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IBM Advanced Job Scheduler for iSeries

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Why you need advanced scheduling

Scheduling Functions	OS/400 Scheduler	Advanced Job Scheduler
Multiple Times per day		✓
Specific days of week	✓	✓
Specific dates of year	✓	✓
Specific dates of the month	Partial	✓
Last day of the month	✓	✓
Every nn minutes		✓
First working day of the month		✓
Last working day of the month		✓
Based on user-defined calendar of days		✓
Based on fiscal calendar		✓
Multiple holiday calendars		✓
Starting and ending date		✓
Selected Monday of the month	✓	✓
Predefined schedules		✓
Dependencies		
Job Group (Job 1 runs, then Job 2, etc.)		✓
Job dependencies (Job 1 and Job 2 must run before Job 3)		✓
Object dependencies		✓
Active job dependencies		✓
Alternate job dependencies		✓



Why you need advanced scheduling

Scheduling Functions	OS/400 Scheduler	Advanced Job Scheduler
Extras		
Dynamic user-defined parameters		✓
System Parameters		✓
Executes multiple commands per job		✓
Report distribution		✓
Automatic job creation from existing software		✓
User-defined library list		✓
Forecast Reporting of jobs to be run		✓
Console monitor mode for jobs in restricted state		✓
V5R3M0		
Wireless accessibility		✓
Multiple scheduling environments		✓
E-mail capabilities		✓

Why you need advanced scheduling

What can I schedule?

- Scheduled Job
 - ▶ Any function that can be submitted as an OS/400 job
 - One / multiple CL command
 - Can include defined pre and post command lists
 - ▶ Has a unique name
 - ▶ Can be passed parameters
 - ▶ Supported by commands: add, remove, change, submit, hold, work with, ...
 - ▶ Can be run on any AS/400 or iSeries system in the network with AJS installed
- Job Group
 - ▶ A series of jobs that run consecutively, each with a sequence number
 - ▶ Normal completion is required for each job for sequence to continue
 - ▶ First job of a group is scheduled
 - ▶ Subordinate jobs can run on selected days of the week and can be held

How you install the software

iSeries

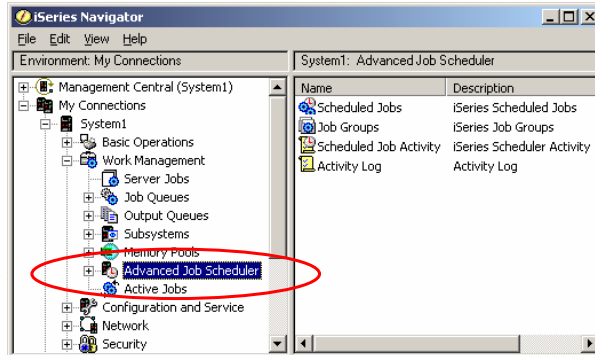
- Server (iSeries)
 - ▶ Product Information:
 - Available on stacked media
 - 57xx-JS1
 - Try-and-Buy
 - 70 Day Free Trial
 - Available on the stacked media
 - ▶ Install methods
 - Menus
 - Obtain proper media (tape or cd)
 - GO LICPGM (return)
 - Selection option 11 (return)
 - Scroll down, place a 1 by 57xxJS1 *BASE (return)
 - Continue filling in the panels (confirm, device....)
 - Command Line
 - Obtain proper media (tape or cd)
 - RSTLICPGM LICPGM(57xxJS1) DEV (your Dev)



How you install the software

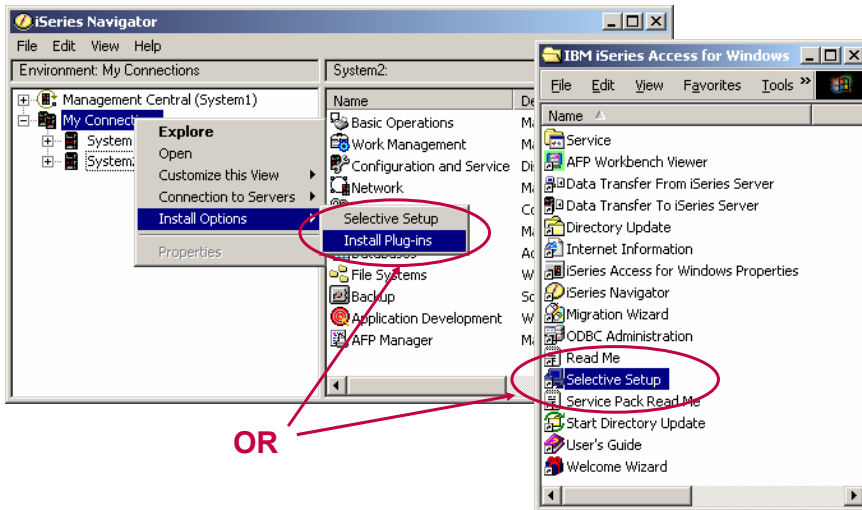
Windows PC

- Graphical User Interface
 - ➔ Requires iSeries Navigator
 - ➔ Install Plug-in
 - Initial scan
 - Manual scan



How you install the software

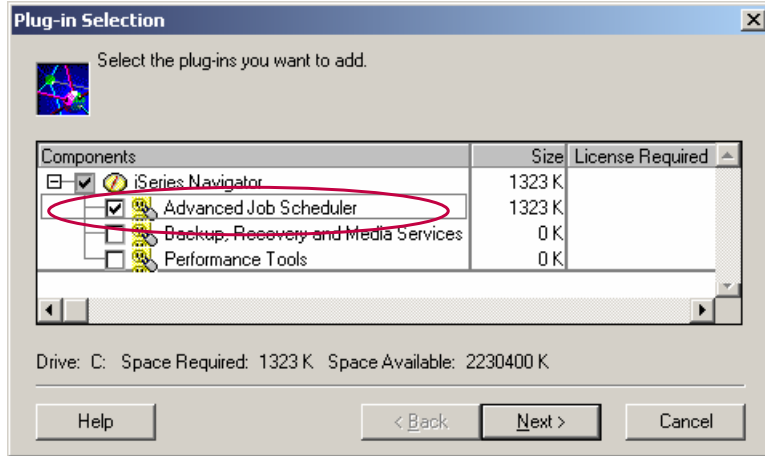
Selective Setup or Install Plug-ins



OR

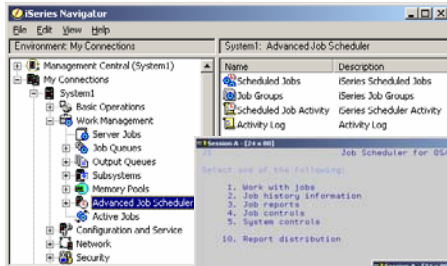
How you install the software

Selective Setup or Install Plug-ins



What interface is right for you

Graphical



Wireless
Available V5R3M0

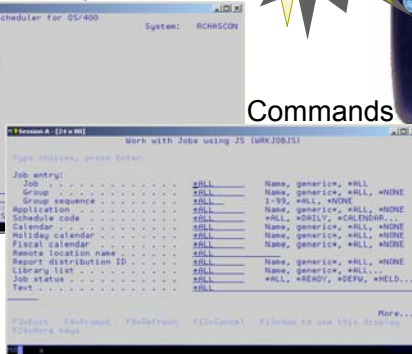


Menus

Commands



Use what is right for you



Notes: What interface is right for you

Graphical iSeries Navigator Plug-in

Located in Job / Work Management branch of navigation tree
Also in Management Central hierarchy

Wireless

Phone, PDA, Browser (HTTP server - ajsp)
<http://your.system:8210/servlet/AJSPervasive>

Traditional 5250 Menus

Start with GO JS command

OS/400 Command Language
ADDJOBJS, CHGJOBJS,...

Job commands

1. Add job using Job Scheduler
2. Change job using Job Scheduler
3. Copy job using Job Scheduler
4. Display job using JS
5. Hold job using Job Scheduler
6. Release job using JS
7. Remove job using Job Scheduler
8. Rename job using Job Scheduler
9. Submit job using Job Scheduler
10. Work with jobs using JS

History commands

20. Display history using JS
21. Remove history using JS
22. Work with history using JS

Log commands

30. Display log for Job Scheduler
31. Remove log entries from JS

Other commands

40. Change job authority using JS
41. Change parameter data
42. Change pager command using JS
43. End Job Scheduler
44. Print schedule using JS
45. Submit console command
46. Set dependent job using JS
47. Set step using JS
48. Send distribution using JS
49. Send reports using JS
50. Start group using JS
51. Start Job Scheduler

Where you can get more information

Product Website

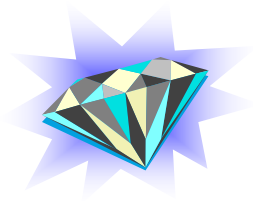
- ▶ <http://www.ibm.com/servers/eserver/series/jscheduler/>

Product Information

- ▶ Technical Information and PTFs
- ▶ Advanced Job Scheduler for Wireless
- ▶ FAQs
- ▶ Job Scheduler Education
- ▶ Contact Us
- ▶ AS/400 Support Line

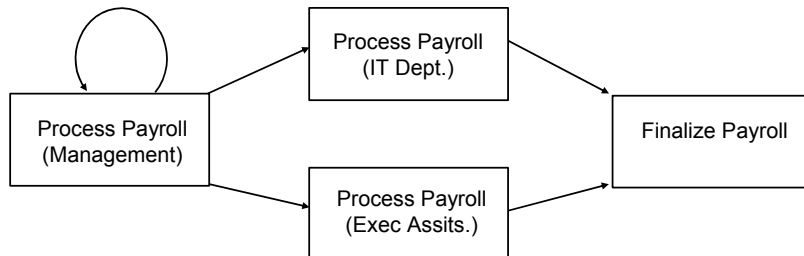
Information Center

- ▶ <http://publib.boulder.ibm.com/html/as400/infocenter.html>
- ▶ Online articles - Search for 'Advanced Job Scheduler'
- ▶ Online publications - Search for 'SC41-5324-00'

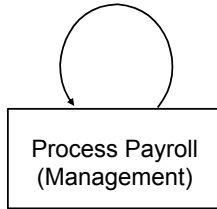


Using IBM Advanced Job Scheduler

Objective



Scheduling recurring work



Scheduling recurring work

New Scheduled Job...

The screenshot shows the iSeries Navigator application window. The left pane displays a tree view of system components, with 'Advanced Job Schedule' expanded. The right pane shows a table of scheduled jobs. A context menu is open over the table, with 'New Scheduled Job' highlighted.

Job Name	Next Run	Schedule
First	02/05/2004, 8:30 AM	Weekly
Fourth	02/08/2004, 10:00 AM	Weekly
Month_x	02/06/2004, 11:00 AM	First Friday
Second	02/09/2004, 11:30 AM	Weekly
	02/10/2004, 1:00 PM	Weekly
	03/01/2004, 11:00 PM	First working day of each month.

Scheduling recurring work

General Information

New Scheduled Job - 192.168.200.253 - (QUSR135)

Problem Recovery | Documentation | Communications | Local Data Area

General | Schedule | Batch Information | Notification

Job name: PAY_MGMT

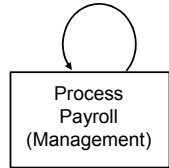
Type of job:
 Scheduled
 Non-scheduled
 Alternate

Description: Process Payroll

Commands:

Application: [dropdown]
Report distribution list: [dropdown]
 Use start time of day

Buttons: Add, Add Based On, Remove, OK



Add Command

Command: call payroll/mgmt

Buttons: Add Variable, Prompt, Messages, OK, Add, Cancel, Help

Add Command

Allow multiple adds without closing window

Add Command

Command: call payroll/mgmt

Buttons: Add Variable, Prompt, Messages, OK, Add, Cancel, Help

Call Program (CALL)

Program: memd Name
Library: payroll Name

Parameters:

Buttons: Add, Remove, Move up, Move down, OK, Cancel, Help

Browse Command Variables

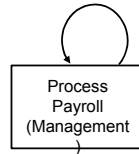
Variable Name
QMM
QDD
QYY
QMDY
QDMY
QYMD
AMM
ADD
AYY

call payroll/mgmt parm(&QYMD)

Buttons: OK, Cancel, Help

Scheduling recurring work

Schedule



Time

Date

Times to run

- On specific time
 - ▶ Select one time of day
 - ▶ Example
 - always at 11:30pm

- Periodically
 - ▶ Frequency by hour or minute
 - ▶ Timeframe for frequency
 - ▶ Example:
 - every 1 hour
 - from 8:00am to 11:00am

Dates to run

Dates to run

Frequency:

On selected dates

Weekly

Skip count:

Monthly

Select as working days

Yearly

Details:

03/17/2004
03/19/2004
03/22/2004

Dates to run

Frequency:

On selected dates

Weekly

Skip count:

Monthly

Select as working days

Yearly

Details:

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Dates to run (cont...)

Dates to run

Frequency:

On selected dates

Weekly

Skip count:

Monthly

Select as working days

Yearly

Details:

Specified days of each month.

Fifth Friday of each month.

Last Friday of each month.

Last working day of each month.

Last day of each month.

Dates to run

Frequency:

On selected dates

Weekly

Skip count:

Select as working days

Yearly

Details:

04/15 every year.

Selecting Calendars...

This looks new. What is this all about?

But how do I create them?

New Scheduled Job - 192.168.200.213 - (QUSRIJ5)

Problem Recovery | Documentation | Communications | Local Data Area

General | Schedule | Batch Information | Notification

March 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

02/05/2004 ...

Additional Calendars...

Additional Calendars dialog:

Scheduling calendar: [] Browse

Holiday calendar: [] Browse

Fiscal calendar: [] Browse

Period 1 []
 Period 2 []
 Period 3 []
 Period 4 []
 Period 5 []

OK Cancel Help

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Creating Calendars...

Calendars

Scheduling Calendars | Holiday Calendars | Fiscal Calendars

Name	Description
CAL	

New
 New Based On
 Remove
 Properties

New Scheduling Calendar

Name: []
 Description: []
 Reference calendar: []

October 2002

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Scheduled dates:
 10/18/2002
 10/18 every year.

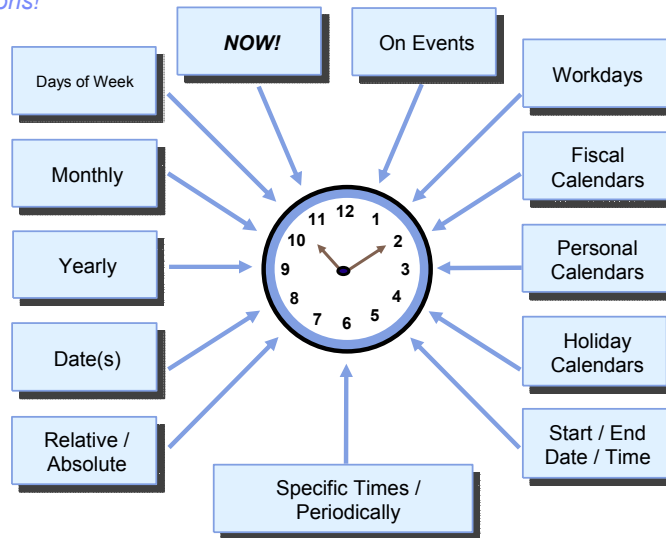
Scheduled days:
 Sunday
 Monday
 Tuesday
 Wednesday
 Thursday
 Friday
 Saturday

OK Cancel Help

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Scheduling recurring work

Many options!



Scheduling recurring work

Everything ready...

New Scheduled Job - 192.168.200.253 - (QUSRTJS)

Problem Recovery: General | Documentation: Schedule | Communications: Batch Information | Local Data Area: Notification

Job name: PAY_MGMT

Type of job:
 Scheduled
 Non-scheduled
 Alternate

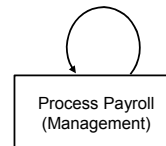
Description: Process Payroll

Commands:
 call payroll/mgmt

Buttons: Add, Add Based On, Remove, Properties, Move Up, Move Down

Application: []
 Report distribution list: []
 Use start time of day

Buttons: OK, Cancel, Help



```

ADDJOBJS
JOB(PAY_MGMT)
SCDCDE(*DAILY)
TIME(1730) DAY(*SAT)
TEXT("Process Payroll")
CMD(call payroll/mgmt)
    
```

Scheduling reoccurring work

Setup complete

The screenshot shows the iSeries Navigator interface. On the left is a tree view of system components. The main pane shows a table of scheduled jobs:

Job Name	Next Run	Schedule
Pay_mgmt	02/07/2004, 5:30 PM	Weekly

Below the table, the details for the selected job are shown:

```

Job Name: Pay_mgmt
Status: Ready to run
Next Run: 10/5/2004 5:30PM
  
```

Are there other ways to schedule?

Event-based Scheduling

- Job Groups
 - › A sequence of jobs with a single schedule
- Job Dependencies
 - › A "directed graph" of predecessors and successors jobs
 - › Specify *ANY or *ALL predecessors must be complete
 - › Specify if normal completion is required
 - › Based on last job in group that runs
- Resource Dependencies
 - › OS/400 objects
 - › Configuration status
 - › Network files
 - › Subsystems
 - › Database files
- Active Dependencies
 - › A list of jobs that cannot be active for the selected job to run
- Alternate Jobs
 - › Jobs that run due to the abnormal end of a scheduled job
- Operator Action

Handling job dependencies

Handling job dependencies

Create another scheduled job

New based on...

Select item

Process Payroll
(IT Dept.)

The screenshot shows the iSeries Navigator interface. On the left is a tree view of system components. On the right is a table titled '192.168.200.253: Scheduled Jobs' with columns 'Job Name', 'Next Run', and 'Schedule'. The 'Pay_mgmt' job is selected. A red circle highlights the 'New based on...' button in the menu bar, and another red circle highlights the 'Pay_mgmt' row in the table. A box labeled 'Process Payroll (IT Dept.)' has an arrow pointing to the 'Pay_mgmt' job.

Job Name	Next Run	Schedule
Pay_mgmt	02/07/2004, 5:30 PM	Weekly

Handling job dependencies

Make changes

Process Payroll
(IT Dept.)

Job name

Description

Commands

New Scheduled Job - 192.168.200.253 - (QUSR135)

Problem Recovery | Documentation | Communications | Local Data Area

General | Schedule | Batch Information | Notification

Job name: PAY_ITDEPT

Type of job:
 Scheduled
 Non-scheduled
 Alternate

Description: Payroll - IT Department

Commands:
 call payroll/itdept

Buttons: Add, Add Based On, Remove, Properties, Move Up, Move Down

Application: [Dropdown]
 Report distribution list: [Dropdown]
 Use start time of day

OK Cancel Help

Handling job dependencies

Add the dependency

Process Payroll
(IT Dept.)

iSeries Navigator

Environment: My Connections

192.168.200.253: Scheduled Jobs

Job Name	Next Run	Schedule
Pay_itdept		
Pay_mngmt		

Job Dependencies (192.168.200.253)

Job name: PAY_ITDEPT

Requirements before continuing:
 Meet all dependencies
 Meet at least one dependency

Predecessors: [Empty Box]
 Successors: [Empty Box]

Buttons: Edit, Close

Handling job dependencies

Select your dependencies

Process Payroll (IT Dept.)

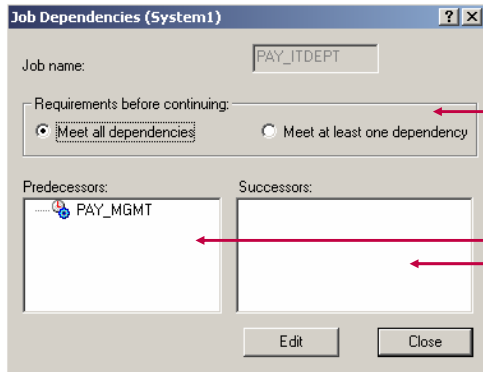
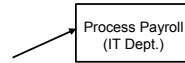
Handling job dependencies

Select your dependencies

Process Payroll (IT Dept.)

Handling job dependencies

Viewing the dependencies

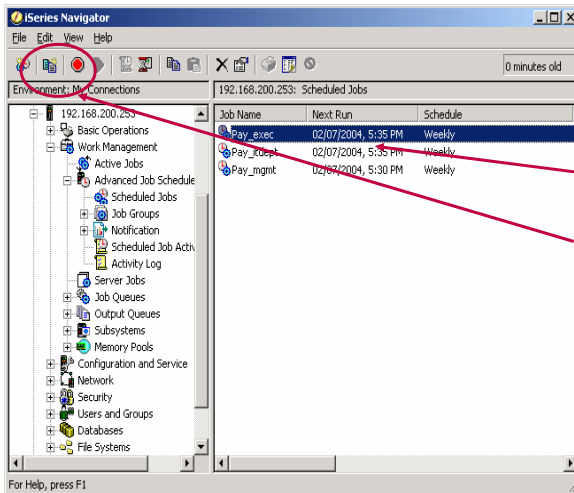
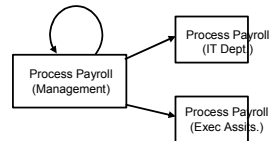


All or At Least One

All Dependencies

Handling job dependencies

Job dependencies completed



Create 'Exec' process

Use New Based on...
Copies schedule
Copies dependencies

Handling job dependencies

Multiple dependencies

Finalize Payroll

One more time...

New Scheduled Job - 192.168.200.253 - (QUSR1J5)

Problem Recovery | Documentation | Communications | Local Data Area

General | Schedule | Batch Information | Notification

Job name: PAY_FINAL

Type of job:
 Scheduled
 Non-scheduled
 Alternate

Description: Payroll - Finalize

Commands:
 call payroll/finalize

Application: [dropdown]
 Report distribution list: [dropdown]
 Use start time of day

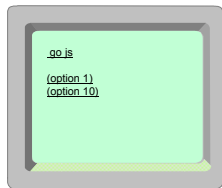
Buttons: Add, Add Based On, Remove, Properties, Move Up, Move Down, OK, Cancel, Help

Handling job dependencies

Add multiple job dependencies

Finalize Payroll

Multiple Predecessors



Edit Job Dependency

Job name: PAY_FINAL

Scheduled Jobs:

Job - Group(Sequence)
FIRST
FOURTH
MONTH_X
PAY_MGMT
SECOND
THIRD
TIMESTART

Predecessors:

Job - Group(Sequence)	Process	Required	Thresh...
PAY_EXEC		X	
PAY_ITDEPT		X	

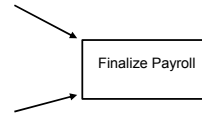
Successors:

Job - Group(Sequence)	Process	Required	Thresh...
-----------------------	---------	----------	-----------

Buttons: Add->, <-Remove, Properties, Add->, <-Remove, Properties, OK, Cancel, Help

Handling job dependencies

Viewing multiple dependencies



Job Dependencies (System1)

Job name: PAY_FINAL

Requirements before continuing:
 Meet all dependencies Meet at least one dependency

Predecessors:

- PAY_EXEC
- PAY_MGMT
- PAY_ITDEPT
- PAY_MGMT

Successors:

Lightbulb icon

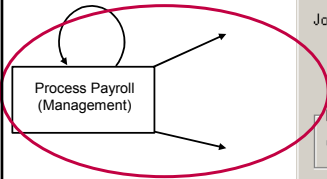
Edit Close

Direct dependency

Nested dependency

Handling job dependencies

Viewing the successors



Job Dependencies (System1)

Job name: PAY_MGMT

Requirements before continuing:
 Meet all dependencies Meet at least one dependency

Predecessors:

Successors:

- PAY_EXEC
- PAY_FINAL
- PAY_FINAL
- PAY_ITDEPT
- PAY_FINAL

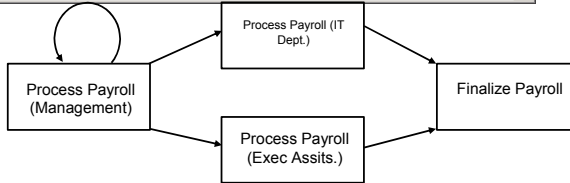
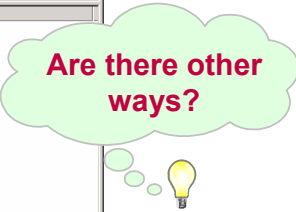
Edit Close



Handling job dependencies

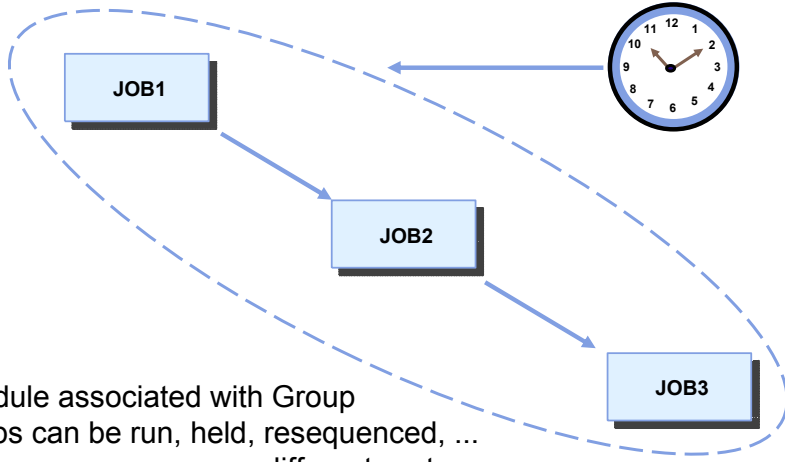
Dependency flow complete!

Job Name	Next Run	Schedule
Pay_exec	02/07/2004, 5:35 PM	Weekly
Pay_final	02/07/2004, 5:40 AM	Weekly
Pay_tdept	02/07/2004, 5:35 PM	Weekly
Pay_mgmt	02/07/2004, 5:30 PM	Weekly



Handling job dependencies

Using a job group...



- Schedule associated with Group
- Groups can be run, held, resequenced, ...
- Jobs can run on same or different systems

Handling job dependencies

Example using a job group



The screenshot shows the iSeries Navigator interface. On the left, a tree view shows the hierarchy: System1 > Job Groups > Payroll. The main window displays a table for 'System1: Payroll' with the following data:

Sequence	Name	Status
1	ITDEPT	Ready to run
2	EXEC	Ready to run

A 'Job Dependencies (System1)' dialog box is open, showing the job name 'PAY_EXEC'. Under 'Requirements before continuing', the 'Meet all dependencies' radio button is selected. The 'Predecessors' field contains 'EXEC - PAYROLL(02)', and the 'Successors' field contains 'PAY_FINAL'. Red circles highlight the 'EXEC' job name in the table and the 'EXEC - PAYROLL(02)' predecessor in the dialog, with a red arrow pointing from the former to the latter.

Handling job dependencies

Group Job Properties

- Missing Scheduling Properties
- Added...
 - ▶ Group name (view only)
 - ▶ Sequence in group (view only)
- Same...
 - ▶ Name
 - ▶ Description
 - ▶ Command
 - ▶ Application
 - ▶ Report Distribution List
 - ▶ and more...

The screenshot shows the 'Scheduled Job Properties - 192.168.200.253 - (QUSRJJS)' dialog box. The 'General' tab is active. The 'Job name' field contains 'ITDEPT'. The 'Group name' field contains 'PAYROLL', and the 'Sequence in group' field contains '01'. These three fields are circled in red. The 'Commands' field contains 'call payroll/itdept'. The 'Application' and 'Report distribution list' fields are empty. The 'Use start time of day' checkbox is unchecked. Buttons for 'Add', 'Add Based On', 'Remove', 'Properties', 'Move Up', and 'Move Down' are visible on the right side.

Notifying operator of status

Notifying operator of status

Setting the notification properties



Scheduled Job Properties - 192.168.200.253 - (QUSR1JS)

Problem Recovery | Documentation | Communications | Local Data Area
General | Schedule | Batch Information | Notification

Send completion message
Message queue: QSYSOPR [Browse]
Library: QSYS

Notify if job completes successfully
Recipient: smtowns
Message: Final job completed successfully.

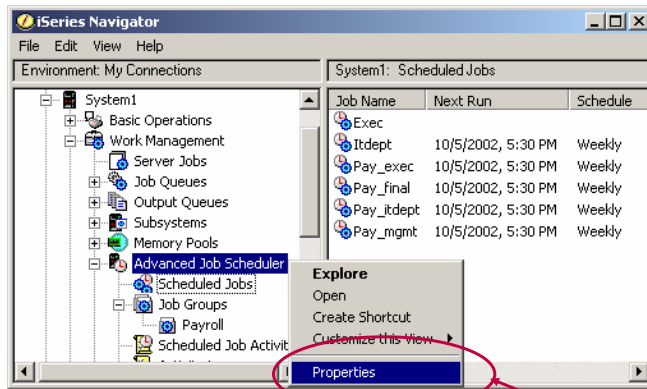
Notify if job fails
Recipient: smtowns
Message: Final job completed failed.

Notify if job does not start within limit
Recipient: Use job control value
Limit: Use job control value

OK Cancel Help

Notifying operator of status

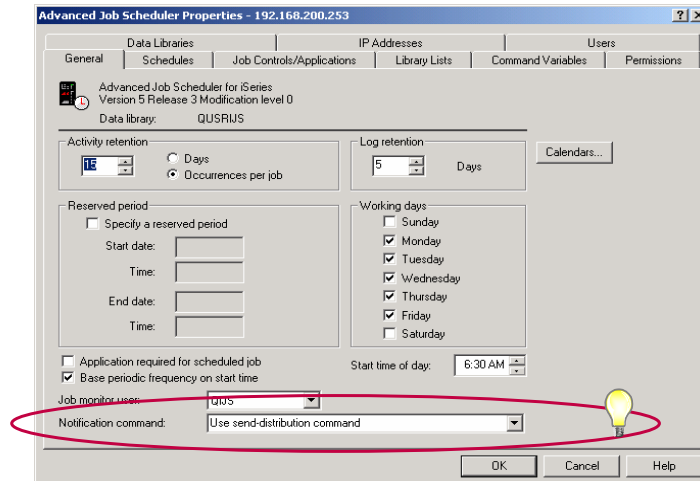
Defining notification command



Customizing notification command

Notifying operator of status

Defining notification command (cont...)



Notifying operator of status

Send Distribution command

The image shows two screenshots of the pminsys2.ws terminal window. The left screenshot shows the 'Send Distribution using JS (SND0STJS)' command with prompts for Recipient, Subject, and Message, all set to *NONE. The right screenshot shows the 'Return Internet address' field set to BRINDFT and a list of options for Spooled file, Job name, User, Spooled file number, Selection text, Attachment name, Attachment suffix, and Remove spooled file. The terminal also shows a status message: '3) J002 - Session successfully started'.

Notifying operator of status

Send Distribution command (cont...)

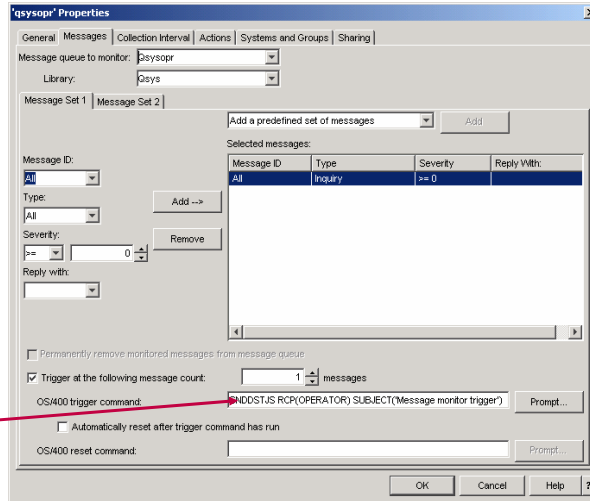
The image shows the iSeries Navigator interface. The 'Advanced Job Scheduler for iSeries' is selected, and the 'Notification' folder is expanded. A context menu is open over the 'Notification' folder, with the 'Properties' option selected. A 'Notification Properties' dialog box is open, showing settings for Message retention (180 Days), Outgoing mail server (SMTP) (smtp.yourdomain.com), Port (25), Reply address (default@yourdomain.com), Reply attempts (3), Log send activity (No), and Number of banner pages (1). The dialog box also has OK, Cancel, and Help buttons.

Notifying operator of status

Send Distribution command (cont...)

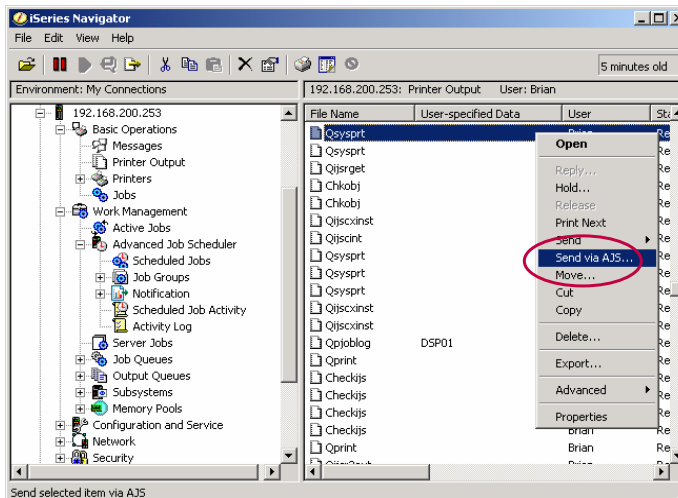
- E-mail messages
- Attach spooled files (PDF, TXT)
- Send to e-mail address based on contents of spooled file
- Can be used with Management Central monitors
- "Send via AJS" menu option in iSeries Navigator
- Escalate to next e-mail address if no response
- On-call schedules

New Send Distribution (SNDDSTJS) command



Notifying operator of status

Send Distribution command (cont...)





Multiple scheduling environments

Data libraries and Users

Advanced Job Scheduler Properties - 192.168.200.253

Name	Description	Monitor
QUSRUS	Main product library	Yes
QUSRSTST	Test environment	Yes
QUSRUSBKU	HA backup from System A	No

Advanced Job Scheduler Properties - 192.168.200.253

Name	Library
BRIAN	QUSRUS
DAVID	QUSRUS
BRAD	QUSRSTST
JULIA	QUSRUSBKU



Multiple scheduling environments

Data libraries and Users (cont...)

Data library accessed by the user.

Advanced Job Scheduler Properties - 192.168.200.253

Data library: QUSRUS

Activity retention: 15 Days

Log retention: 5 Days

Reserved period: Specify a reserved period

Working days: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday

Application required for scheduled job: Base periodic frequency on start time: Start time of day: 6:3

Job monitor user: QUS

Notification command: Use send distribution command

Scheduled Job Properties - 192.168.200.253 - (QUSRUS)

Job name: TDEPT

Group name: PAYROLL

Sequence in group: 01

Description:

Commands: call payroll/tdept

Application:

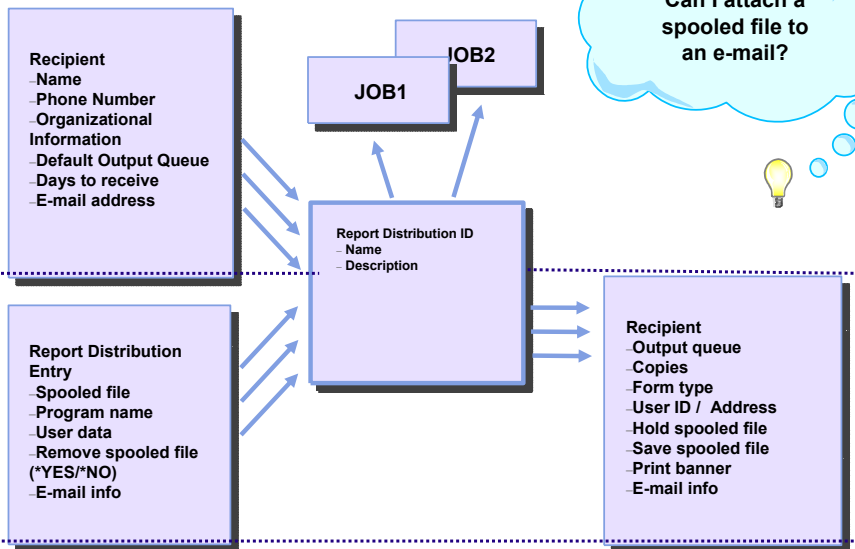
Report distribution list:

Use start time of day

Accessing more advanced options

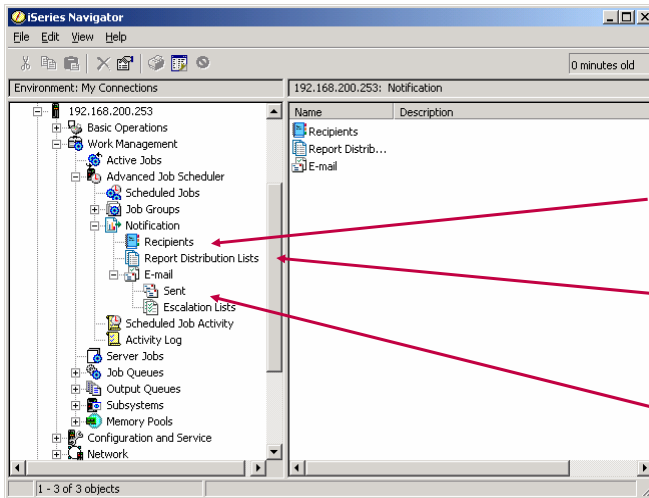
Accessing more advanced options

How can I manage the output from all these jobs?



Accessing more advanced options

How can I manage the output from all these jobs? (cont...)



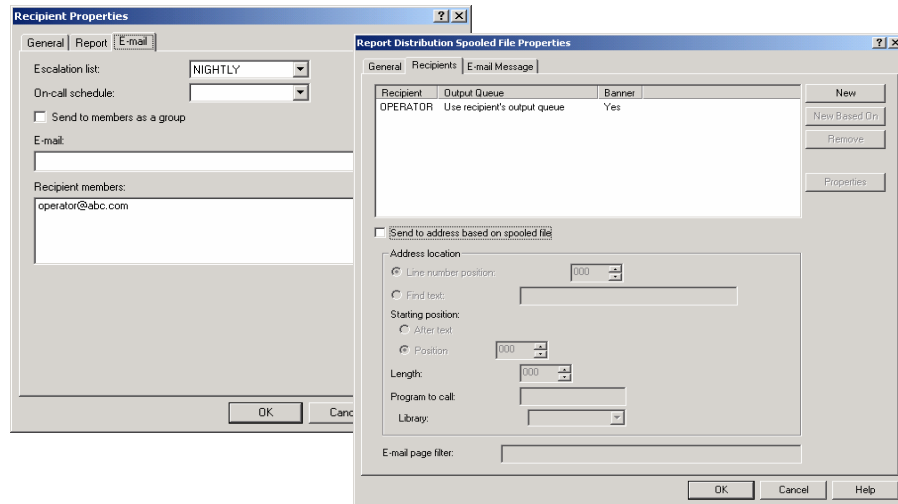
Contains e-mail addresses

Who gets what how

E-mail messages

Accessing more advanced options

How can I manage the output from all these jobs? (cont...)



Accessing more advanced options

Properties - Batch

Scheduled Job Properties - System1

General | Schedule | **Batch Information** | Notification | Problem

System to run job: Use job control value

Job description: Use job control value

Library: []

Job queue: Use job control value

Library: []

Output queue: Use job control value

Library: []

User: Use job control value

Current library: Use job control value

Library list: Use job control value

Advanced

Advanced Batch Information

Accounting code: Use job control value

Run priority: Use job control value

Job priority: Use job control value

Output priority: Use job control value

Printer device: Use job control value

Print text: Use job control value

Routing data: Use job control value

Log CL commands: Use job control value

Hold on job queue: Use job control value

Initial ASP group: Use job control value

OK Cancel Help

Customize until your hearts content!!!

Accessing more advanced options

Properties - Recovery

Maximum Time

Error Handling

Messages

Scheduled Job Properties - 192.168.200.253 - (QUSR135)

General | **Problem Recovery** | Schedule | Batch Information | Notification

Documentation | Communications | Local Data Area

Maximum run time: No maximum

Maximum run time action: End the job

Use an alternate job if job fails

Job name: []

Group: [] Browse

Sequence: []

Action if job cannot start when scheduled: Use job control value

Reply to inquiry message: Use job control value

Message logging:

Level: Use job control value

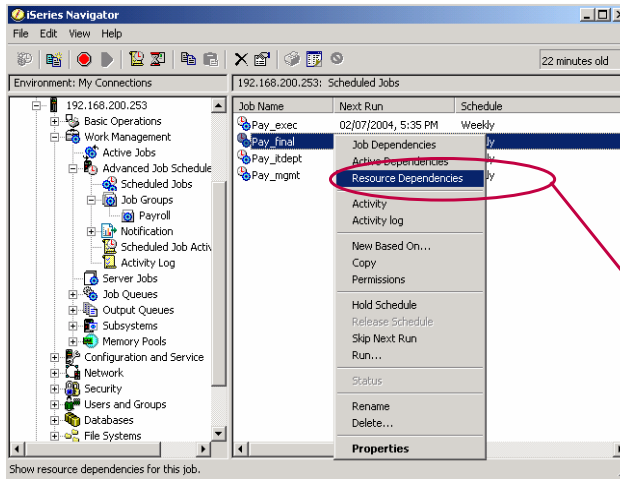
Severity: Use job control value

Text: Use job control value

OK Cancel Help

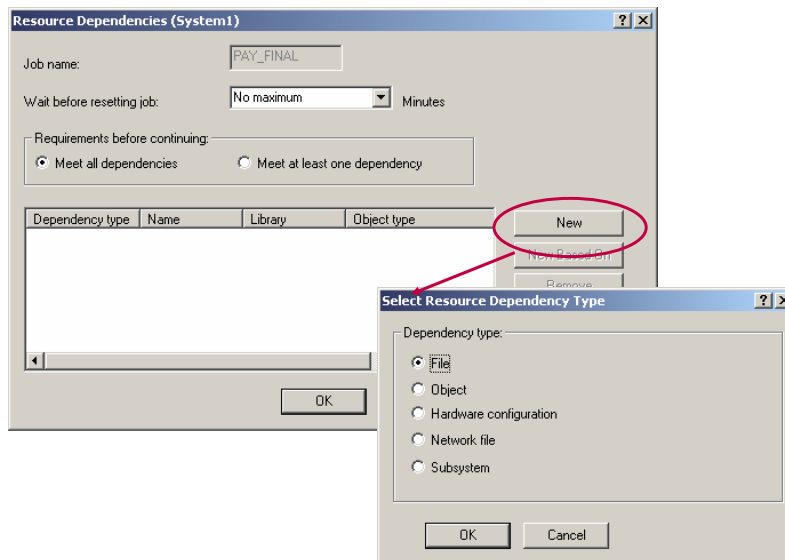
Accessing more advanced options

Resource Dependencies



Accessing more advanced options

Resource Dependencies - details



Accessing more advanced options

Activity & Activity Log

What has been going on?

Job Name	Next Run	Schedule
Pay_exec	02/07/2004, 5:35 PM	Weekly
Pay_final		
Pay_itdept		
Pay_mgmt		

Time sent	Message	Message ID	Sev
9/30/2002 12:09:56 AM	Job PAY_FINAL added.	US1009	10
9/30/2002 12:09:56 AM	Job PAY_FINAL reset.	US1070	00
9/30/2002 12:17:20 AM	Job PAY_FINAL changed.	US1095	10
9/30/2002 12:17:20 AM	Job PAY_FINAL reset.	US1070	00

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Accessing more advanced options

On the fly actions...

Not now...

Forget it...

NOW!

Job Name	Next Run	Schedule
Pay_exec	02/07/2004, 5:35 PM	Weekly
Pay_final		
Pay_itdept		
Pay_mgmt		

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Accessing more advanced options

Command step

CL example:

```

PGM
"
"
SETSTPJS
TEXT('Updating PAYR001')
"
"

```

Scheduled Job Properties - 192.168.200.253 - (QUSRJDS)

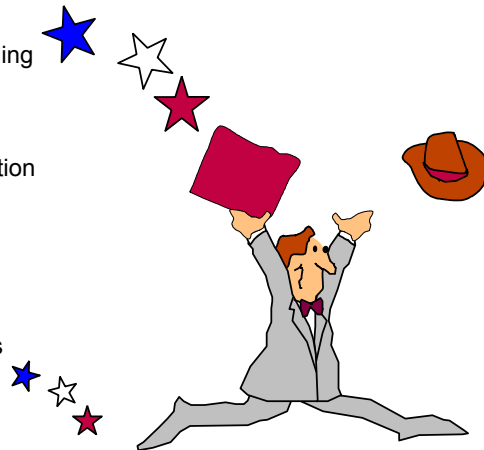
General	Batch Information	Notification	Problem Recovery
Documentation	Communications	Local Data Area	Last Run
Job:	052887/BRIAN/EXEC		
Started:	02/12/2004, 11:33:33 AM		
Ended:	None		
Running time (HH:MM):	00:00		
Progress:	<div style="width: 10%; background-color: blue; height: 10px;"></div> 0% 100%		
Command sequence:	10		
Command:	call payroll/exec		
Command step:	Updating PAYR001		
Completion status:	Running		

OK Cancel Help

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Summary

- Getting started
 - ▶ Why you need advanced scheduling
 - ▶ How you install the software
 - ▶ What interface is right for you
 - ▶ Where you can get more information
- Using IBM Advanced Job Scheduler
 - ▶ Scheduling reoccurring work
 - ▶ Handling job dependencies
 - ▶ Notifying operator of status
 - ▶ Multiple scheduling environments
- Accessing more advanced options




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