



Unidade 4

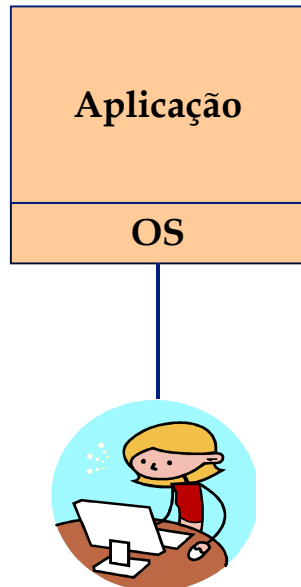
Gerenciamento de Tarefas

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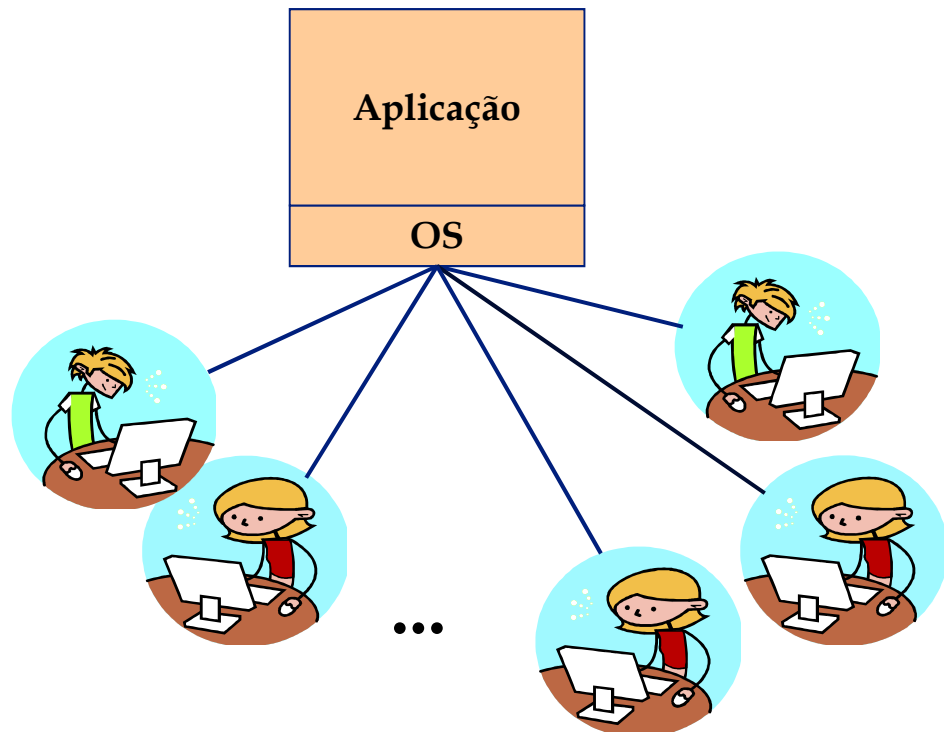


Gerenciamento de Tarefas

Ambiente Single User



Ambiente Multi User



Performance? Segurança ? Disponibilidade?



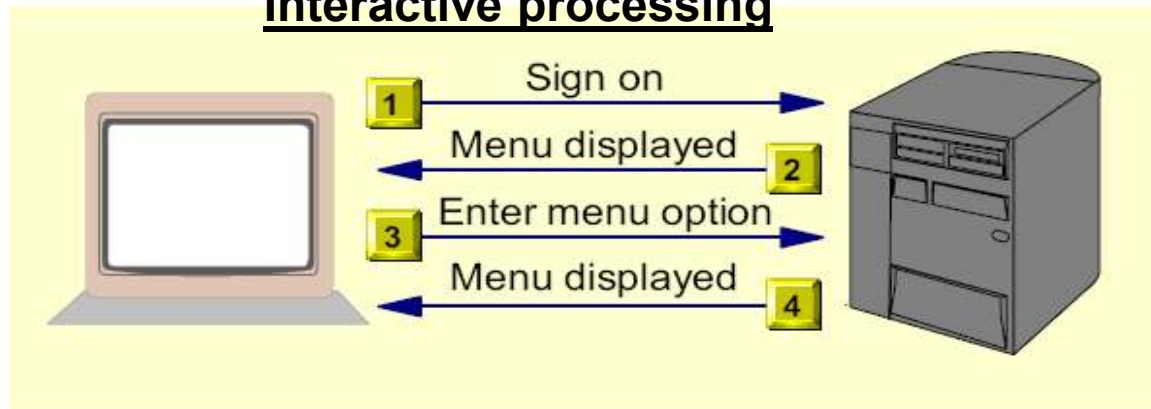
Gerenciamento de Tarefas

- Suporta os comandos e funções do Sistema Operacional para controlar as operações e tarefas do ambiente
- Controla os recursos para as aplicações, tais como memória, workstations, etc...

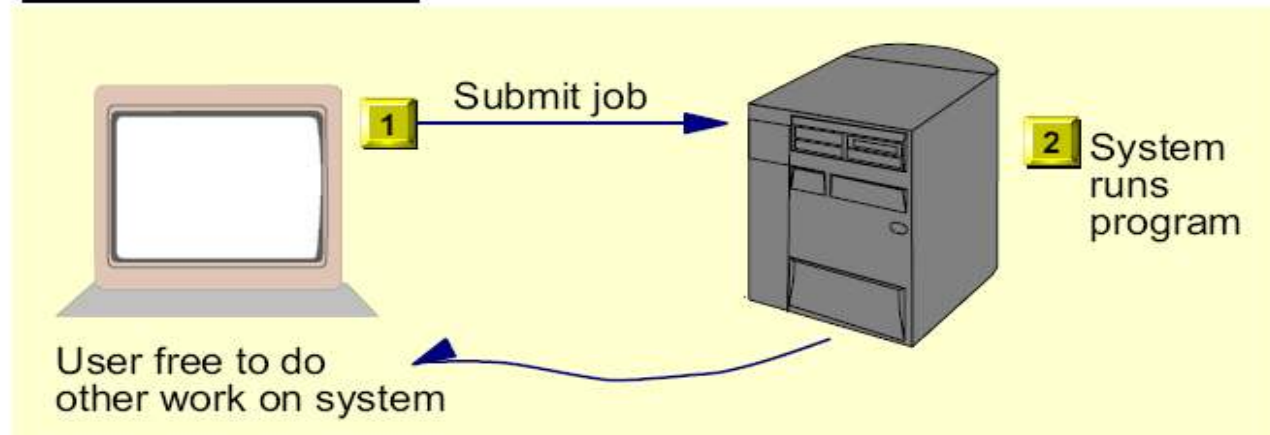


Workloads

Interactive processing



Batch processing

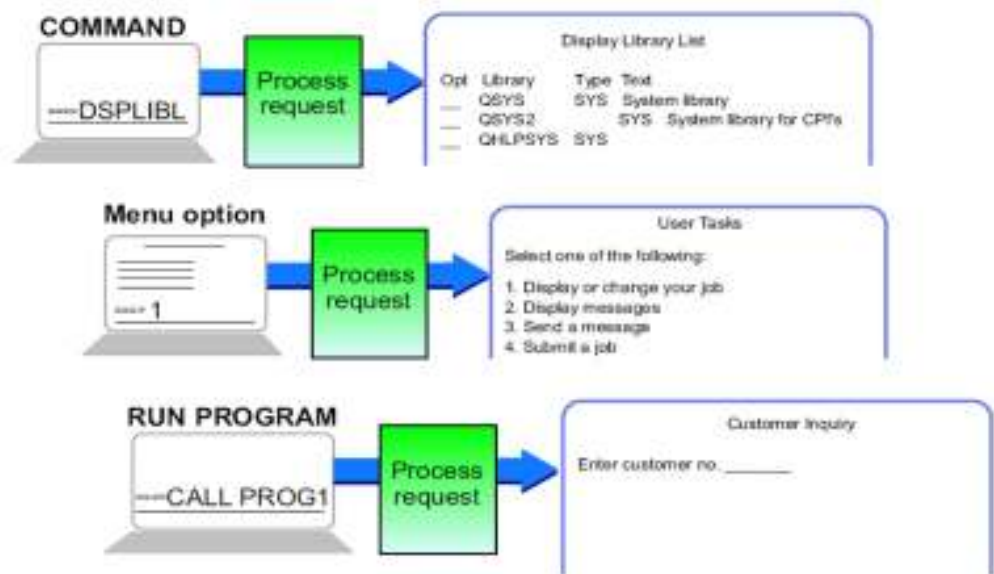


Gerenciamento de Tarefas

Unidades de Trabalho

- Todas as unidades de trabalho são conhecidas como **JOBS**
- Como se fosse um get http

```
GET /index.html HTTP/1.1
Host: mork.barnfield.ac.uk
...
HTTP/1.1 200 OK
Date: Mon, 23 Mar 2007 22:38:34 GMT
Server: Apache/1.3.27 (i5/OS)
Last-Modified: Wed, 14 Mar 2005 23:11:55 GMT
Etag: "10fag-1b6-3e1cb03b"
Accept-Ranges: bytes
Content-Length: 401
Connection: close
Content-Type: text/html; charset=UTF-8
```





Job

Qualified job name

000578

AS24xx

DSP01

Job number

User name

Job name





Job Description

Display Job Description

System: HYDRA

Job description: QDFTJOB

Library: QGPL

User profile	:	*RQD
CL syntax check	:	*NOCHK
Hold on job queue	:	*NO
End severity	:	30
Job date	:	*SYSVAL
Job switches	:	00000000
Inquiry message reply	:	*RQD
Job priority (on job queue)	:	5
Job queue	:	QBATCH
Library	:	QGPL
Output priority (on output queue)	:	5
Printer device	:	*USRPRF
Output queue	:	*USRPRF
Library	:	

More...

Press Enter to continue.

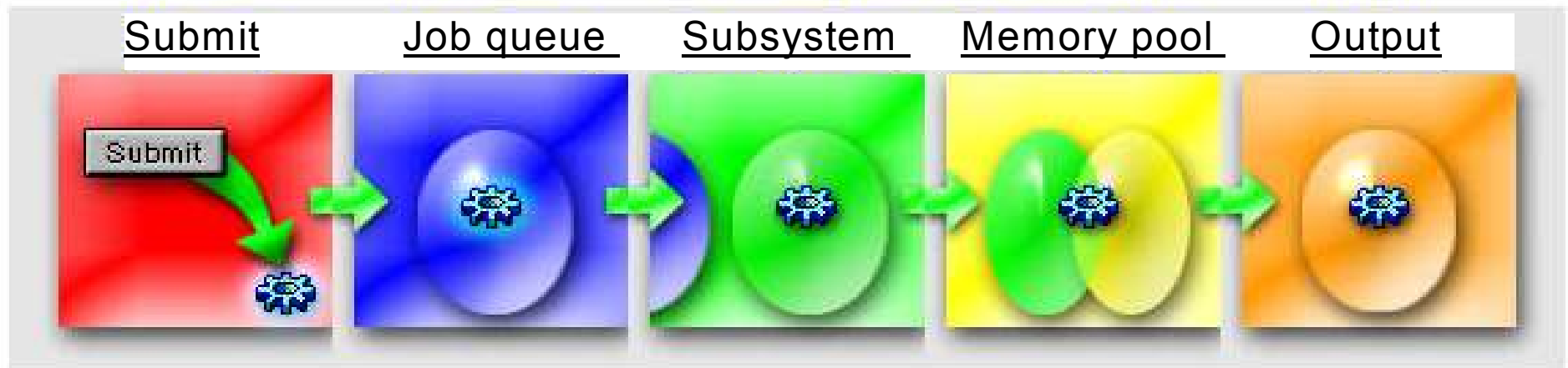
F3=Exit F12=Cancel

Message logging:

Level	:	4
Severity	:	0
Text	:	*NOLIST

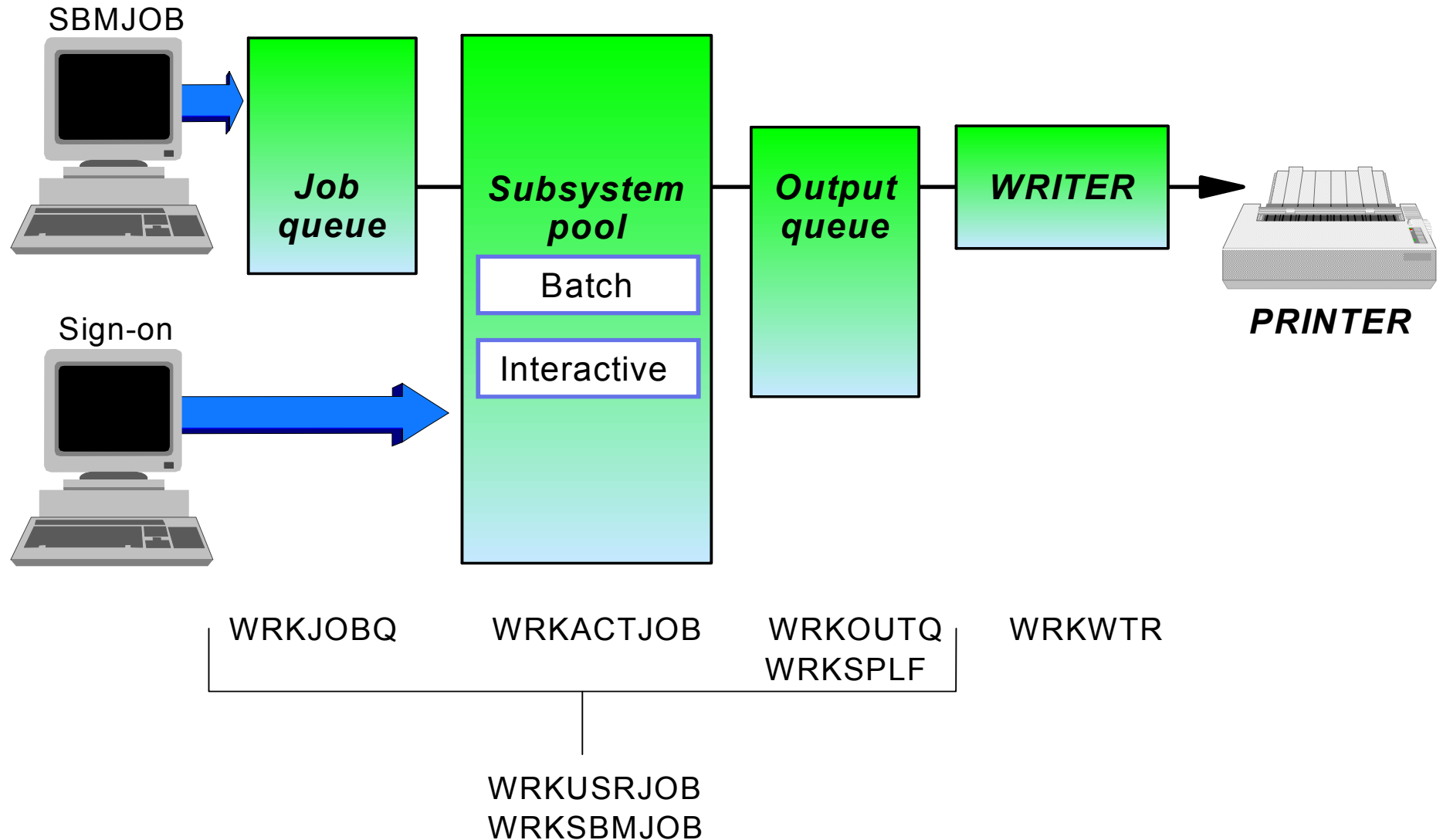


O ciclo de vida de um job





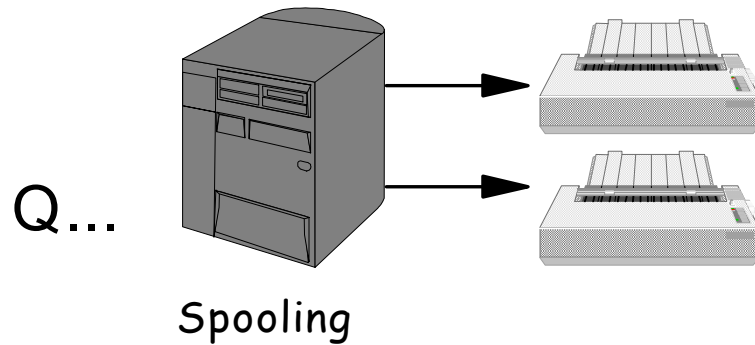
Processamento de um Job



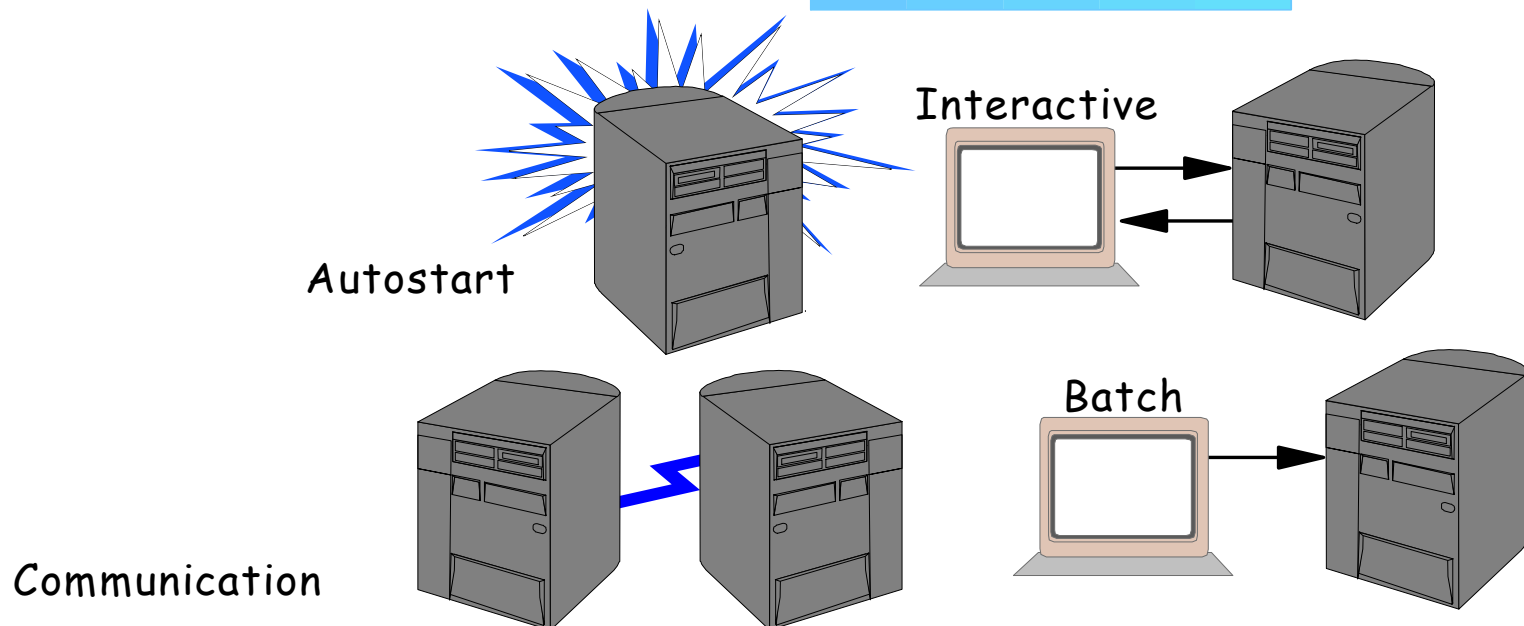


Tipos de Jobs

System jobs

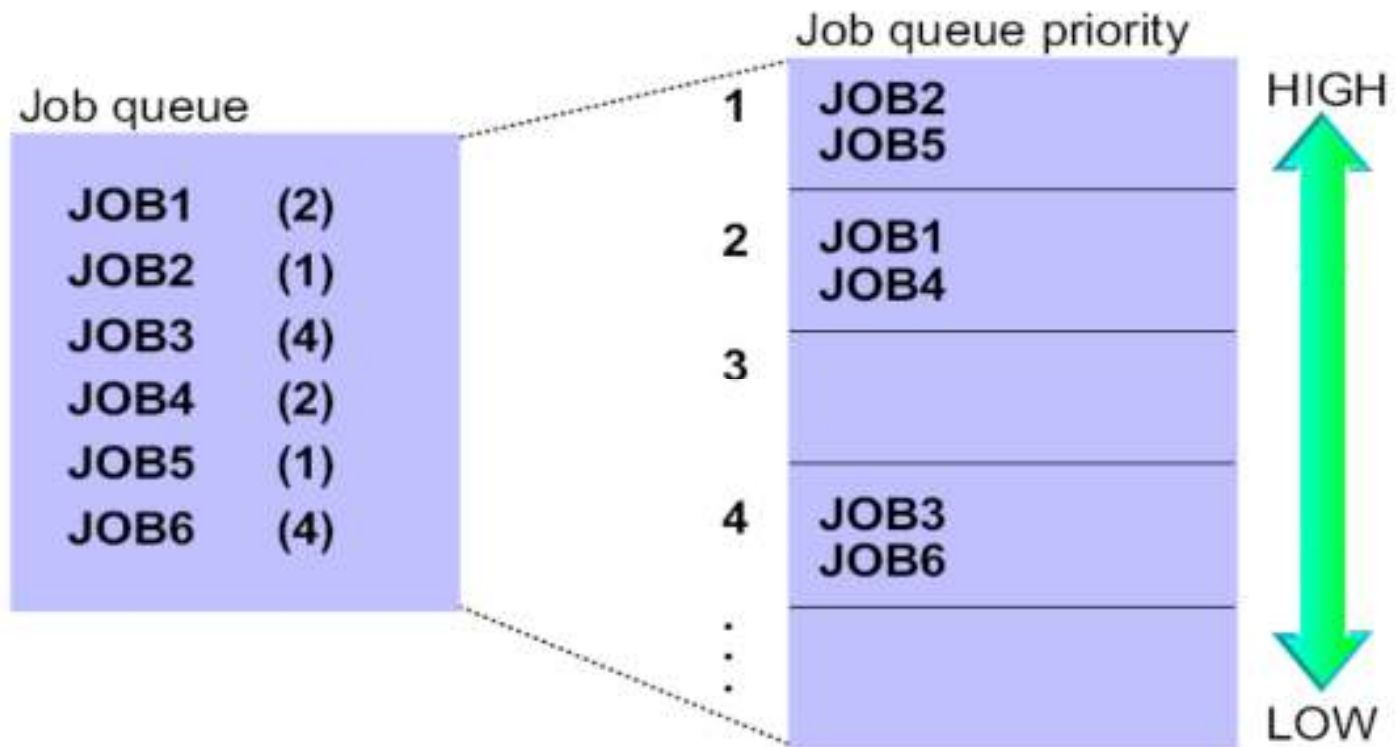


User jobs



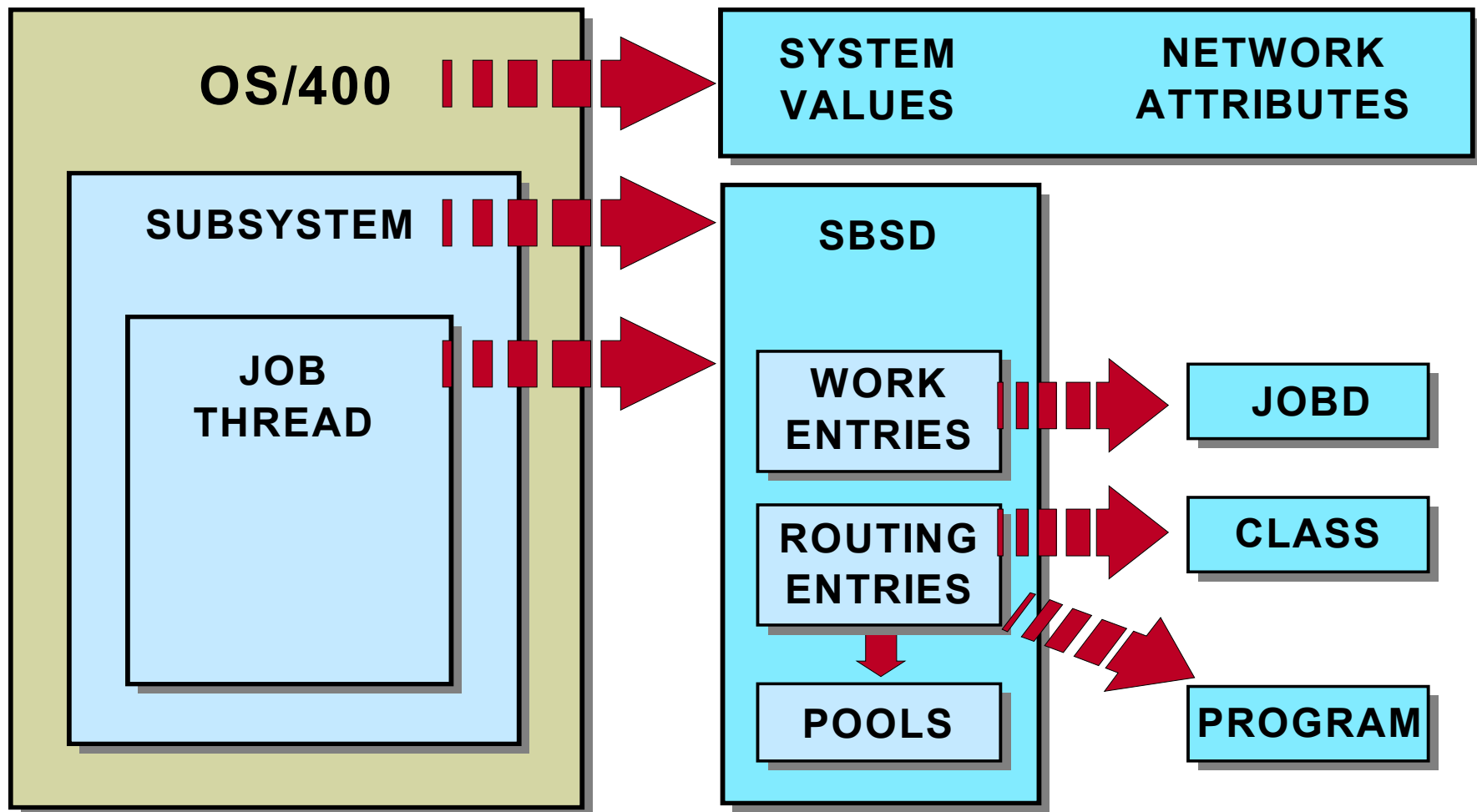


Job queue



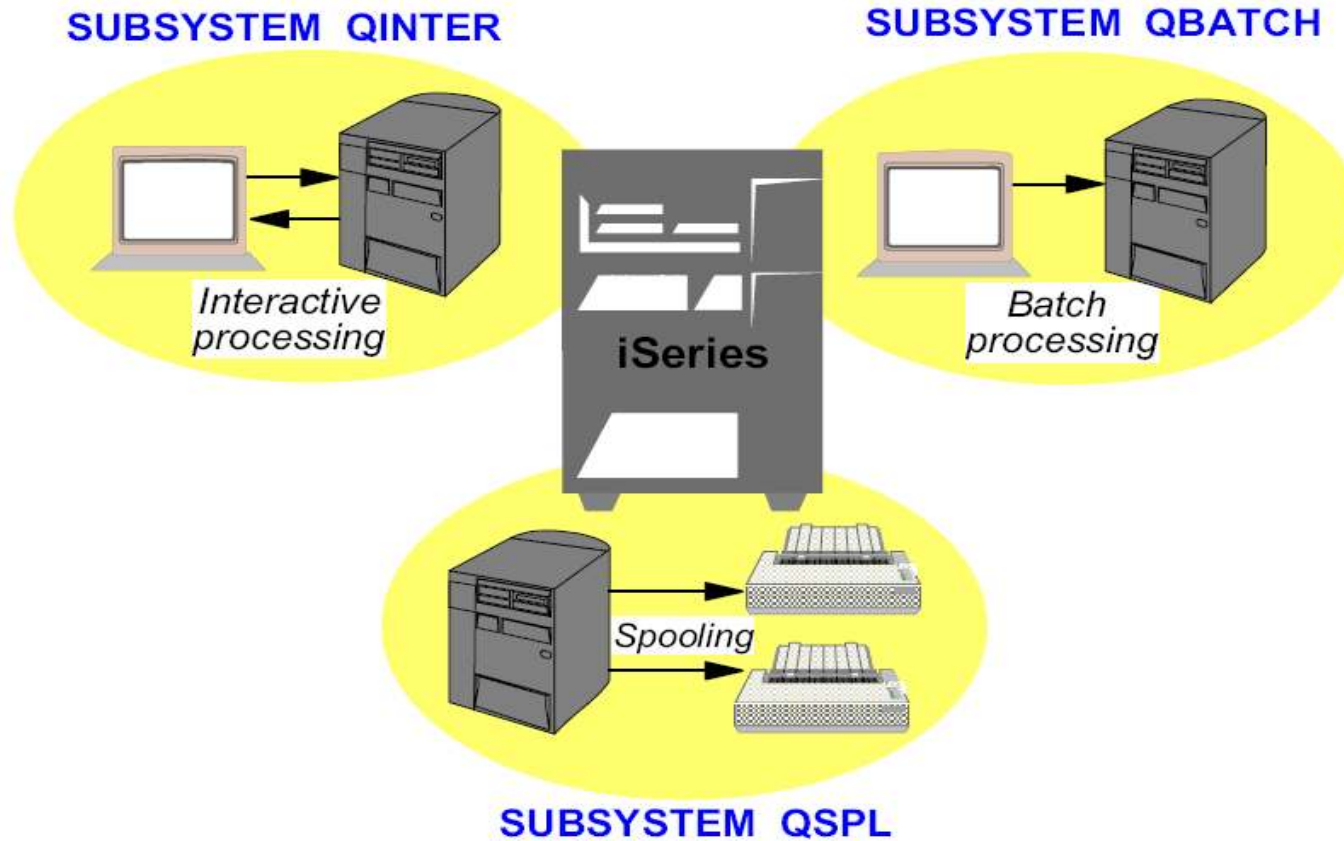


Gerenciamento de Tarefas



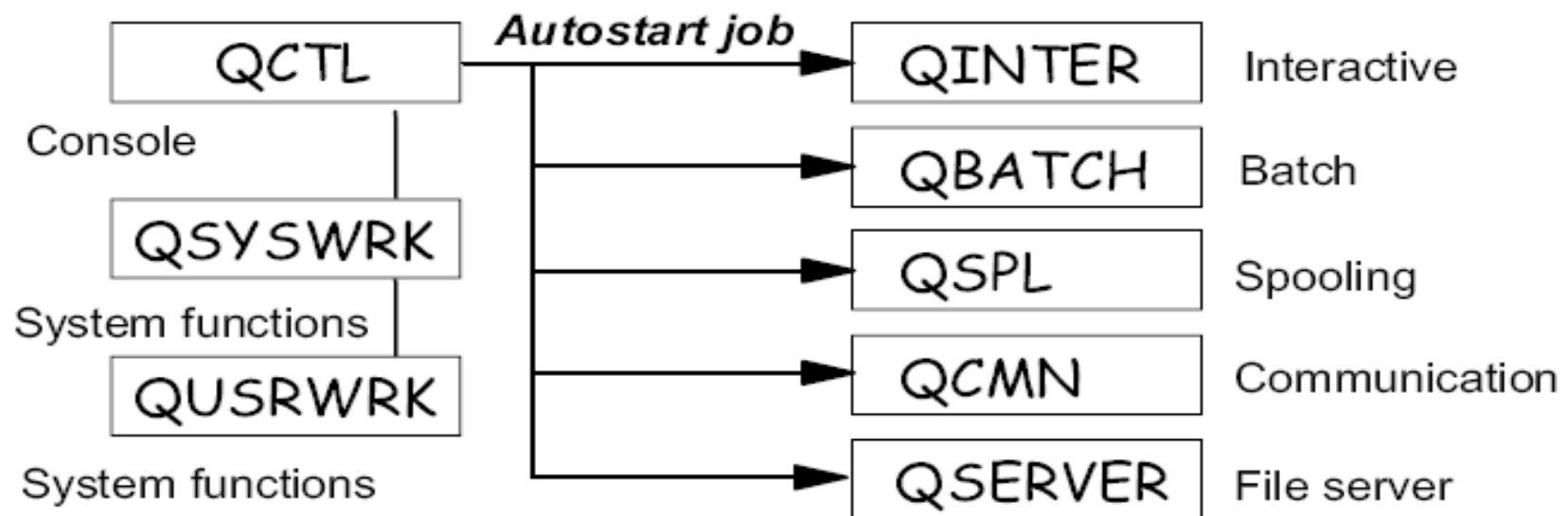


Subsistemas



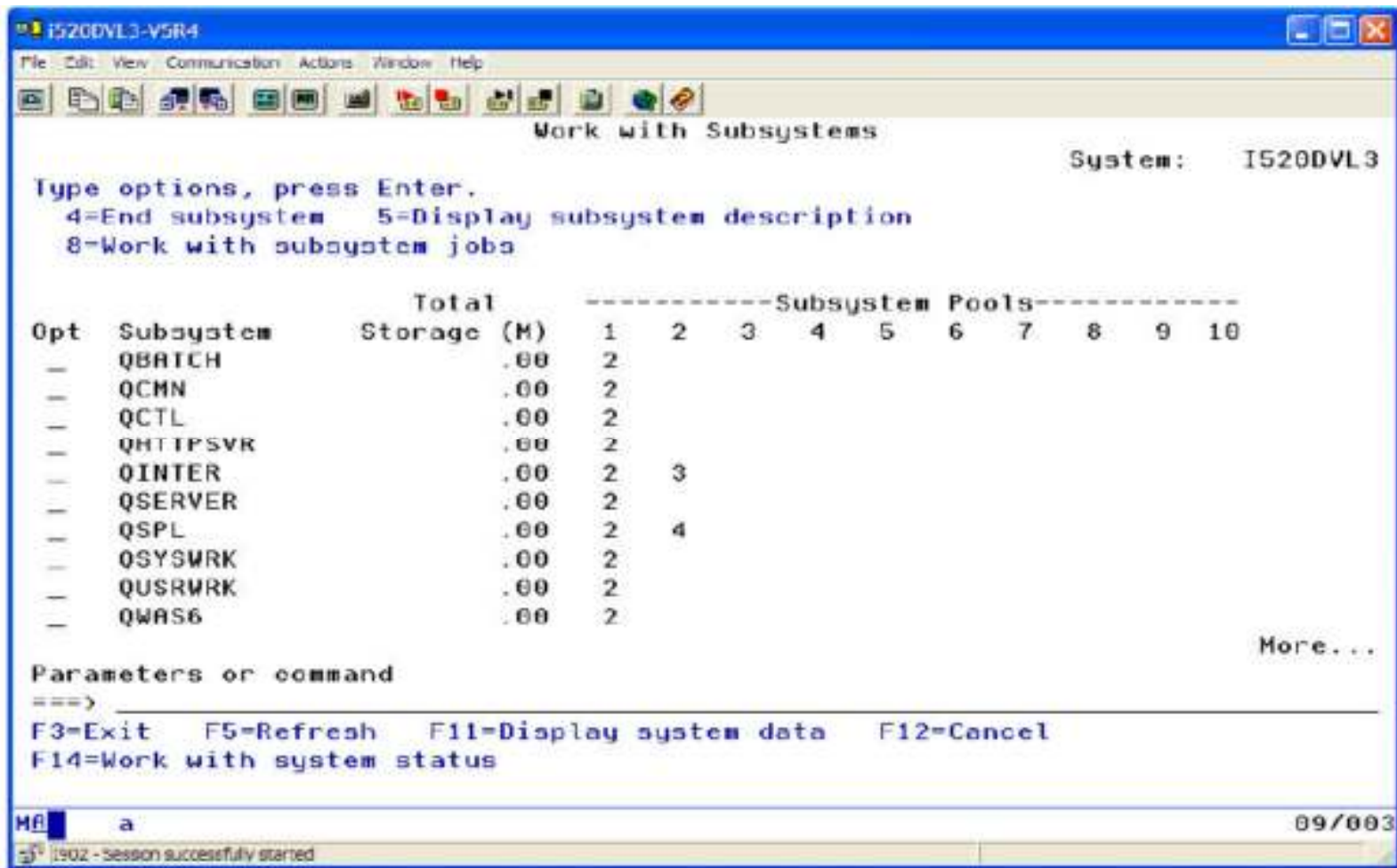


IBM fornece uma variedade de Subsystem Descriptions





Trabalhando com subsistemas



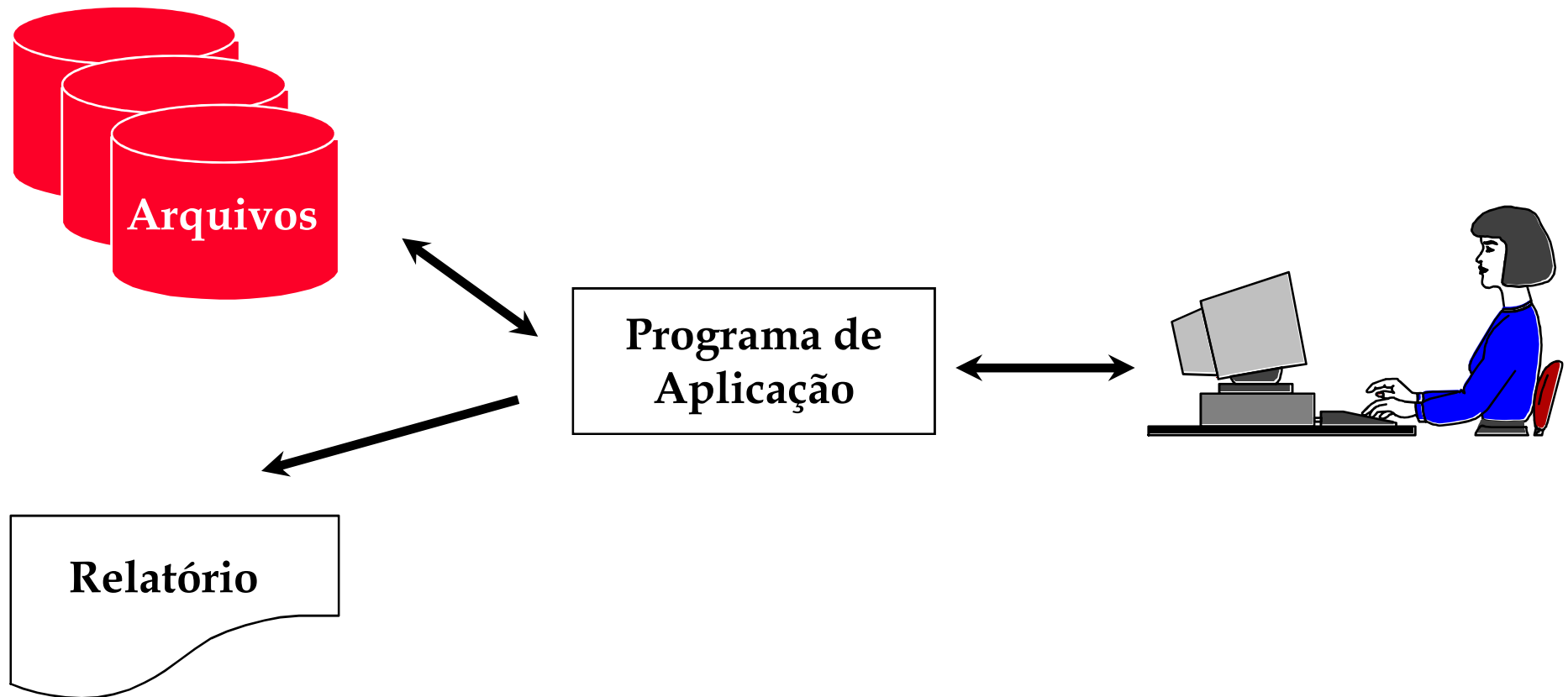
Jobs Interativos



- Processamento onde cada ação do operador causa uma resposta do programa ou do sistema
- São iniciados quando um usuário efetua um Sign On
- São encerrados através de um Signoff



Jobs Interativos



Jobs Interativos

Sign On

SYSTEM	ITAUTEC
SUBSYSTEM	QINTER
DISPLAY	DSP03

USER _____

PASSWORD _____

PROGRAM/PROCEDURE _____

MENU _____

CURRENT LIBRARY _____

MAIN AS/400 Main Menu SYSTEM: ITAUTEC

Select one of the following:

1. User Tasks
2. Office Tasks
3. General system tasks
4. Files, libraries, and folders
5. Programming
6. Communications
7. Define or change the system
8. Problem handling
9. Display a menu
10. User support and education
11. PC Support Tasks

90. Sign Off

Selection or command

====>

F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=User support
F23= Set initial menu

Sign On

SYSTEM	ITAUTEC
SUBSYSTEM	QINTER
DISPLAY	DSP03

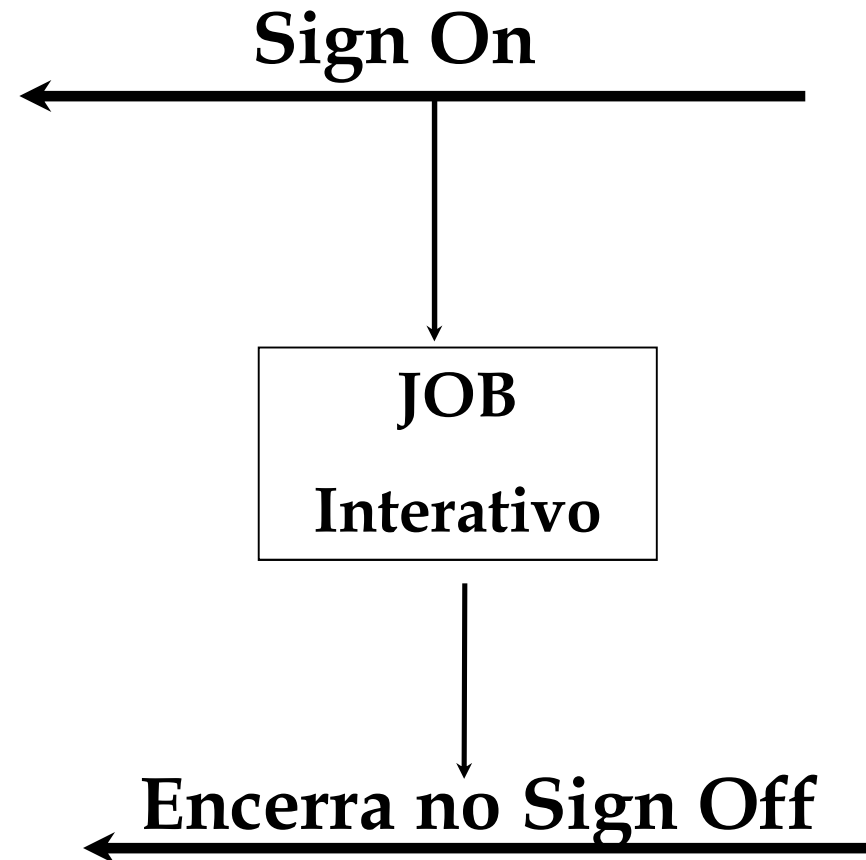
USER _____

PASSWORD _____

PROGRAM/PROCEDURE _____

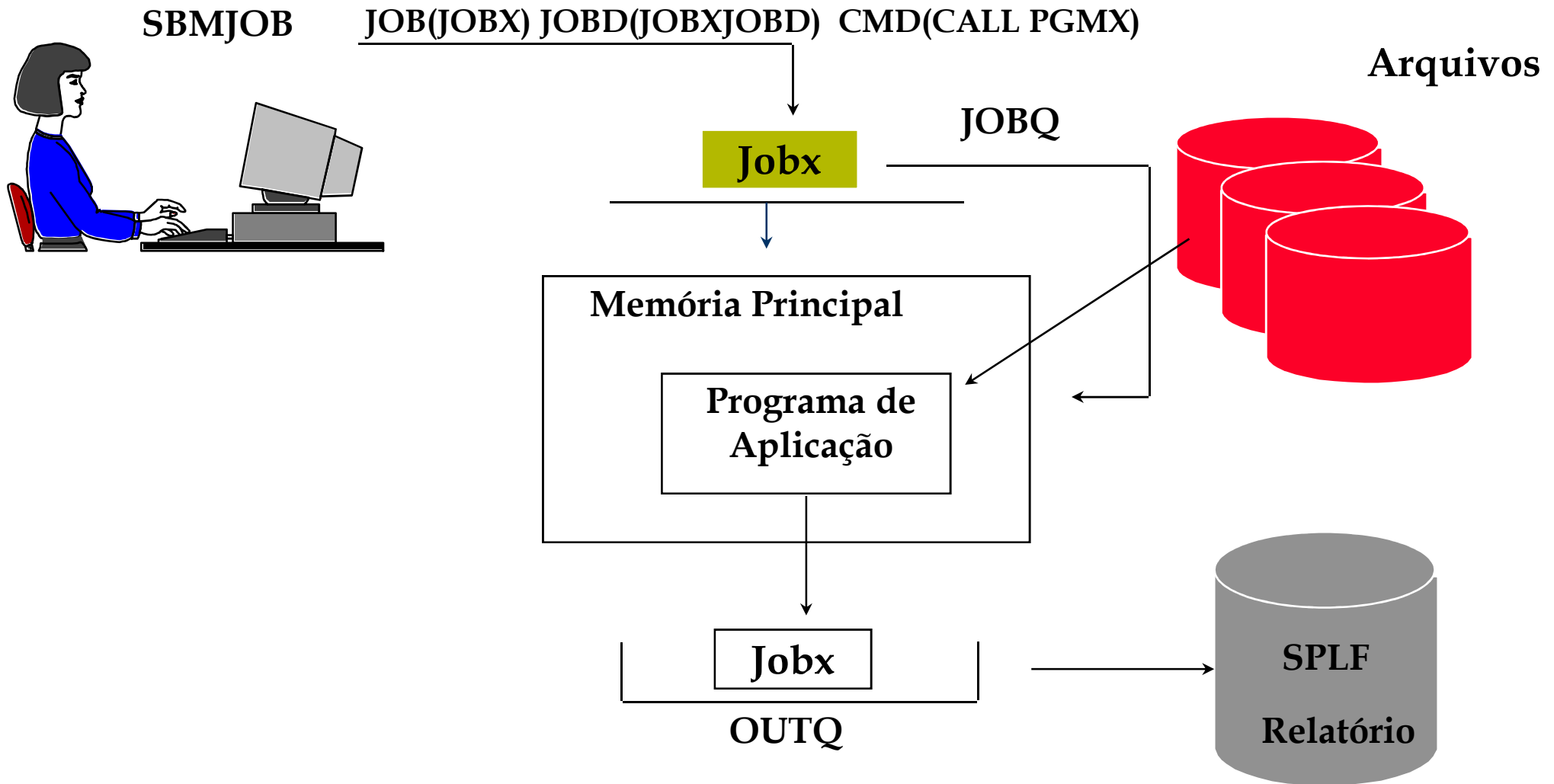
MENU _____

CURRENT LIBRARY _____





Jobs Batch





Como gerenciar tarefas ?

- Work with Active Job (WRKACTJOB)
- Work with User Job (WRKUSRJOB)
- Work with Submitted Job (WRKSBMJOB)





```

I5200VL3-V5R4
File Edit View Communication Actions Window Help
Work with Active Jobs
CPU %: .0 Elapsed time: 00:00:00 Active jobs: 267
07/02/06 17:02:22
Type options, press Enter.
2=Change 3=Hold 4=End 5=Work with 6=Release 7=Display message
8=Work with spooled files 13=Disconnect ...

Opt Subsystem/Job User Type CPU % Function Status
---
5 QINTER QSYS SBS .0 CMD-WRKACTJOB RUN
  QPADEV0002 AS2401 INT .0 DSPW
  QPADEV0003 QSYSOPR INT .0 DSPW
  QPADEV0006 AS2402 INT .0 MNU-USER DSPW
  QPADEV0007 SLOPEZ INT .0 CMD-DSPMSG DSPW
  QSERVER QSYS SBS .0 DEQW
  QPWFSERVSD QUSER BCH .0 SELW
  QPWFSERVSD QSECOFR PJ .0 DEQW
  QPWFSERVSD SLOPEZ PJ .0 DEQW
More...

Parameters or command
--->
F3=Exit F5=Refresh F7=Find F10=Restart statistics
F11=Display elapsed data F12=Cancel F23=More options F24=More keys

MA a 11/003
1902 - Session successfully started

```





Work with User Jobs

I520DVL3 07/02/06 16:53:22

Type options, press Enter.

2=Change 3=Hold 4=End 5=Work with 6=Release 7=Display message
8=Work with spooled files 13=Disconnect

Opt	Job	User	Type	-----Status-----	Function
—	QNPSEVS	QUSER	PJ	ACTIVE	
—	QNPSEVS	QUSER	PJ	ACTIVE	
—	QPADEV0002	AS2401	INTER	OUTQ	
—	QPADEV0002	AS2401	INTER	OUTQ	
—	QPADEV0002	AS2401	INTER	OUTQ	
—	QPADEV0002	AS2401	INTER	ACTIVE	CMD-WRKUSRJOB
—	QPADEV0002	SLOPEZ	INTER	OUTQ	
—	QPADEV0002	SLOPEZ	INTER	OUTQ	
—	QPADEV0002	TONIB	INTER	OUTQ	
—	QPADEV0002	TONIB	INTER	OUTQ	

More...

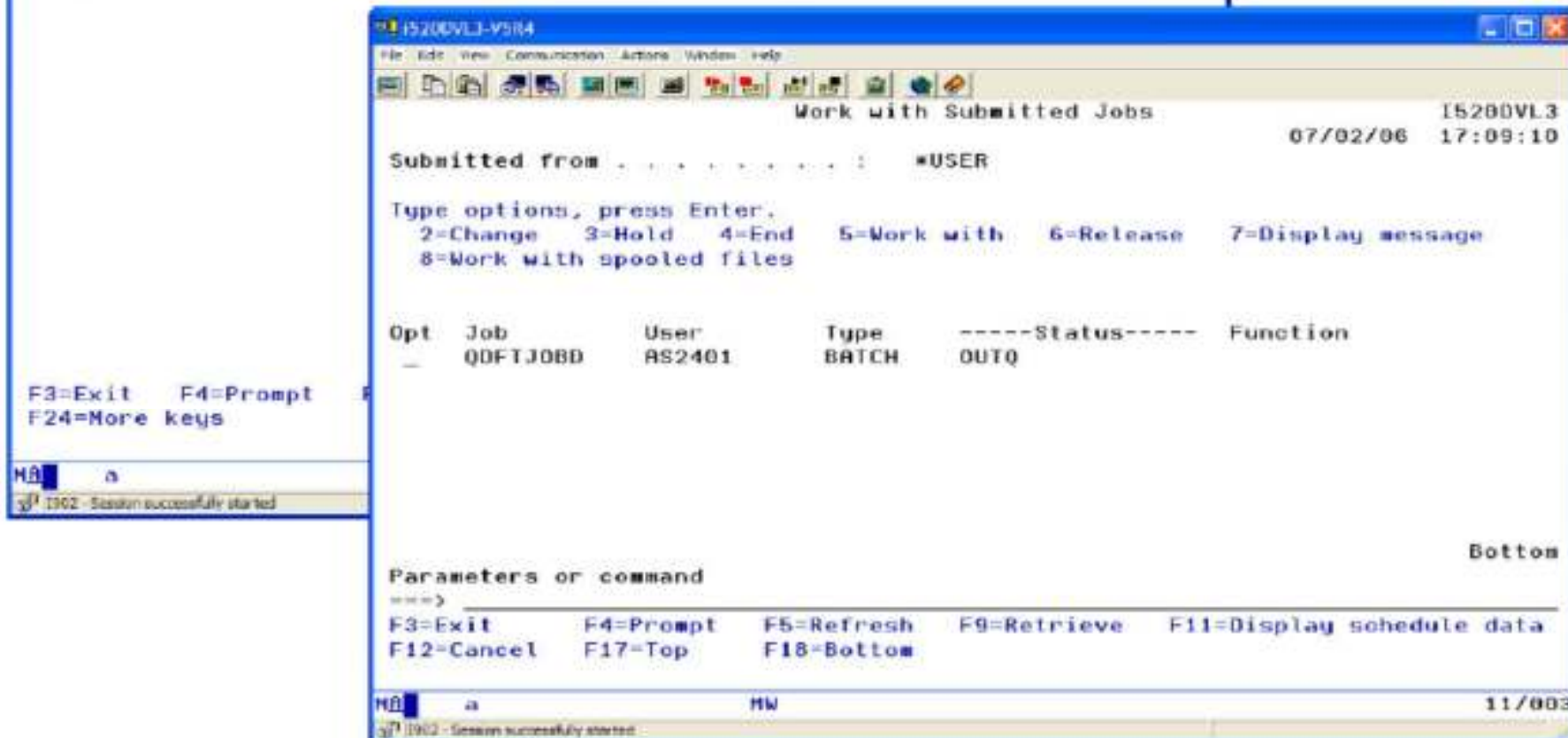
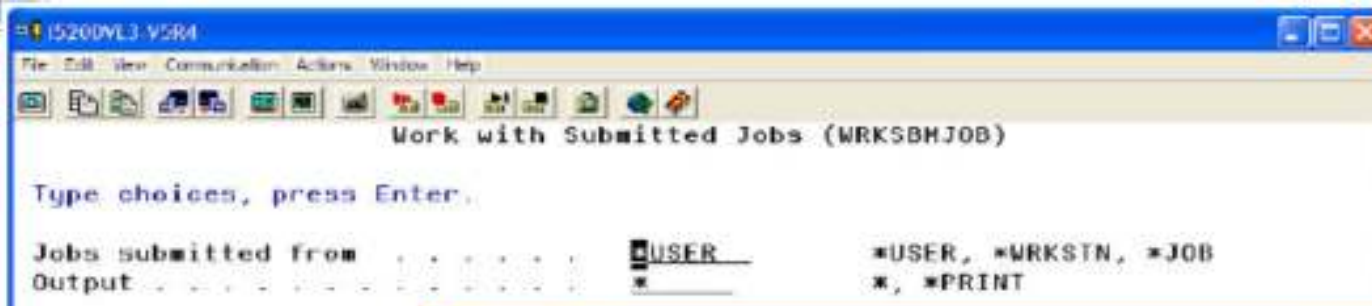
Parameters or command
==>

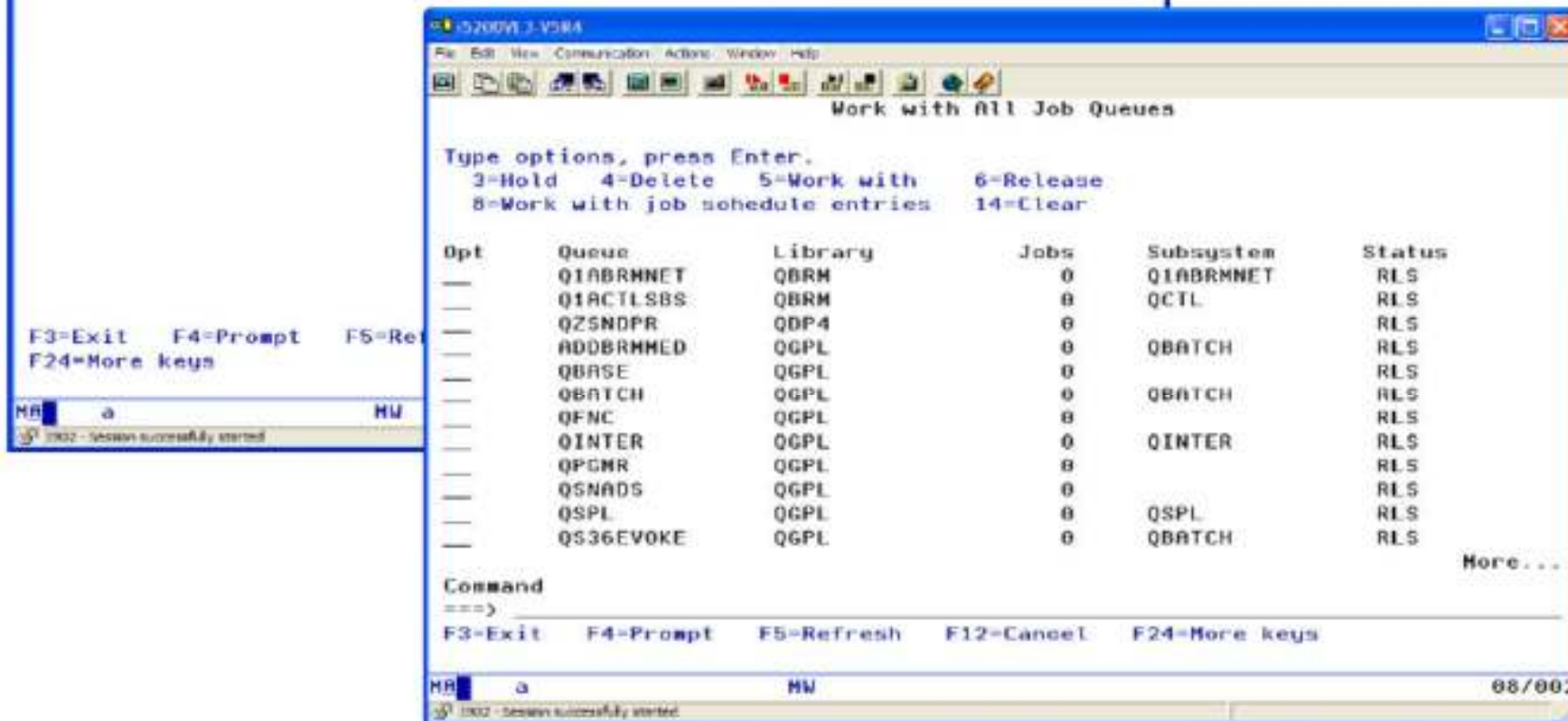
F3=Exit F4=Prompt F5=Refresh F9=Retrieve F11=Display schedule data
F12=Cancel F17=Top F18=Bottom F21=Select assistance level

MA a 09/002

I902 - Session successfully started









Gerenciamento de Saída

i520DVL3-V5R4

File Edit View Communication Actions Window Help

Work with Output Queue

Queue: OPRDUTQ Library: AS24 Status: RLS

Type options, press Enter.

1=Send 2=Change 3=Hold 4=Delete 5=Display 6=Release 7=Messages
8=Attributes 9=Work with printing status

Opt	File	User	User Data	Sts	Pages	Copies	Form Type	Pty
—	CHECKS	AS24MARIA	AS2401	RDY	4	1	CHK01	5
—	QPDSPLIB	AS2401		RDY	1	1	*STD	5
—	QPDSPLIB	AS2401		RDY	347	1	*STD	5
—	QPDSPLIB	AS2401		RDY	347	1	*STD	5
—	QPDSPJOB	QUSER	FFDC	RDY	7	1	*STD	5
—	QPDSPJOB	QUSER	FFDC	RDY	7	1	*STD	5
—	QPDSPJOB	AS2401		RDY	6	1	*STD	5
—	QPDSPJOB	QUSER	FFDC	RDY	7	1	*STD	5
—	QPDSPJOB	QUSER	FFDC	RDY	7	1	*STD	5

More...

Parameters for options 1, 2, 3 or command
==>

F3=Exit F11=View 2 F12=Cancel F20=Writers F22=Printers
F24=More keys

MA a A 17/039

i520 - Session successfully started





Trabalhando com Spool

Work with Spooled Files (WRKSPLF)

Type choices, press Enter.

Select files for:

User	...	CURRENT	Name, generic*, *CURRENT...
Print device	...	*ALL	Name, *ALL, *OUTQ
Form type	...	*ALL	Form type, *ALL, *STD
User data	...	*ALL	User data, generic*, *ALL
ASP	...	*ALL	1-32, *ALL, *ASPDEV
Spooled file	...	*ALL	Name, generic*, *ALL
Job name	...	*ALL	Name, generic*, *ALL
User	...		
Number	...		

F3=Exit F4=Prompt F5
F24=More keys

MA a

1902 - Session successfully started

Work with All Spooled Files

Type options, press Enter.

1=Send 2=Change 3=Hold 4=Delete 5=Display 6=Release 7=Messages
8=Attributes 9=Work with printing status

Opt	File	User	Device or Queue	User Data	Sts	Total Pages	Cur Page	Copy
1	QPDSPLIB	AS2401	OPROUTQ		RDY	1		1
-	QPDSPLIB	AS2401	OPROUTQ		RDY	347		1
-	QPDSPLIB	AS2401	OPROUTQ		RDY	347		1
-	QPDSPAJB	AS2401	OPROUTQ		RDY	6		1
-	QPDSPAJB	AS2401	OPROUTQ		RDY	6		1
-	QPDSPAJB	AS2401	OPROUTQ		RDY	6		1
-	QPRTLIBL	AS2401	OPROUTQ		HLD	1		2
-	QPRTLIBL	AS2401	OPROUTQ		HLD	1		2

Bottom

Parameters for options 1, 2, 3 or command
==>





Comandos - Gerenciamento de Tarefas

- WRKSYSSTS Status do Sistema
- WRKSBS Trabalhando com Subsistemas
- WRKACTJOB Trabalhando com Jobs Ativos
- WRKJOB Trabalhando com um Job
- WRKUSRJOB Trabalhando com Jobs de um usuário
- WRKSBMJOB Trabalhando com Jobs submetidos
- WRKSPLF Trabalhando com arquivos Spooled
- WRKOUTQ Trabalhando com Filas de Saída



Laboratórios

