

# Overview of Nanny

nanny ensures that all jobs needed for the successful function of ClustrixDB are running.

- The nanny process is launched automatically by the system init process.
- The set of jobs to be run by nanny is initially configured via `/opt/clustrix/etc/nanny.conf`
- All jobs for which nanny is responsible are designed to run indefinitely.
- If any of nanny's monitored jobs stop for any reason, nanny will immediately attempt to restart it.
- nanny allows stopping and starting of the jobs it controls via the [clx utility](#) or the nanny port (2424) .

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## Jobs Controlled by nanny

The following jobs are kept running by nanny:

Job Name	Description
krobix	Main ClustrixDB process. <ul style="list-style-type: none"><li>• Located at <code>/opt/clustrix/bin/clxnode</code></li><li>• Logs to <code>/data/clustrix/log/clustrix.log</code> (location configurable)</li></ul> Activates: <ul style="list-style-type: none"><li>• control port (2048)</li><li>• mysql port (3306)</li><li>• health mon port (3581)</li></ul>
statd	Clustrix Statistics Collection Script: Regularly collects and aggregates statistics for the UI or other management interfaces. See <a href="#">Monitoring Your Cluster Using statd</a> . Actively run on one node in the cluster and other nodes are on standby in the event that node fails.
alerter	Monitors cluster and sends email per configuration. See <a href="#">Database Alerts</a> . Active on all nodes.
clxdbi	Interface required by the ClustrixDB Graphical User Interface (clxgui).
clxgui	<a href="#">ClustrixGUI Administration UI</a> . Facilitates web-based cluster management.

## nanny Commands

To run the nanny command of the clx utility, use the following syntax. The `clx` utility is located at `/opt/clustrix/bin`

```
shell> clx [options] nanny nanny_command [job_name]
```

This is a list of all the nanny commands available.

nanny_command	Description
add_job	Add a new job.
change_job	Change an existing job.
del_job	Delete a configured job.
help	List available commands.
show_job	Display information about a specific job.

show_jobs	List all configured jobs and their status.
start_job	Start a stopped job.
stop_job	Stop a running job.
version	Display the node version.