Getting around the green screen

Type a command on the line marked **===>** and press **Enter**. Not sure of the parameters? Press **F4** instead.

FUNCTION KEYS

F1	Help for the field the cursor is on
F3	Exit
F4	Prompt: fill in a command's parameters
F5	Refresh
F6	Create (on many Work-with lists)
F9	Retrieve your last command
F10	More parameters (in a prompt)
F11	Alternative view of a list
F12	Cancel: go back one screen
F24	Show more function keys

KEYBOARD

Shift+F1–F12	Gives F13–F24
Page Up/Down	Scroll a list ('More…' shows there is more)
Reset	Unlocks a locked keyboard after an error; often left Ctrl
Field Exit	Leave a field and clear the rest of it
Sys Req	System Request menu; Shift+Esc in ACS
Attn	Your attention program; Esc in ACS

Key positions depend on your emulator's keyboard map. In IBM i Access Client Solutions (ACS) check Edit › Preferences › Keyboard.

LIST OPTIONS

Type the number next to an item and press Enter. Read the line at the top of each screen; meanings vary a little.

- **2** Change
- **3** Hold / Copy
- **4** Delete / End
- **5** Display / Work with
- **6** Release
- **7** Messages / Rename
- **8** Attributes / Spooled files

SYSTEM REQUEST MENU Sys Req, then type the number

- **1** Transfer to a second job (sign on if none)
- **2** End previous request (stop what's running)
- **3** Display your current job
- **4** Display your messages
- **5** Send a message
- **6** Display system operator messages
- **80** Disconnect your job
- **90** Sign off

NAMES AND SPECIAL VALUES

ABC*	Generic name: everything starting ABC
***LIBL**	Search your library list
***CURLIB**	Your current library
***ALL**	Everything
***ALLUSR**	All user libraries
WRK*	Typed alone: lists every WRK command

Stuck? F4 prompts any command; F4 on a parameter lists its allowed values; F1 explains a field or an error message. **GO MAJOR** lists every command group.

How do I…?

Which OS release am I on?
DSPPTF — the header shows 'Release of base option', e.g. V7R5M0.

Which Technology Refresh?
WRKPTFGRP — the Technology Refresh group's level is your TR number.

Who is locking my file?
```
WRKOBJLCK OBJ(LIB/FILE) OBJTYPE(*FILE)
```

A job is stuck.
WRKACTJOB — option 4. Use *CNTRLD first; *IMMED only if it will not end.

Get a report as a PDF.
```
CPYSPLF FILE(name) TOFILE(*TOSTMF) TOSTMF('/home/me/r.pdf')
```
WSCST(*PDF) — needs 5770-TS1 option 1; add JOB() if it came from another job.

Export a file to CSV.
```
CPYTOIMPF FROMFILE(LIB/FILE) TOSTMF('/home/me/f.csv')
```
RCDDLM(*CRLF) ADDCOLNAM(*SQL) — add MBROPT(*REPLACE) to overwrite.

Where does an object live?
```
WRKOBJ OBJ(*ALL/NAME)
```

What does a program use?
DSPPGMREF PGM(LIB/NAME) — lists the files and programs it calls.

Re-enable a disabled user.
CHGUSRPRF USRPRF(NAME) STATUS(*ENABLED) — needs *SECADM.

What is this system's IP address?
```
NETSTAT *IFC
```

My keyboard has locked.
Press Reset, read the message at the bottom, then try again.

⚠ HANDLE WITH CARE

PWRDWNSYS	Shuts down the whole system for everyone. Without RESTART(*YES) it stays off.
ENDSBS *ALL	Ends all subsystems and their jobs, leaving the system in restricted state.
ENDJOB *IMMED	Ends a job with no clean-up. Use *CNTRLD first; never end a job in rollback.
CLRLIB / DLTLIB	Deletes every object in a library, or the library itself. No undo.
CLRPFM	Deletes every record in a file member. No undo.
CHGSYSVAL	Changes behaviour for every user. Note the old value first.

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IT Management 101
Technology & Project Management

AS/400 · ISERIES · IBM I

AS400 Command Cheat Sheet

The commands you will actually use, grouped by task.

Checked for IBM i 7.5 & 7.6 v1.0 · October 2026

```
MAIN        IBM i Main Menu
Selection or command
===> WRKACTJOB
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel
```

LEARN THESE TEN FIRST

01	**WRKACTJOB**	See what is running right now
02	**WRKSPLF**	Find your printed reports
03	**DSPMSG**	Read your messages
04	**WRKOBJ**	Find any object, in any library
05	**DSPLIBL**	Show the libraries your job searches
06	**WRKSYSSTS**	CPU, memory and disk at a glance
07	**DSPJOBLOG**	See what your job did, and why it failed
08	**WRKSBMJOB**	Track the batch jobs you submitted
09	**WRKLNK**	Browse IFS folders and files
10	**SIGNOFF**	Sign off and end your session

Chosen from 17 published command lists and the questions people ask most in IBM i forums.

INSIDE, GROUPED BY TASK

- **01** Your session & library list
- **02** Jobs, queues & subsystems
- **03** Printing & spooled files
- **04** Messages & logs
- **05** Libraries & objects
- **06** Files, data & SQL
- **07** IFS: folders & stream files
- **08** Users & authority
- **09** Save & restore
- **10** System status, values & PTFs
- **11** Network & TCP/IP
- **12** Development

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How commands are named

Most commands are a **verb** plus an **object**: **WRK**+**SPLF** = Work with Spooled Files. Learn the parts and you can guess the command.

WRK	Work with	**CPY**	Copy
DSP	Display	**SAV**	Save
CHG	Change	**RST**	Restore
CRT	Create	**ADD**	Add
DLT	Delete	**RMV**	Remove
STR	Start	**HLD**	Hold
END	End	**RLS**	Release
SND	Send	**VRY**	Vary

Objects: JOB job · **SPLF** spooled file · **OUTQ** output queue · **MSG** message · **LIB** library · **LIBL** library list · **OBJ** object · **USRPRF** user profile · **SBS** subsystem · **SYSSTS** system status · **LNK** IFS link · **PTF** fix

01 Your session & library list

SIGNOFF	Sign off (or Sys Req, option 90) ★
CHGPWD	Change your password
DSPJOB	Your job: attributes, log, locks
DSPLIBL	Show your library list (your 'PATH') ★
EDTLIBL	Add or remove libraries on screen
ADDLIBLE	Add one library to your list
CHGCURLIB	Set your current library
GO	Go to a menu: GO MAIN, GO MAJOR
CALL	Run a program: CALL PGM(LIB/PGM)

02 Jobs, queues & subsystems

WRKACTJOB	Running jobs, CPU use, status ★
WRKUSRJOB	One user's jobs, incl. ended ones with output
WRKSBMJOB	Batch jobs you submitted ★
WRKJOB	Menu for one job: log, spool, locks
SBMJOB	Run a command in batch
DSPJOBLOG	A job's messages and errors ★
CHGJOB	Change a job's priority or output queue
HLDJOB	Pause a job (RLSJOB resumes it) 🔑
ENDJOB	End a job; try *CNTRLD before *IMMED 🔑
WRKJOBQ	Batch jobs waiting in a job queue
WRKOBJLCK	Who is locking an object
WRKJOBSCDE	The built-in job scheduler
WRKSBS	Active subsystems

03 Printing & spooled files

WRKSPLF	Your printed output; 5 to view it ★
DSPSPLF	View a spooled file on screen
CPYSPLF	Copy a report to a file, or PDF (5770-TS1)
CHGSPLFA	Move output to another printer
DLTSPLF	Delete a spooled file
WRKOUTQ	Everything on an output queue
WRKWTR	Printer writers and their status
STRPRTWTR	Start a printer writer (ENDWTR stops)

★ one of the ten to learn first 🔑 may need special authority (e.g. *JOBCTL, *SPLCTL, *SECADM)

04 Messages & logs

DSPMSG	Read your messages ★
DSPMSG QSYSOPR	Operator messages and replies
SNDMSG	Send a message to a user
SNDBRKMSG	Interrupting message to screens
DSPLOG	System history log (QHST)
WRKMSGD	What a message ID means

05 Libraries & objects

WRKOBJ	Find objects: WRKOBJ *ALL/NAME ★
WRKLIB	List and manage libraries
DSPLIB	Everything in one library
DSPOBJD	Size, owner, created and used dates
CRTLIB	Create a library
CRTDUPOBJ	Copy an object to another library
MOVOBJ	Move an object between libraries
RNMOBJ	Rename an object

06 Files, data & SQL

STRSQL	Interactive SQL (needs 5770-ST1)
RUNSQLSTM	Run SQL from a source member or IFS file
RUNQRY	Quick look: RUNQRY *NONE LIB/FILE
WRKQRY	Build and run queries (needs 5770-QU1)
DSPPFM	Browse the raw data in a file
DSPFD	File attributes and record counts
DSPFFD	List a file's fields
DSPDBR	Views and logicals built over a file
CPYF	Copy records between files
CPYTOIMPF	Export a file to CSV in the IFS
CPYFRMIMPF	Import a CSV into a file
RGZPFM	Reclaim space from deleted records

07 IFS: folders & stream files

WRKLNK	Browse folders: WRKLNK '/home/*' ★
EDTF	Edit a stream file or member
CPYTOSTMF	Copy a member out to an IFS file
CPYFRMSTMF	Copy an IFS file into a member
QSH	Unix-style shell (Qshell)

08 Users & authority

WRKUSRPRF	List and manage user profiles
DSPUSRPRF	Is a profile disabled? Which groups?
CHGUSRPRF	Reset a password, STATUS(*ENABLED) 🔑
CRTUSRPRF	Create a user profile 🔑
DSPOBJAUT	Who can use an object
GRTOBJAUT	Grant authority (RVKOBJAUT removes)
WRKAUT	Permissions on IFS objects
ANZDFTPWD	Find profiles whose password = user ID 🔑

09 Save & restore

GO SAVE	Backup menu; option 21 = full save 🔑
SAVLIB	Save a library
SAVOBJ	Save individual objects
RSTLIB	Restore a library
RSTOBJ	Restore individual objects
SAV / RST	Save or restore IFS objects
CRTSAVF	Create a save file on disk
DSPSAVF	See what is inside a save file

10 System status, values & PTFs

WRKSYSSTS	CPU, memory pools, % disk used ★
WRKDSKSTS	Usage and busy % for each disk
WRKSYSVAL	View system-wide settings
WRKCFGSTS	Status of devices, lines, controllers
DSPPTF	Fixes applied, and your OS release
WRKPTFGRP	PTF groups: cumulative, TR, HIPER
DSPSFWRSC	Installed licensed programs
DSPNETA	System name and network attributes

11 Network & TCP/IP

NETSTAT	Connections; NETSTAT *IFC = IP addresses
PING	Is a host reachable?
NSLOOKUP	Look up a host name in DNS
CFGTCP	TCP/IP configuration menu
STRTCPSVR	Start a server, e.g. SERVER(*FTP)
FTP	FTP client

12 Development

Green-screen PDM and SEU need 5770-WDS. Most developers now use VS Code (Code for IBM i) or RDi.

STRPDM	The PDM menu
WRKMBRPDM	Edit and compile source members
CRTBNDRPG	Compile an ILE RPG program
CRTBNDCL	Compile an ILE CL program
CRTSQLRPGI	Compile RPG with embedded SQL
STRDBG	Debug a program (ENDDBG stops)
DSPPGMREF	Files and programs a program uses

PREFER SQL? IBM I SERVICES

Many screens are also SQL views in QSYS2, e.g. **SELECT * FROM QSYS2.USER_INFO**. Run them in ACS Run SQL Scripts, or STRSQL if you have 5770-ST1.

ACTIVE_JOB_INFO()	WRKACTJOB as a table
JOBLOG_INFO('*')	your job log
OUTPUT_QUEUE_ENTRIES	spooled files
OBJECT_LOCK_INFO	who holds a lock
SYSTEM_STATUS_INFO	WRKSYSSTS figures
USER_INFO	user profiles

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