

Extracted from iNews Newsroom Computer System

Operations and Troubleshooting manual

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## Job List Commands

The following section provides a list of commands that can be used in a job list, which is created and modified in the database. The command's format and description are provided, followed by a list of servers that can utilize the command in their job lists.

`at`                    `at <hh:mm>`

Specifies the time of day when a task will take place. You can combine this instruction with the keyword `on` to specify both the day and time for the task. Applies to action and tx servers.

`bpoll`                    `bpoll <queue name> [<polling interval> [<polling duration>]]`

Works like `poll`, except it reads stories in the primary queue in reverse direction. If the polling interval and duration are not specified, a single scan of the primary queue will be done. Applies to timed-interval action and tx servers. `EEcftdft`

## Appendix A Command References

<code>bscan</code>	<code>bscan &lt;queue name&gt; [priority   all   everyentry]</code>
	Works like <code>scan</code> , except it reads stories in the scan queue in reverse chronological order, reading the newest stories first. This is convenient for very large queues. Applies to action and tx servers.
	The <code>priority</code> option forces the action/txnet server to interrupt the scan of another queue if the action/txnet server receives a mailbox notification. The <code>all</code> option forces the action/txnet server to scan the entire queue instead of the limit of 10 stories when it has more than one queue to scan. The <code>everyentry</code> option forces the server to process each entry in a queue, not just modified entries.
<code>distribution</code>	<code>distribution &lt;distribution story queue&gt; [&lt;error queue&gt;]</code>
	Specifies the queue containing the distribution story and, optionally, an error queue for stories whose distribution codes cannot be processed. Applies to distribution and parallel servers.
<code>dup</code>	<code>dup &lt;destination queue&gt; [&lt;distribution code&gt;]</code>
	Copies the stories in the scan queue to a queue you specify, optionally including a distribution code with them. Applies to action and tx servers.
<code>every</code>	<code>every &lt;dd.hh&gt;</code>
	Specifies the interval at which a task is performed. You can set this value in days and/or hours. Applies to action and tx servers.
<code>extension</code>	<code>extension &lt;file extension&gt;</code>
	Applies to tx servers. When transmitting stories using HTML format, each transmitted story has a filename composed of a hexadecimal representation of the entry's qstamp and a filename extension of <code>.html</code> . Use the <code>extension</code> command to specify a different extension. Do not include the period in the <code>&lt;file extension&gt;</code> parameter. The defined extension will also be used in place of <code>html</code> for the published file. See the <code>publish job list</code> command for more information.

`ignore`                    `ignore` [yes | no]

Including `ignore yes` in a job list that performs validation ensures the server accepts any values for the fields it is validating. The default is `ignore no`. Applies to action and tx servers.

`ignore-del`                `ignore-del`

Causes a server to take no action when a story is deleted from its scan queue. Applies to action and tx servers.



*This option is not reset for each `scan/bscan` command set. Use `send-del` to restore processing of deleted queue entries.*

`local`                    `local` <queue name>

Specifies the primary wire queue. Applies to parallel servers.

`mailto`                    `mailto` <recipient>...

Mails the story as an e-mail text message to each recipient. The list of recipients is a space-separated list. If the `sendform` option is on, the content of fields in the story is included at the start of the e-mail text message. Only fields present in the story form assigned to the story are included. Each field is identified by the label text associated with the field in the story form assigned to the story.

`move`                    `move` <destination queue> [<distribution code>]

Moves stories from the scan queue to a queue you specify, optionally adding a distribution code to them. It must be the last instruction in a job list task. Applies to action and tx servers.

`number`                    `number` <form field> <length> <error queue>

Assigns a unique number to each story as the story is processed. Specify the form field that will contain the number and the number of digits for the number. Applies to action and tx servers.

## Appendix A Command References

on `on <day> ...`

Indicates on which days of the week a time-interval task will occur. You can combine this instruction with the `at` keyword to indicate both day and time. Applies to action and tx servers.

open `open <computer> <username> [<format> [<queue name> [<story name>]]]`

Initiates a network connection to a remote system for story transfer. The `username` you specify must exist with identical passwords on both the local and remote systems. Applies to tx servers.

The `<computer>` can include a port number. The format is `host:port`. If `:port` is included in the `<computer>` parameter, the port defined by the `rxnet` service is used, if defined; otherwise, the port defined by the `FTP` service is used.

The `<username>` can specify a simple name or a name in the format `name@host`. Only the name portion is used to locally look up a password. The entire username is sent in the `FTP USER` command. This may allow connections to be made through proxy servers.

The `format`, if specified, must be one of the following: `2nsml`, `nsml`, `sep`, or `html`.

The `queue name` and `story name` are only used when the `format` is set to `HTML`. The `queue name` and `story name` are used to get the Web publishing template that controls the formatting of the story into an `HTML` page. If the `queue name` is not specified, the template is taken from the `SYSTEM.WEBFORMS` queue. The `story name` can be used to select a specific template from the queue. If not specified, the first story in the queue is used.

order `order [yes | no]`

Indicates that order changes in the scan queue should be transmitted to the remote system. For this to work correctly, the destination queue on the remote system must have its update trait turned on.

The `order` command applies to tx servers and action servers. For action servers, the order of the scan queue is propagated to each of the `dup`, `move`, and `replace` command destination queues. Specifying order without `yes` or `no` is the same as `order yes`.

```
poll <queue name> [<polling interval> [<polling
duration>]]
```

Reads stories in the specified primary queue in a forward direction at certain intervals for a specified duration. Polling is used in conjunction with the `put` or `dup` commands for rundown mirroring. Stories with modified times greater than the time of the last scan are processed. If an interval and duration are not specified, a single scan of the primary queue will be done. Applies to timed-interval action and tx servers. See Chapter 13 of the *iNEWS Newsroom Computer System Setup and Configuration Manual* for more information.

```
publish [no|yes]
```

When placed following a `scan` or `bscan` line, the txnet publishing option, `publish no`, disables appending information to the `PUBLISHED.HTML` file on the remote system when using HTML export. The default is set to `yes`. Applies to tx servers.

```
put [<queue name>]
```

Sends stories over a Tx link to a specified queue on the remote system. Applies to tx servers.

The `<queue name>` parameter is optional. When it is not included, the story is put into the default destination queue of the user on the remote system.

```
quiet [no|yes]
```

Including `quiet no` in a job list that performs validation sends a message whenever the server successfully validates a story. The default, `quiet yes`, means a message is sent only when a story fails validation. Applies to action and tx servers.

## Appendix A Command References

`remote`                    `remote <queue name>`

Identifies the secondary wire queue. Applies to parallel wire servers.

`remove`                    `remove`

Deletes stories from the scan queue. It must be the last instruction in a job list task. Applies to action and tx servers.

`replace`                    `replace <destination queue name> [<distribution code>]`

Works like the `dup` command, except that it updates stories in the destination queue only when they are already present in the destination queue. It does not add new stories to the destination queue. Applies to action and tx servers.

`scan`                        `scan <queue name> [priority | all | everyentry]`

Specifies the queue monitored by this task. The scan line must come before any instructions that manipulate stories in the queue, like `dup` or `move`. Ten stories are scanned at a time from each scan queue; adding `priority` to a scan line means all new or modified stories in that queue are scanned at once. The queue identified in the `scan` command as the `priority` queue is always the next queue in the multiple-scan job list, so if it is idle, other queues are processed. The system checks after every queue to see if new stories are ready for processing on the queue identified in the `scan` command. Applies to the action and tx servers.

The `priority` option forces the server to interrupt the scan of another queue if the server receives a mailbox notification. The `all` option forces the server to scan the entire queue instead of the limit of 10 stories when there are multiple queues to scan. The `everyentry` option forces the server to process each entry in a queue, not just modified entries.



*Deleted entries are still controlled by the `send-del` option.*

<code>send-del</code>	<code>send-del</code>  Instructs the server to process story deletions in the scan queue; this is the default behavior. Use <code>ignore-del</code> to have the server take no action when a story is deleted from a scan queue. Applies to action and tx servers.
<code>sendform</code>	<code>sendform</code>  Instructs the Tx link to transmit the full form text of each story, rather than just the story's form name. Applies to tx servers.
<code>source</code>	<code>source &lt;queue name&gt;</code>  Specifies a queue that a distribution or keyword server should check each time it wakes up. Each task in a job list for such a server must begin with a <code>source</code> line. Applies to the distribution and keyword servers.
<code>validate</code>	<code>validate &lt;validation queue&gt; &lt;error queue&gt;</code>  Activates form field validation for a server. It must include the queue name containing the validation story and an error queue for stories that cannot be validated. Applies to action and tx servers.