompt...

☐ Prompt when run

Specify if the command should run in the Remote System server job, be submitted to be batch, or run in an interactive job.

◉ Normal   ○ Batch   ○ Interactive

< Back   Next >   Finish   Cancel

IBM System i5 Tools | Remote System Explorer |
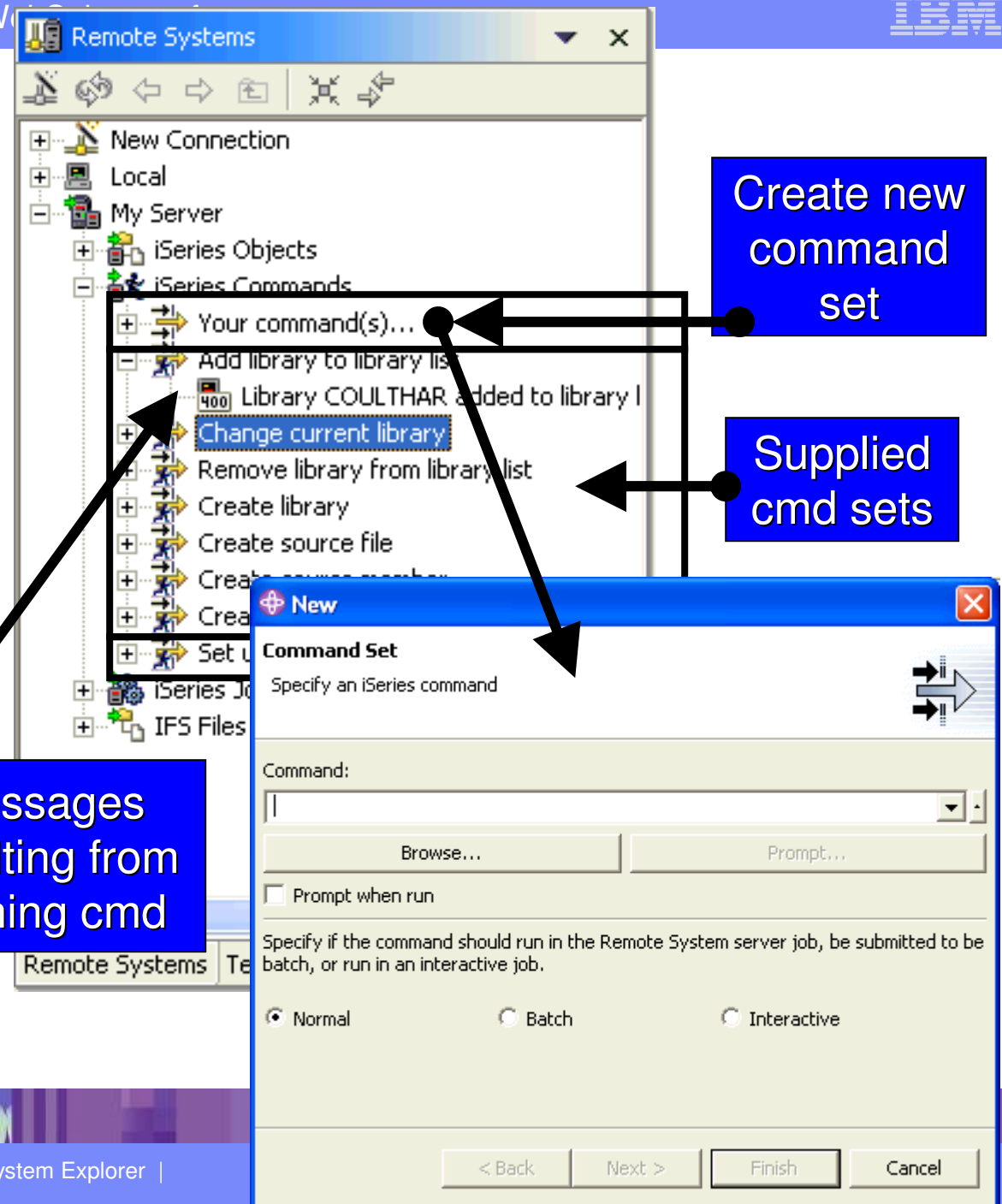
③

iSeries Jobs

- **For accessing jobs**

  ✓ Like WRKxxxJOB

  ✓ Create filters to see jobs with specific attributes (right click)

  ✓ Use predefined filters to see your own jobs

Remote Systems

- ⊞ New Connection
- ⊞ Local
- ⊟ My Server
  - ⊞ iSeries Objects
  - ⊞ iSeries Com...
  - ⊟ iSeries Jobs
    - ⊞ Active jobs
    - ⊟ My active jobs
      - ⊟ QINTER
        - 135404/IWEISS/C
      - ⊟ QUSRWRK
        - 135358/QUSER/C
    - ⊞ My jobs
    - ⊞ My host server jobs
    - ⊞ My WebFacing jobs
    - ⊞ My VisualAge RPG DDM jo
    - ⊞ My Test Jobs
  - ⊞ IFS Files

Remote Systems | Team

Supplied filters

User filter

Job actions

Go To ▶
Refresh
Expand
Collapse
End ▶
Hold
Release
Add To Job Status View
Display job log
User Actions ▶
Debug As ▶ | iSeries Job
Properties

④

IFS Files

- **For accessing folders and files**
  - ✓ Like WRKLNK
  - ✓ Create filters to see files in specific folders (right click)
  - ✓ Use predefined filters to drill down
  - ✓ Open command console (right click on IFS Files) for QShell
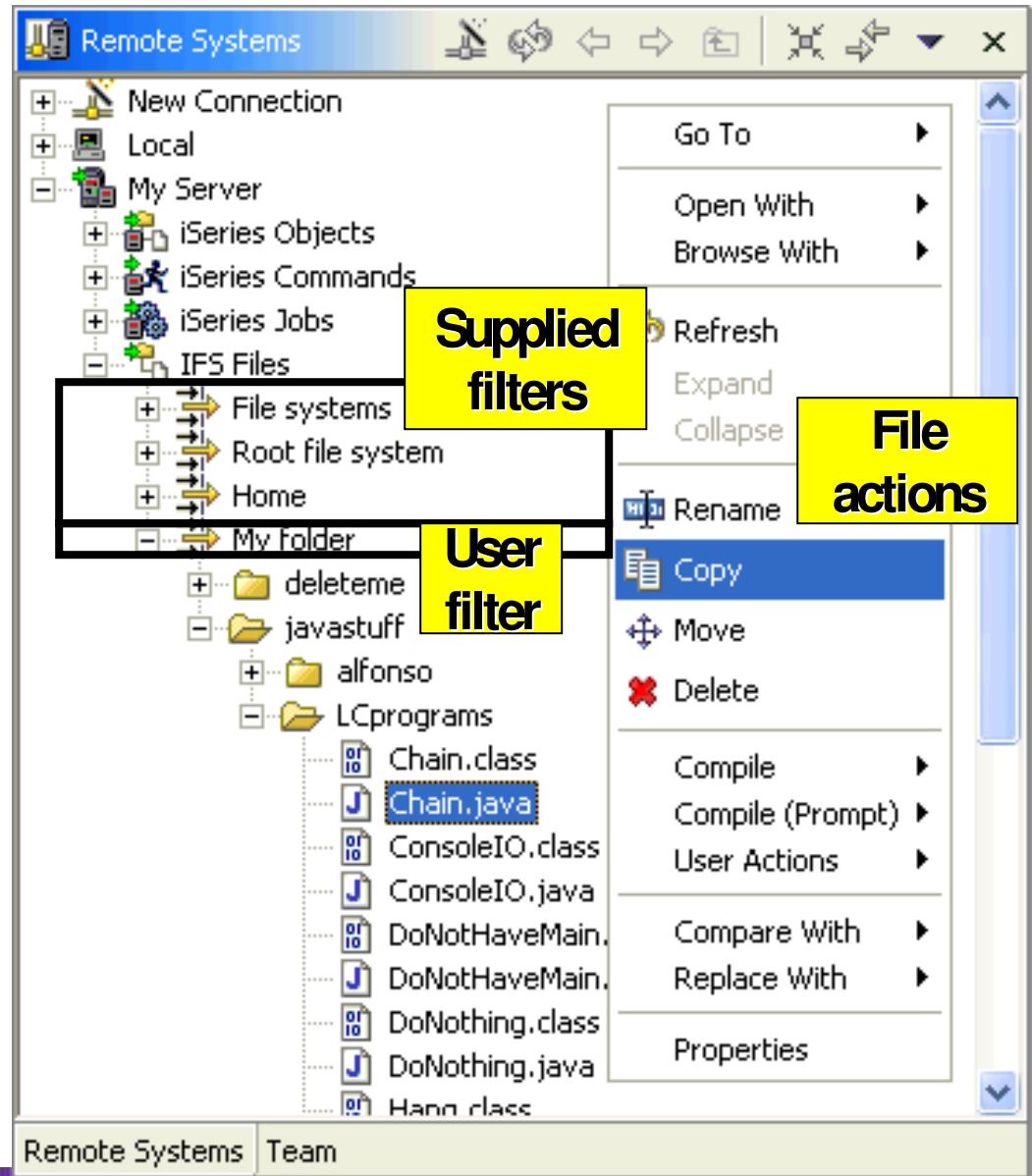
SubSystem Properties

- **Right click on any subsystem in an iSeries connection to configure it via Properties**
  - ✓ Specify compile preferences
  - ✓ Specify environment variables
  - ✓ Specify library list
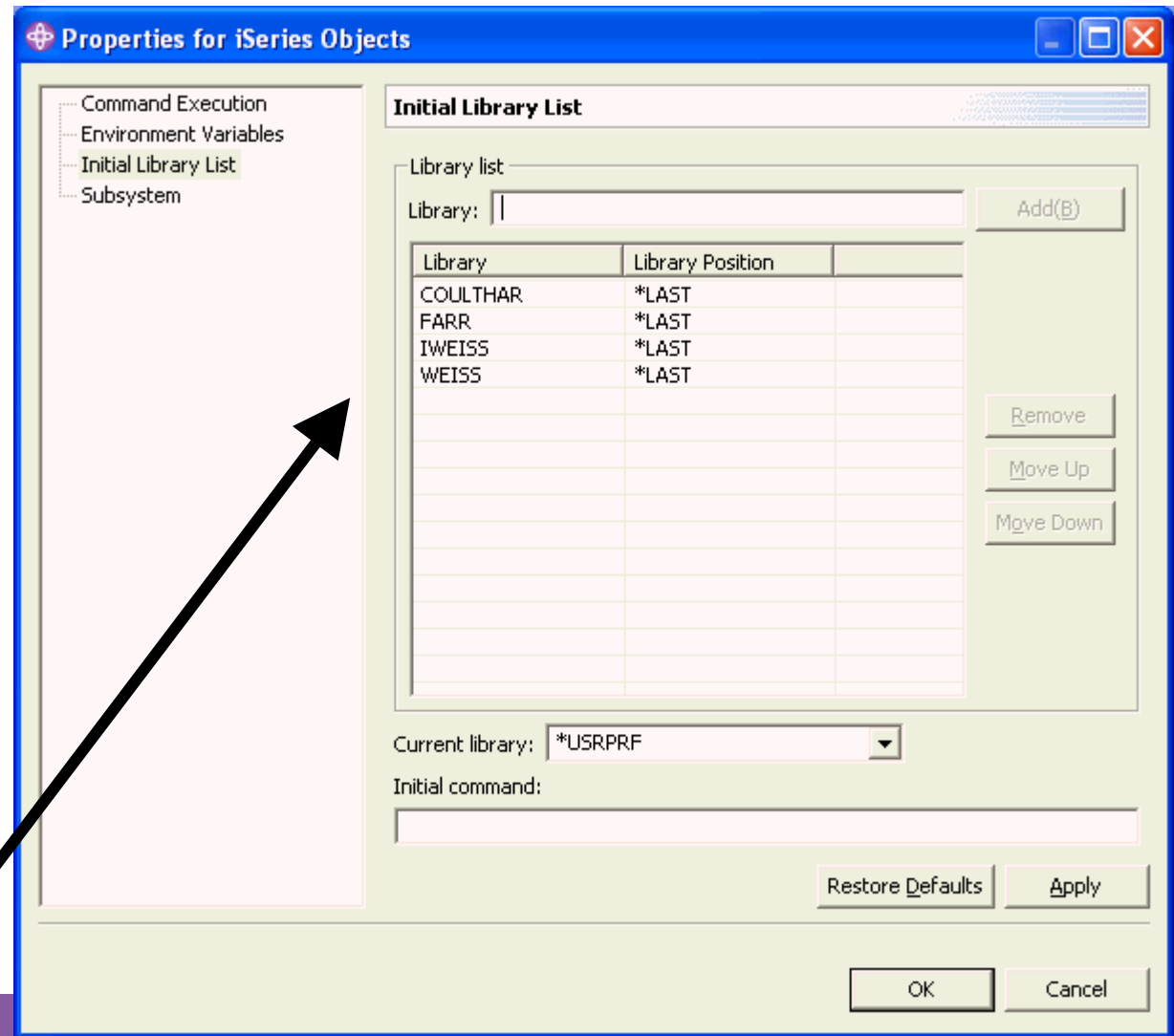
iSeries Objects

- The following focuses on using the iSeries Objects subsystem to work with artifacts in your native QSYS file system

Creating New Things

- **Right click for "new" actions**

  ✓ On library filter for new library

  ✓ On library object for new object

  ✓ On file object for new member

  ✓ On msgf object for new message
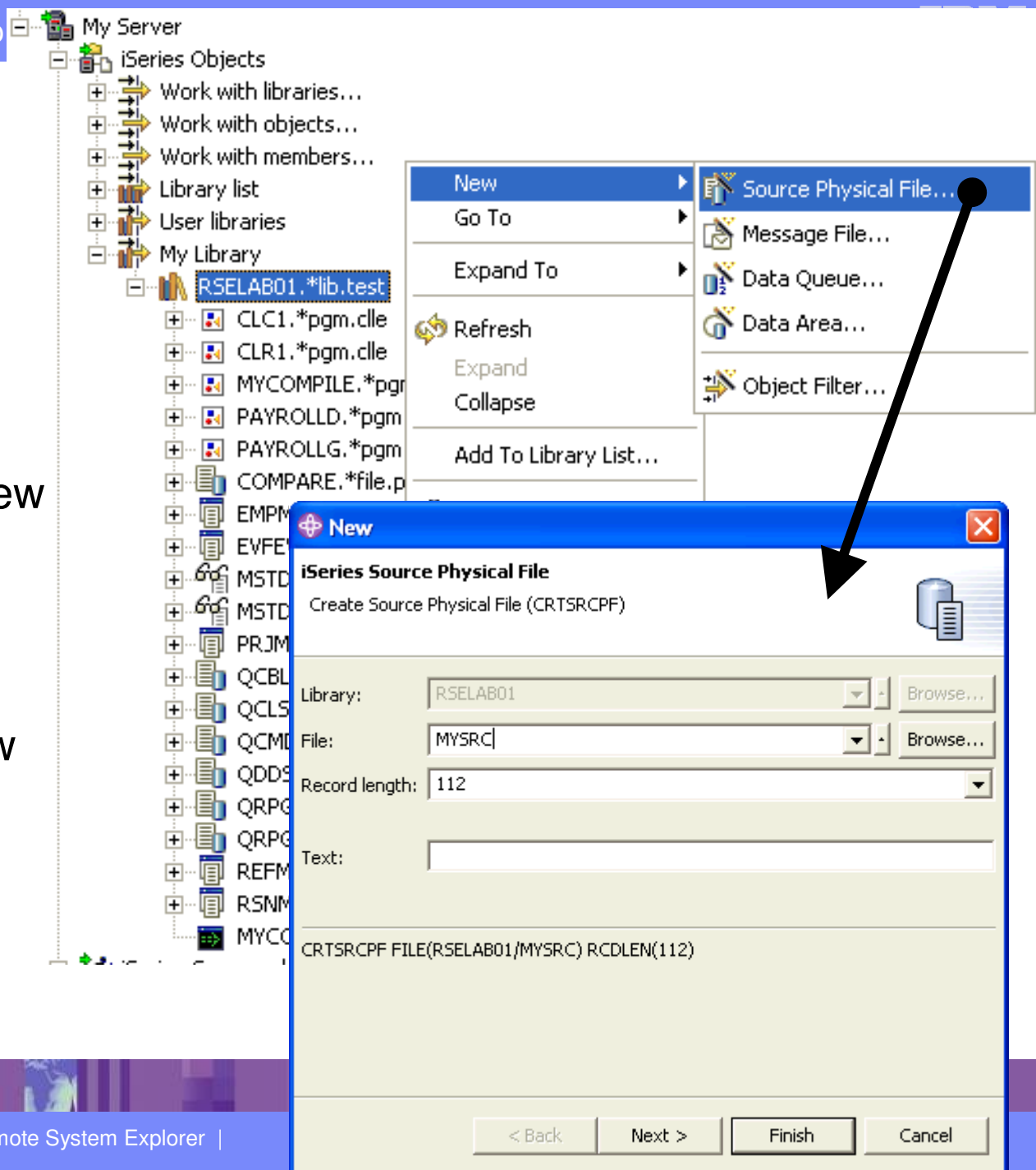
Working With Things

- **Use right click actions**

*LIB
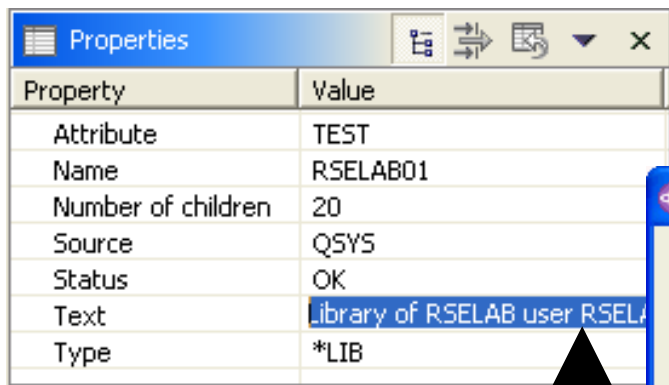
New	▶
Go To	▶
Expand To	▶
🔄 Refresh	
Expand	
Collapse	
▥ Rename	
🗐 Copy	
📋 Paste	
❌ Delete	
Add Library List Entry...	
Remove From Library List	
⬆ Move Up In Library List	
⬇ Move Down In Library List	
✛ Move Within Library List...	
▦ Show in Table	
Find String...	
Change...	
Save(B)...	
Restore...	
User Actions	▶
Create iSeries Project	
Properties(K)	

*PGM

Go To	▶
▦ Show in Table	
🔄 Refresh	
Expand	
Collapse	
▥ Rename	
🗐 Copy	
📋 Paste	
✛ Move	
❌ Delete	
Update...	
Change...	
Save...	
Restore...	
User Actions	▶
Service Entry Point	▶
Run As(B)	▶
Run(Prompt)(F)	
Debug As(J)	▶
Debug (Prompt)(K)	▶
Properties(K)	

New	▶	📄 Member...
Go To	▶	Member Filter...
🔄 Refresh		
Expand		
Collapse		
▥ Rename		
🗐 Copy		
📋 Paste		
✛ Move		
❌ Delete		
▦ Show in Table		
Cache File Descriptions		
Find String...		
Change(B)...		
Save...		
Restore...		
User Actions	▶	
Add To iSeries Project...		
Make Available Offline		
Properties(K)		

*FILE

MBR

Go To	▶	
Open With	▶	
Browse With	▶	
▥ Rename		
🗐 Copy		
✛ Move		
❌ Delete		
Verify		
Verify (Prompt)		
Find String...		
Compile	▶	✓ CRTBNDRPG
Compile (Prompt)	▶	CRTRPGMOD
User Actions	▶	Work With Compile Commands...
Add To iSeries Project...		
Make Available Offline		
Compare With	▶	
Properties(K)		
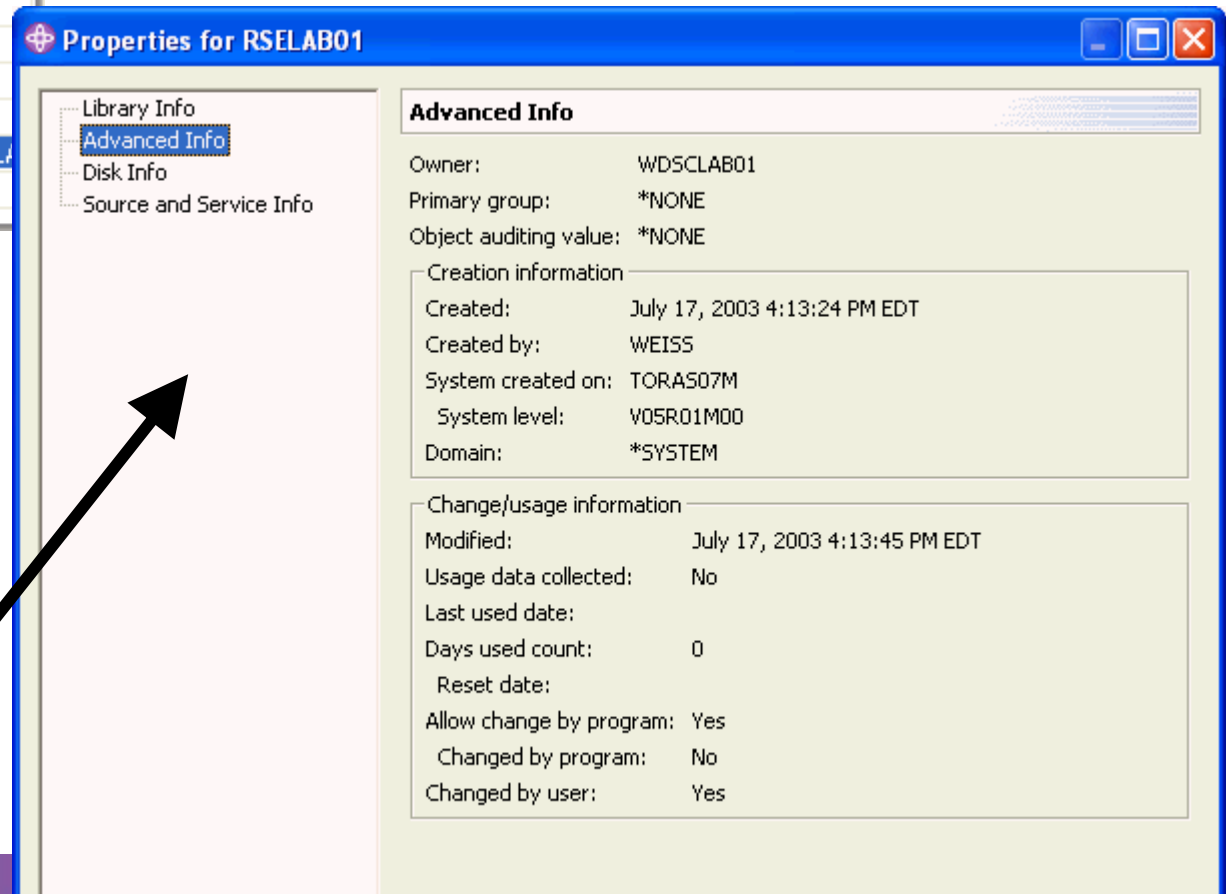
Properties

- **Use Properties view for quick access to common properties**

Directly editable

- **Use Properties dialog for access to all properties**
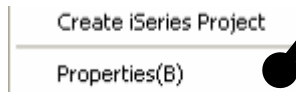
iSeries Table View

This page tells you what you should know before you start developing applications with V Development Studio Client for iSeries. To get started, read the sections below

✓ **Same popup actions in table, and tree**

...sult the Product Overview. You should also look at ...ne help to decide how you can most effectively

✓ **Sort by clicking on column heading**

...You can create and ma... ...with the powerful workstat... tools in this developmen... ...e Remote System Explor... and its built-in editing a...

Remote System Exp... To navigate through yo... ...the Remote System Expl... The first thing you nee... ...you have a connection, you can find and edit your OS/400 members.

Tree popup menu
- New ▶
- Go To ▶
- Expand To ▶
- Refresh
- Expand
- Collapse
- Add To Library List...
- Rename
- Copy
- Paste
- Delete
- **Show in Table**
- Change...
- Save...
- Restore...
- User Actions ▶
- Create iSeries Project
- Properties(B)

Table view
Library RSELAB01 (20 Objects)

Name	Type	Attribute	Text	Status
CLC1	*PGM	CLLE	debuggable, calls Payrolld, parm workstation num	OK
CLR1	*PGM	CLLE	debuggable, calls Payrollg, parm workstation num	OK
MYCOMPILE	*PGM	CLLE		OK
PAYROLLD	*PGM	CBLLE	no errors	OK
PAYROLLG	*PGM	RPGLE		OK
COMPARE	*FILE	PF-SRC		OK
EMPMST	*FILE	PF-DTA		OK

Command [Normal ▾]   [Prompt...] [Run]

Messages   [Details...] [Show Log...]

Remote System Details | Tasks | iSeries Table View | iSeries Commands Log

Show children of selected object in a table view

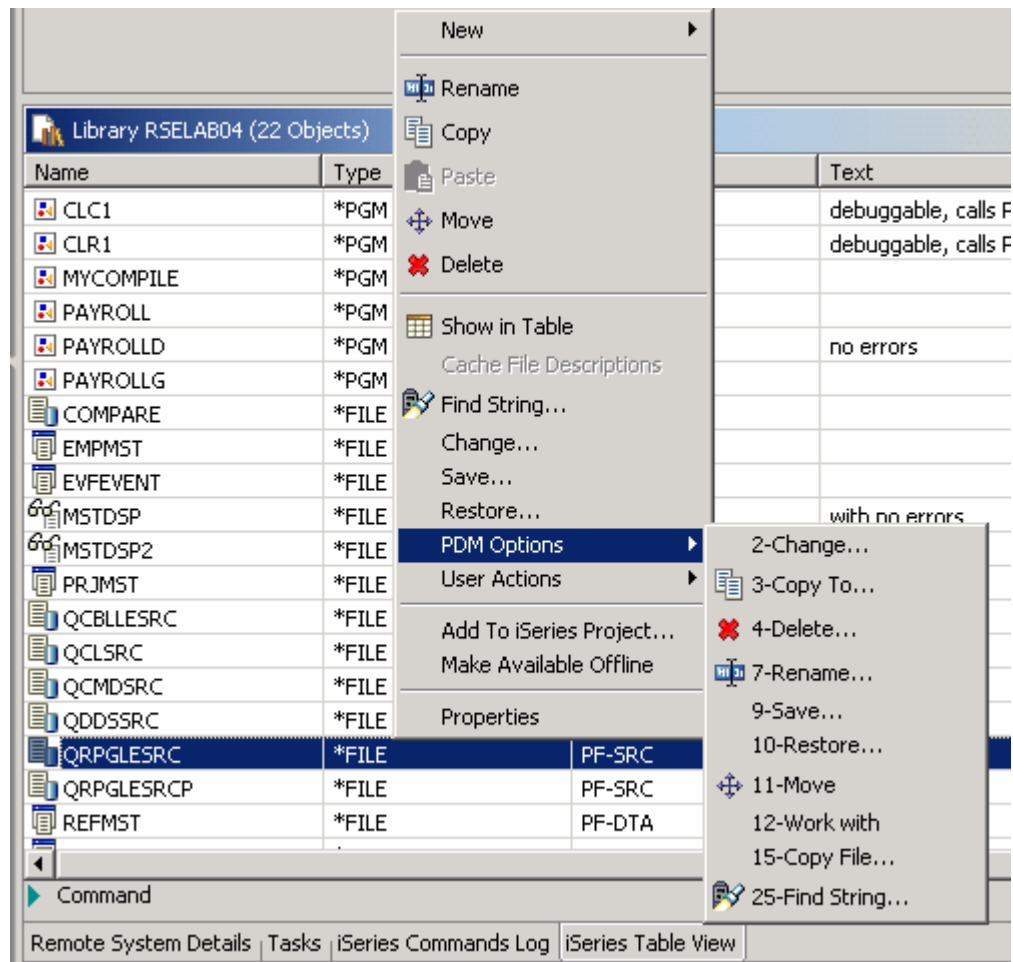# iSeries Table View

✓**Use local pulldown to see additional columns**
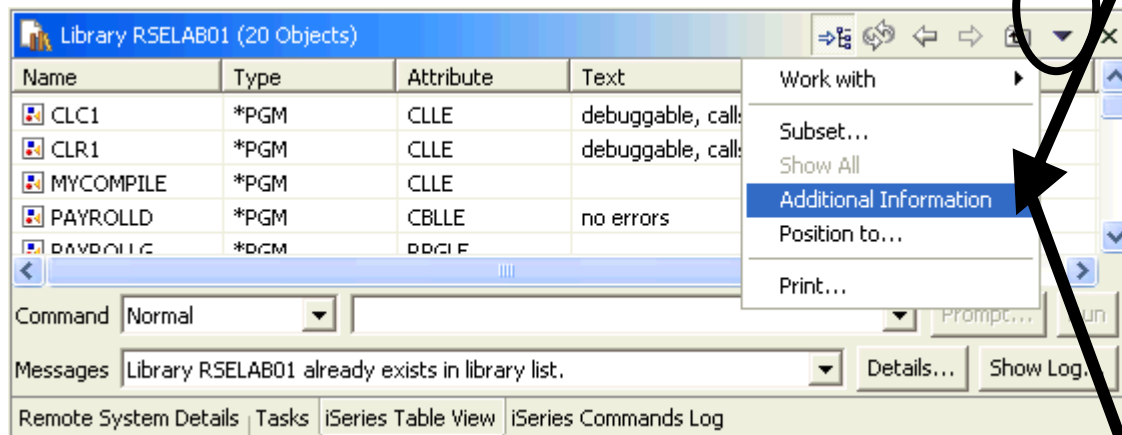
Can also
✓**Change contents**
✓**Subset contents**
✓**Position list**
✓**Print list**

✓**... Just like PDM!**
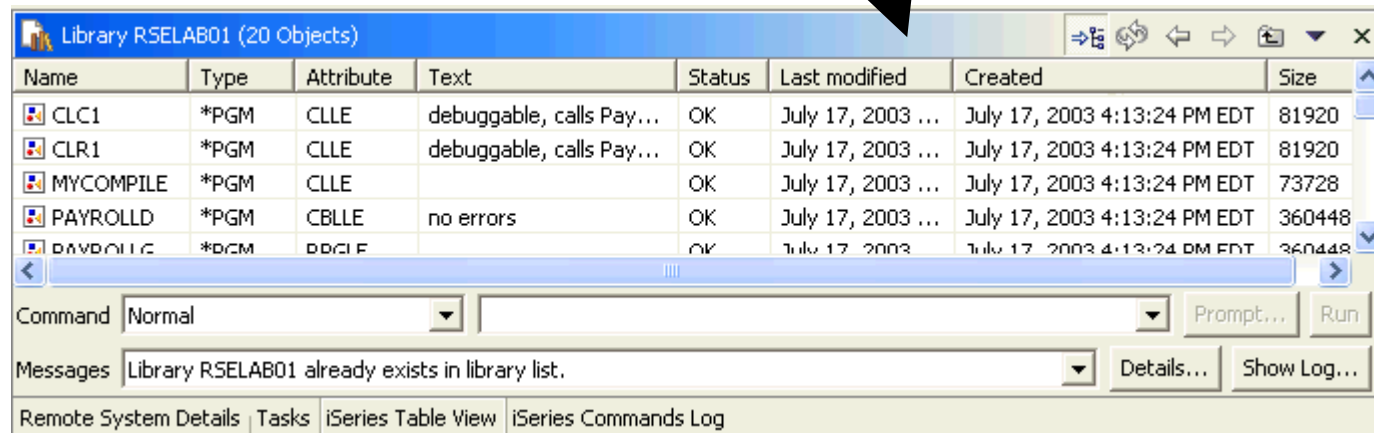
iSeries Table View

✓**Special PDM Options menu for PDM users**

RSE Command Shell

•Enter command, press Enter
•Use arrows to retrieve commands

Prompt

Run

Library RSELAB01 (22 Objects)

Name	Type	Attribute	Text	Status
CLC1	*PGM		gable, calls Payrolld, par...	OK
CLR1	*PGM		gable, calls Payrollg, par...	OK
MYCOMPILE	*PGM			OK
PAYROLL	*PGM			OK
PAYROLLD	*PGM		ors	OK
PAYROLLG	*PGM	RPGLE		OK
COMPARE	*FILE	PF-SRC		OK

Command Normal ▼   addlible test ▼   Prompt... | Run

Messages Library TEST added to library list. ▼   Details... | Show Log...

Remote System Details | Tasks | iSeries Table View | iSeries Commands Log

Show Log

iSeries Commands Log

My Server

```
addlible test
Library TEST added to library list.
Cause . . . . . :  If the ADDLIBLE command was used, TEST was added to the user library list.  If the CHGSYSLIBL command was
used, TEST was added to the system portion of the library list.
```

Command Normal ▼   Prompt... | Run

Remote System Details | Tasks | iSeries Table View | iSeries Commands Log

Multi-file Search

**Select Search->
iSeries from
pulldown menu**

**GUI interface to
FNDSTRPDM**

**Supports generic
names since 5.1**

IBM System i5 Tools | Remote System Explorer |

Search Result

Double click on match entry to open + position in editor

RSE Drag and Drop

- **RSE has rich support for drag and drop**
  - ✓Same as using Copy and Paste

✓**Within same connection**	✓**From tree/table view to editor (5.1 and later)**	✓**Between command shell and tree view**
✓**Between connections**	✓**From tree/table view to filter (5.1 and later)**	✓**Between table view and tree view**