Supervisor Configuration for Laravel Queue Worker

The following document outlines the steps required to set up a Laravel queue worker with Supervisor.

# 1. Install Supervisor (if not installed):

Make sure Supervisor is installed using the following command:  
  
sudo apt-get install supervisor

# 2. Navigate to Supervisor configuration directory:

Navigate to the Supervisor configuration directory:  
  
cd /etc/supervisor/

# 3. Go to conf.d directory (for custom configuration):

Move to the conf.d directory where Supervisor's custom configurations are stored:  
  
cd conf.d/

# 4. Create or edit the queue worker configuration file:

Create a configuration file for your Laravel queue worker. You can name the file queue-worker.conf:  
  
sudo nano queue-worker.conf

# 5. Add the configuration for the queue worker:

In the queue-worker.conf file, write the following configuration:  
  
[program:queue-worker]  
process\_name=%(program\_name)s\_%(process\_num)02d  
command=php /var/www/html/utkalmail/artisan queue:listen  
autostart=true  
autorestart=true  
user=root  
numprocs=1  
redirect\_stderr=true  
stdout\_logfile=/var/www/html/utkalmail/public/worker.log

# 6. Reread Supervisor configuration:

After saving the configuration file, reread the Supervisor configuration to load the new settings:  
  
sudo supervisorctl reread

# 7. Update Supervisor to apply the configuration:

Update Supervisor to apply the new configuration:  
  
sudo supervisorctl update

# 8. Start the queue worker process:

Optionally, you can start the queue worker process manually using the following command:  
  
sudo supervisorctl start queue-worker:\*

# Final Notes:

1. If you need to stop the worker, you can use:  
  
sudo supervisorctl stop queue-worker:\*  
  
2. For production environments, it's recommended to use queue:work instead of queue:listen for better performance.  
  
Example:  
command=php /var/www/html/utkalmail/artisan queue:work --tries=3