

# Archiving Low Level Design - SafeRide

Team: #0000FF Thunder  
An Ta  
Andy Lee  
Leon Chen  
Orion Tang (Team Leader)

Date Issued:  
December 13th, 2021

# Archiving Overview

## Purpose

The purpose of archiving is to offload data from the data store in order to both free up space in the data store by removing old log messages, and to keep these logs around in the case they are needed.

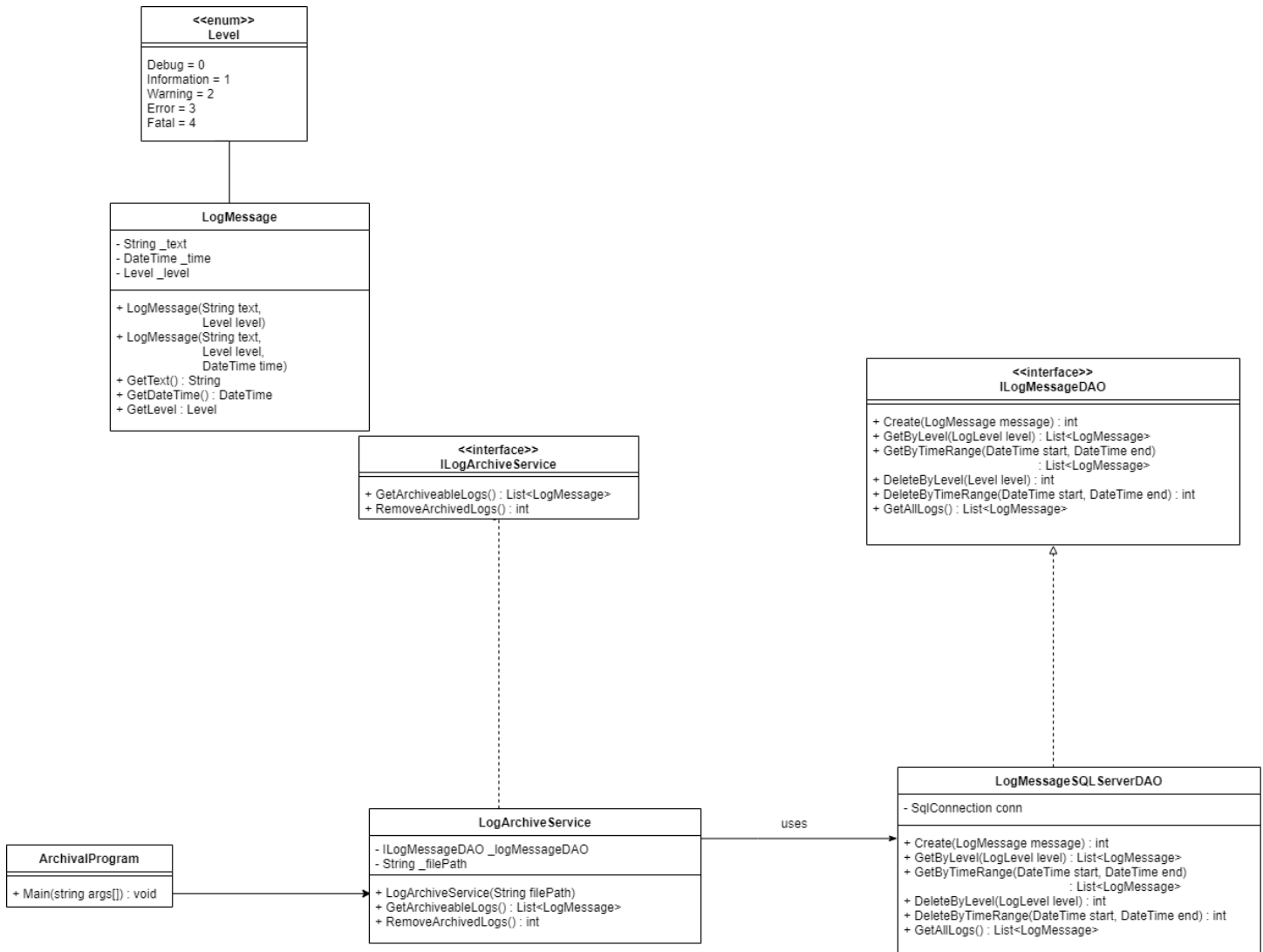
On the first of every month at midnight local time, logs older than 30 days are to be archived.

## Dependencies

- Must have a database set up with a valid connection string and tables for “Logs” exists
  - SQL Server 2019 Express will be used for this application
- Access to command line to make use of Windows task scheduler. The ArchivalProgram.cs file will be set to run on the first of every month at midnight.

# Archiving - UML

[Link to draw.io diagram](#)



# Archiving - Sequence Diagram

[Link to draw.io diagram](#)

Sequence Diagram:  
Archiving Logs

