
Chicago Interface Group, Inc.

Cloud 9 SDSF User Guide



Version 2.1

Chicago Interface Group, Inc.
858 West Armitage Avenue #286
Chicago, IL 60614 USA

Phone: (773) 524-0998
Fax: (815) 550-6088
EMAIL: support@cigi.net
WEB: www.cigi.net

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Contents

Invoking the JES2 SDSF Viewer.....	2
Listing JES2 Spool Files by Job Queue Type.....	3
Using the Action Menu Options:	4
The View Action:	4
No Data Condition:	5
The Cancel/Purge Action:.....	5
Cancel Versus Purge Actions:	7
The Hold Action:	7
The Release Action:.....	8
General Usage Issues	9
The Prefix Input Box:	9
SDSF Batch Authorization Issues:	9
Command Not Authorized Message:.....	9
The Owner Input Box:	10
Selecting and De-selecting Jobs for Action Processing:.....	10
Upper and Lower Case Considerations:	10
Explanation of Display Row Fields	11
Status Queue Row Fields:.....	11
Active Queue Row Fields:.....	12
Input Queue Row Fields:	13
Output Queue Row Fields	14
Hold Queue Row Fields.....	15

Invoking the JES2 SDSF Viewer

To invoke the SDSF Viewer, enter the Websphere ip-address:port/sdsf.htm in the Browser location. The following screen will appear.

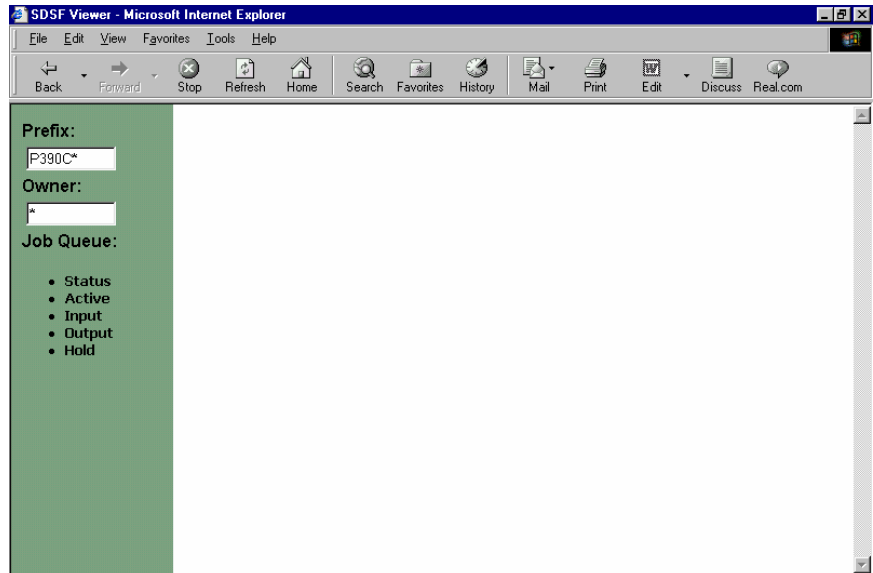


Figure 1. SDSF Viewer

Listing JES2 Spool Files by Job Queue Type

To view output, input or active JES2 files, the user must select a queue type on the menu on the left. The following is what the Status Queue List looks like.

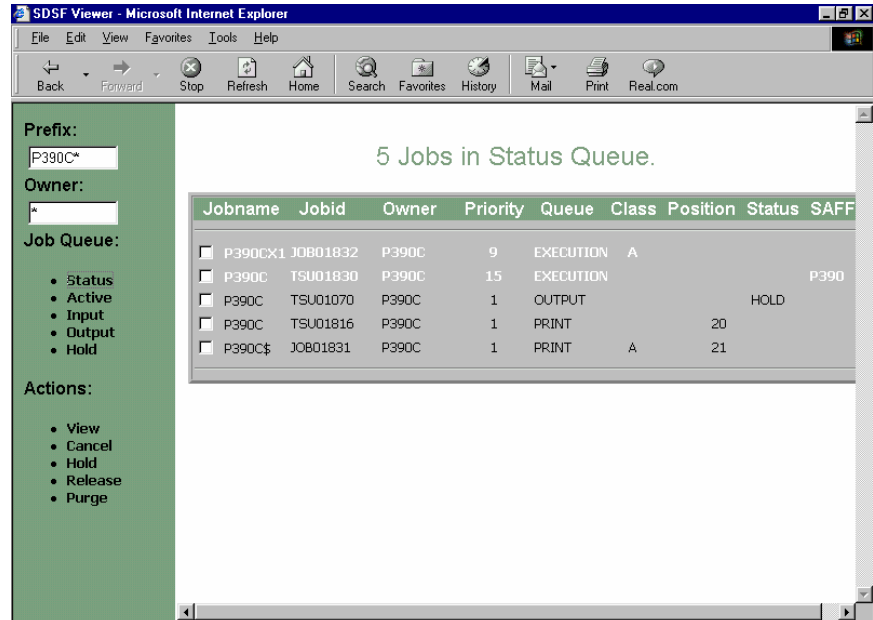


Figure 2. Result of 'Status' list request

- ❑ Status - equivalent to issuing the 'st' line command in SDSF
- ❑ Active - equal to issuing the 'da' line command in SDSF
- ❑ Input - equivalent to issuing the 'i' line command in SDSF
- ❑ Output - equivalent to issuing the 'o' line command in SDSF
- ❑ Hold - equivalent to issuing the 'h' line command in SDSF

Using the Action Menu Options:

Once a list is driven using the SDSF Viewer, users can then request actions against the resultant list. One or more files may be chosen for the action. Only one action request can be requested at one time. For instance, the user can select all of the files on the screen, but could only issue the VIEW action at one time.

The View Action:

This action allows the user to view any displayable data from SDSF to the browser screen. Each file will be displayed in its own browser window. There are no limits to the amount of data displayed or number of active windows allowed.

The following is an example of how to view all three files in the usage example.

1. Select the files to be viewed.
2. Click on the 'View' action on the left hand side menu.
3. View each output in it's own window.

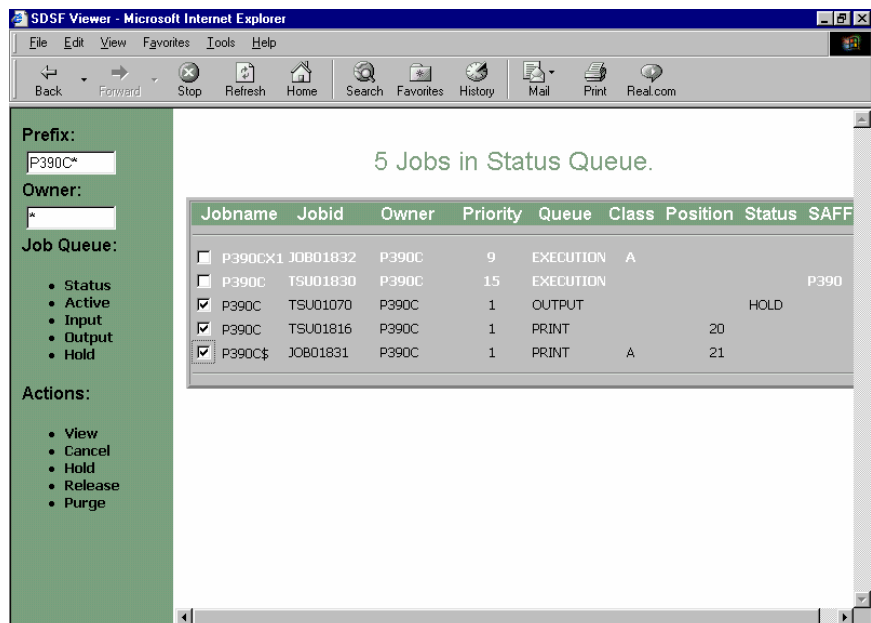


Figure 3. Selecting Jobs from List

When the job is returned, the title of the browser window will be the file name/jobnumber. In the following example, the P390C\$/JOB01831 output is displayed. There were also two other windows launched and populated.

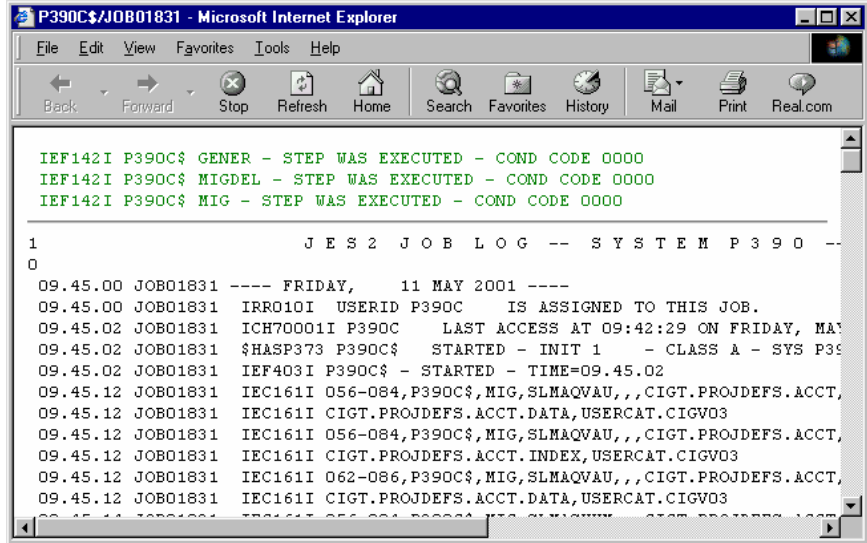


Figure 4. Browsing Outputs

No Data Condition:

The list displayed in the browser is current at the time of the request. The output may be deleted or the active task may actually end prior to an action request on the file. If the task or output file no longer exists, then the following message will be displayed.

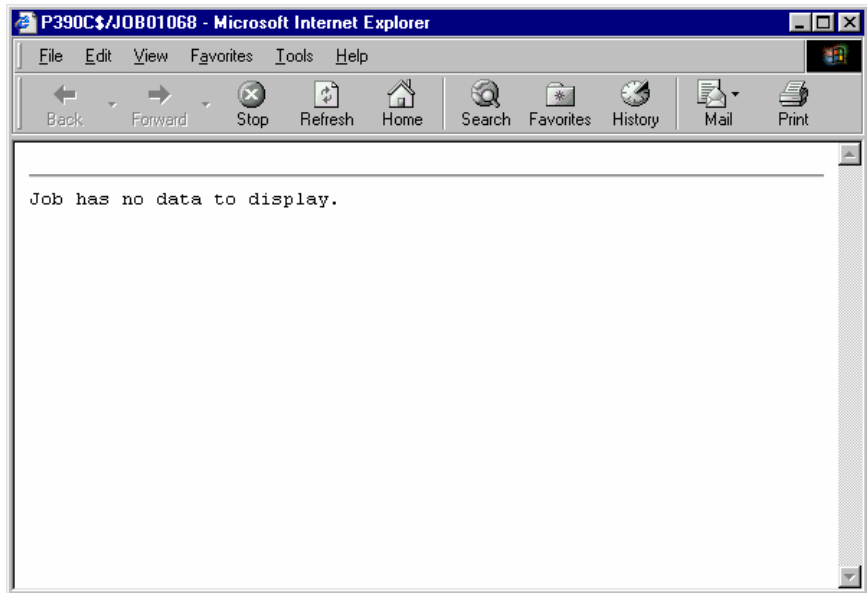


Figure 5. No Data to Display Example

The Cancel/Purge Action:

Users may select the Cancel action to purge existing output or to cancel an active task. To cancel an active task or purge an output file, first request a list of jobs. Then chose the jobs to cancel by clicking on the check box next to the entry. When one or more jobs have been selected, click on Cancel. In the following example, the user is canceling their TSO session.

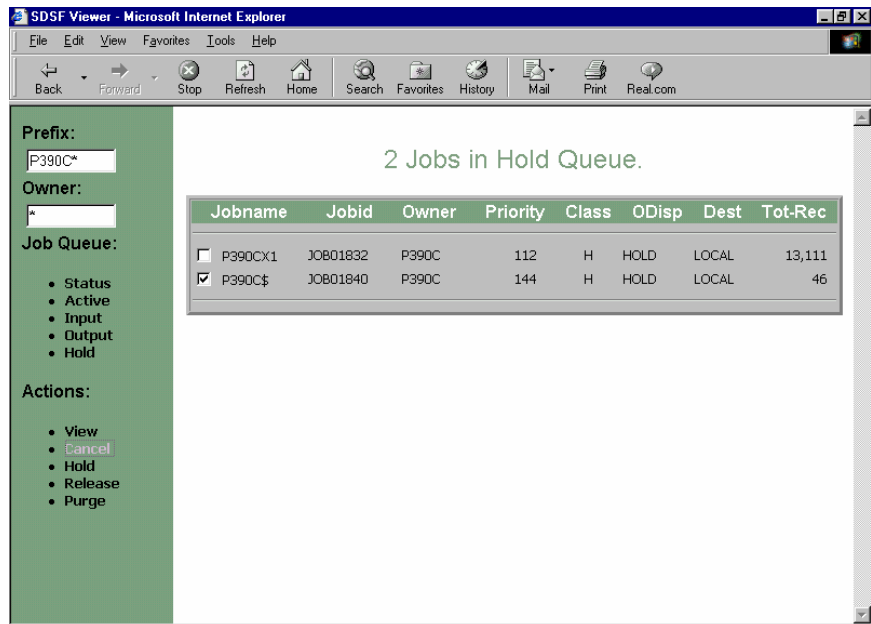


Figure 6. Cancel Request

Upon return to the browser, the updated list will reflect the canceled job as follows:

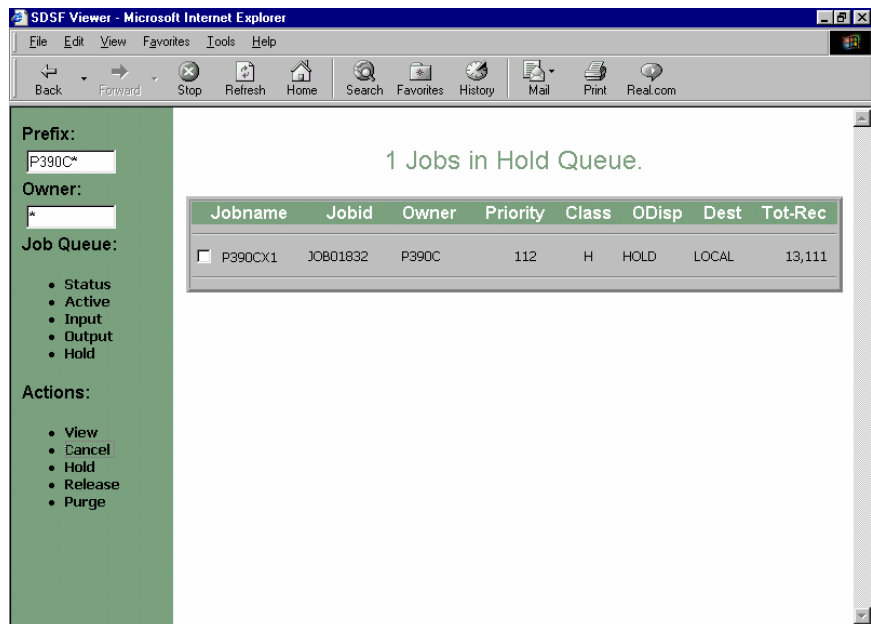


Figure 7. Post Cancel Request Display

Cancel Versus Purge Actions:

The cancel and purge actions have the same effect if requested against a non-active task. For instance if the user selects two output files and purges one but cancels the other, the effect is the same: They are both deleted from the JES2 spool.

The cancel and purge actions have different effects if requested against an active task such as a TSO session or executing batch job. If the cancel action is chosen, then task is cancelled, but any existing output will remain in the output queue. If the purge action is request, the task is canceled and all existing output is purged from the queue.

The Hold Action:

The purpose of the Hold action is to reset the status of a job to HOLD. For instance, a user may have created an output to go to class A output, only to decide that they do not want to print the file, just view it. An example of this mistake would be the creation of a dump for diagnostic purposes.

To change the status of output files, first request a list of output files. Then select one or more of the jobs in the list. Then click on the 'Hold' action to reset the output files. Output will be reset to HOLD class. You can also issue a Hold Request for Active Tasks.

The Release Action:

The purpose of the Release action is to release held output to the output queue, thus making it available to be printed.

To change the status of held output files, first request a list of Held output files. Then select one or more of the jobs in the list. Then click on the 'Release' action to reset the output files. Output will be released to the default print class.

In the example below, the output disposition (ODISP) is set to hold before the Release Action Request.

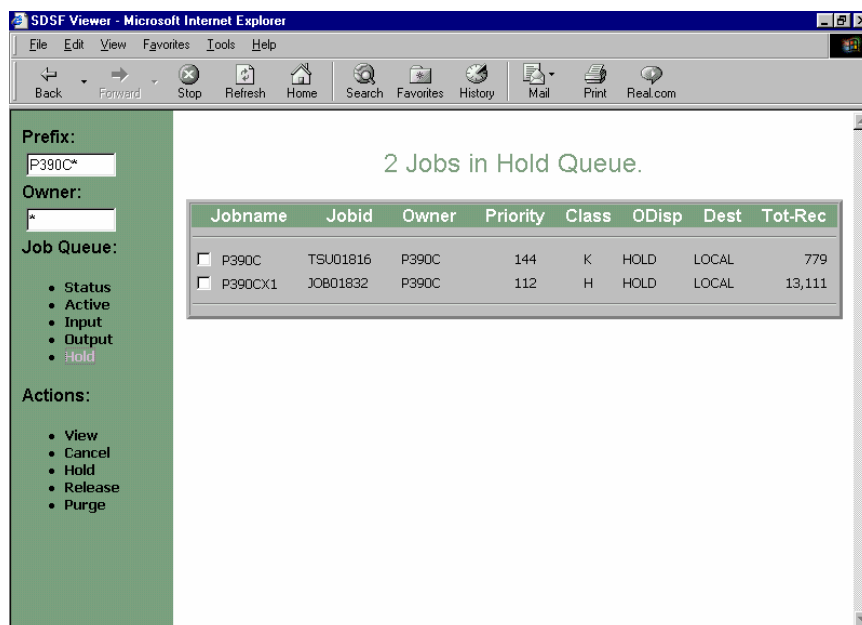


Figure 8. Release Action Request

After the release of the held file, the job should no longer show up in the hold queue, only the status or output. The following example shows that the job has been reassigned to the general output queue:

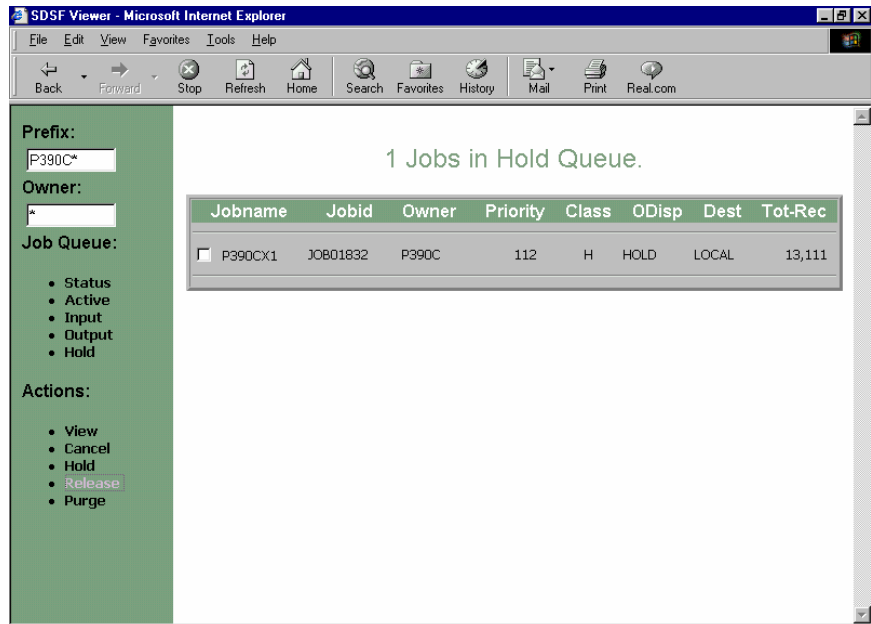


Figure 9. Release Action Result

General Usage Issues

The Prefix Input Box:

SDSF Viewer queries defaults to the userid* Prefix mask. The purpose of the Prefix Input Box is equivalent to entering the PREFIX command on the command line in native SDSF to override the default. To query using a different mask, enter the jobid mask in the Prefix Input Box. The resultant list will be filtered on the mask value.

SDSF Batch Authorization Issues:

Results will depend on the security settings of your native SDSF configuration. The default in most systems is to restrict Batch SDSF processing to the userid of the caller. Check with your SDSF administrator for more information on Batch SDSF authorizations. They will need to reference the SDSF Customization and Security Manual for Batch SDSF information.

Command Not Authorized Message:

This message is issued by SDSF when an invalid or unauthorized Prefix command is sent as a request. Please see SDSF Batch Authorization Issues above for more information regarding SDSF Batch security.

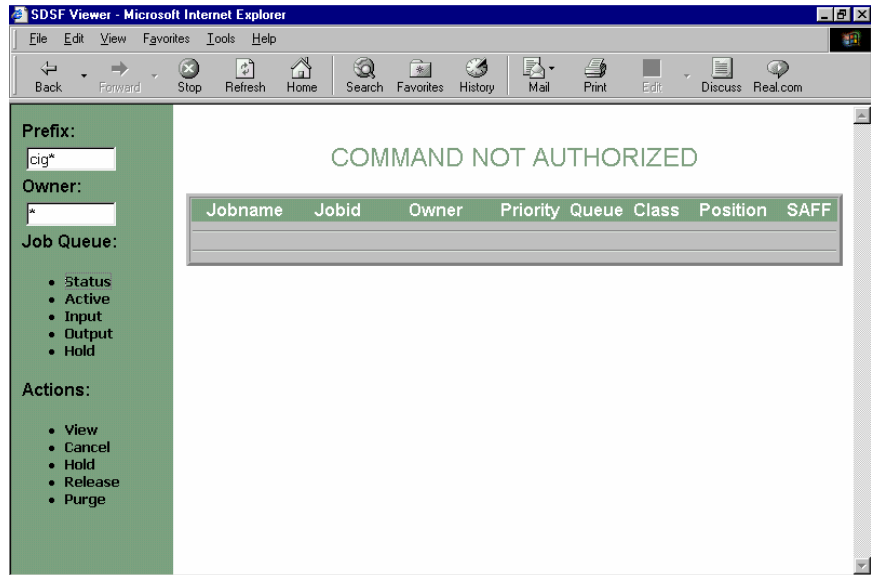


Figure 10. Command Not Authorized

The Owner Input Box:

The purpose of the Owner Input box is to change the default of owner * to a more specific value. This field corresponds to the Owner field in the job information.

Selecting and De-selecting Jobs for Action Processing:

To select a job for action processing, click on the check box next to the entry on the screen.

To de-select a job for action processing, click on the check box next to the entry on the screen. If the job was already selected, this will clear the selection check mark.

Upper and Lower Case Considerations:

There are no case considerations. All values are upper cased prior to being submitted to the Viewer.

Explanation of Display Row Fields

The following is an explanation of the purpose of each field displayed per query type. Each type of query results in a different set of the pertinent display fields.

The following figure contains an example of the Status Queue display fields.

Status Queue Row Fields:

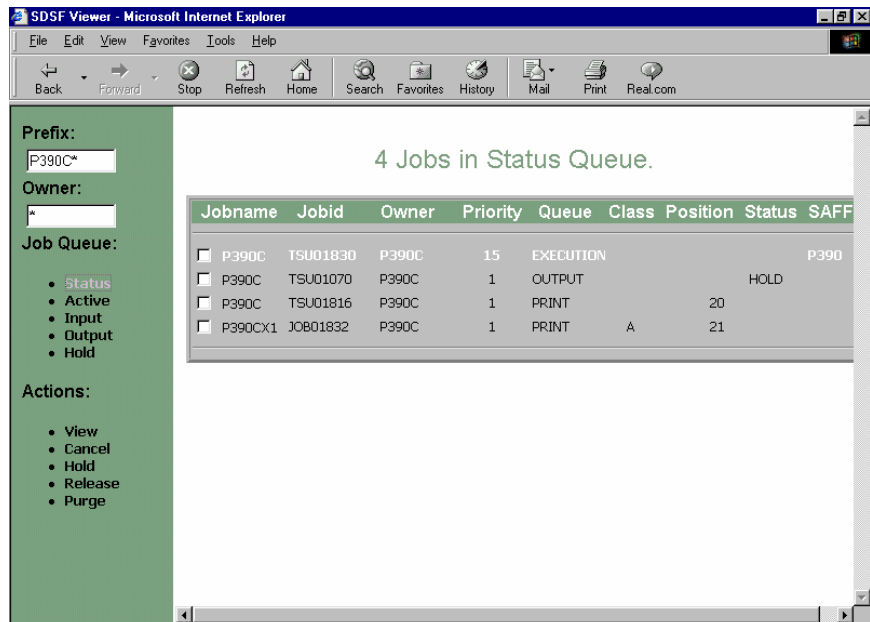


Figure 11. Status Queue Fields

Jobname	The name of the job and address space
Jobid	The number assigned from JES2
Owner	The userid that submitted the job
Priority	The JES2 input or output priority
Queue	The JES2 queue name
Class	The JES2 output class for routing/printing
Position	The position in print queue
Status	Job Status
SAFF	System id where job is running

Active Queue Row Fields:

The following figure contains an example of the Active Queue Row Fields.

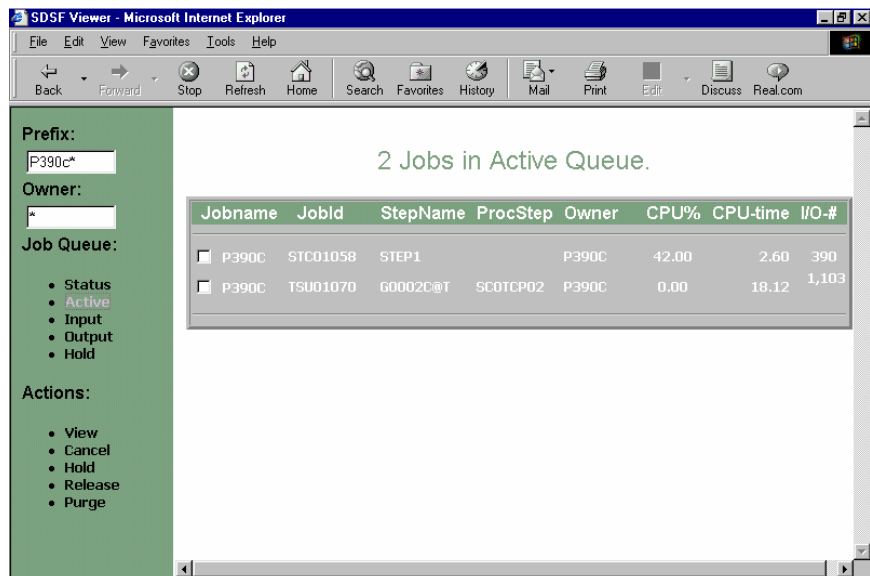


Figure 12. Active Queue Fields

Jobname	The name of the job and address space
Jobid	The number assigned from JES2
Stepname	The current step being executed
Procstep	If active, the current procedure step
Owner	The id that created the task
CPU %	The percentage of the CPU used by task
CPU Time	Number of CPU seconds used by task
IO#	Number of EXCPs used by task

Input Queue Row Fields:

The following figure contains an example of the Input Queue display.

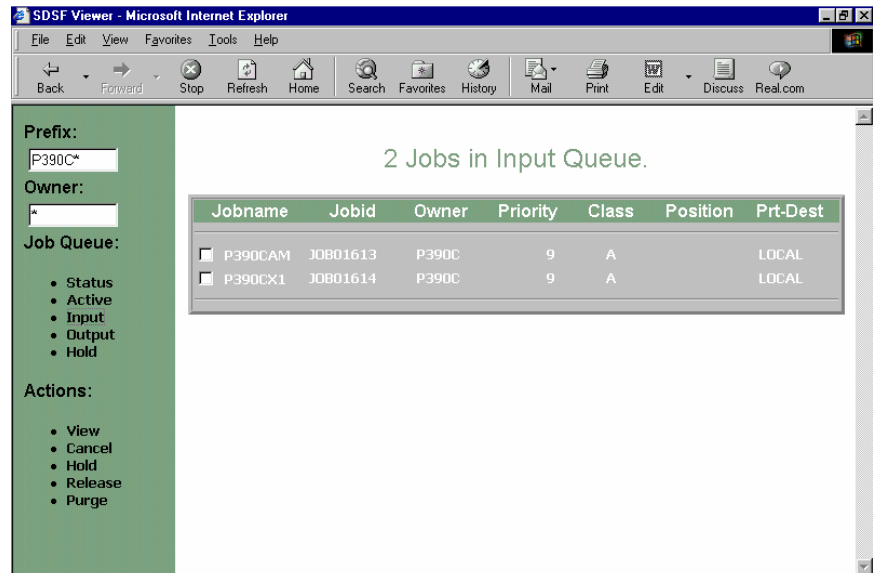


Figure 13. Input Queue Fields

Jobname	The name of the job and address space
Jobid	The number assigned from JES2
Owner	The userid that submitted the job
Priority	The JES2 input priority
Class	The JES2 input class (Initiator)
Position	The position in the input queue, if waiting
Prt-Dest	The printing destination

Output Queue Row Fields

The following figure contains an example of the Output Queue display.

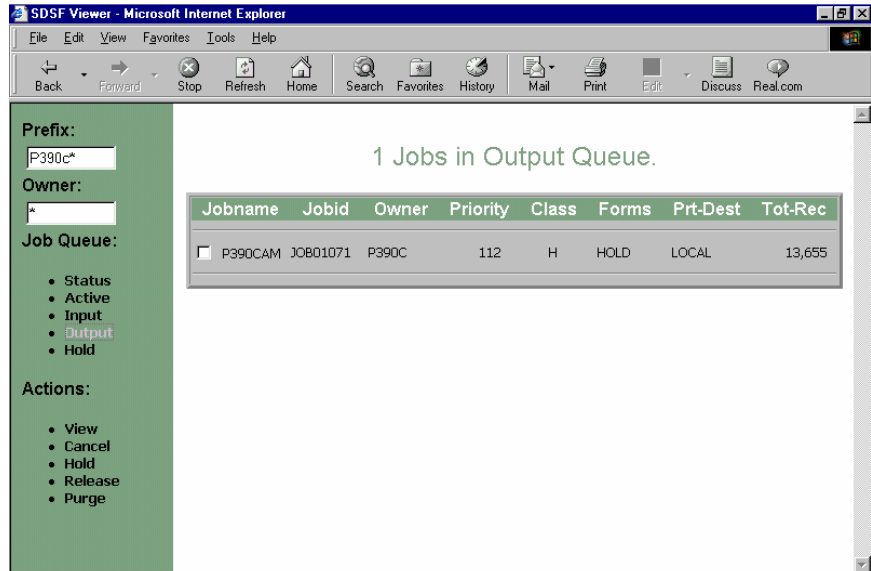


Figure 14. Output Queue Fields

Jobname	The name of the job and address space
Jobid	The number assigned from JES2
Owner	The userid that submitted the job
Priority	The JES2 output priority
Class	The JES2 output class for routing/printing
Forms	The form definition for printing
Prt-Dest	The printing destination
Tot-Rec	The size of the file

Hold Queue Row Fields

The following is an example of the Hold Queue Row Fields.

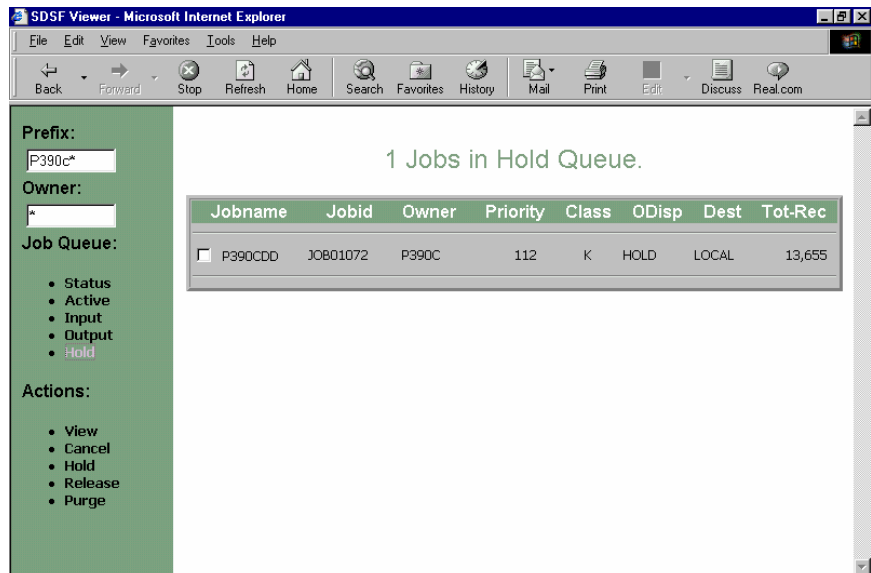


Figure 15. Hold Queue Fields

Jobname	The name of the job and address space
Jobid	The number assigned from JES2
Owner	The userid that submitted the job
Priority	The JES2 output priority
Class	The JES2 output class for routing/printing
ODisp	The current output disposition (Hold, Write, etc)
Dest	The printing destination
Tot-Rec	The size of the file