



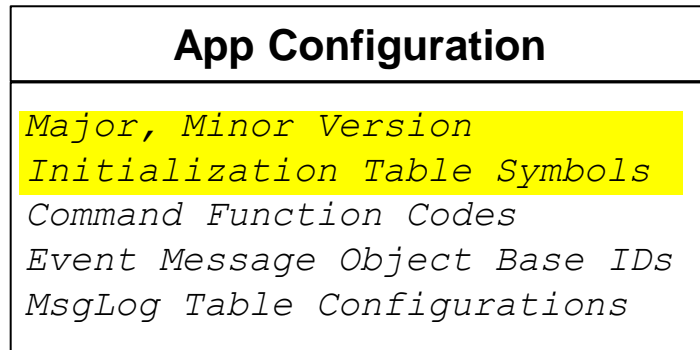
Lesson 5 Objectives & Highlights



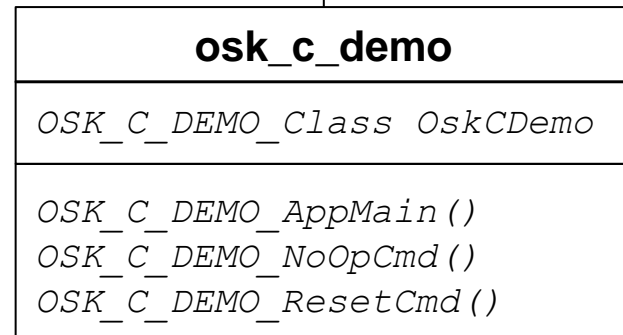
- **Illustrate an App Object generating its own telemetry packet**
- **Add playback functionality to MsgLog**
- **Illustrate the object-based application modularity**
 - Only `app_cfg.h`, `msglog.h` and `msglog.c` need to be modified

Lesson 5 Design Highlights

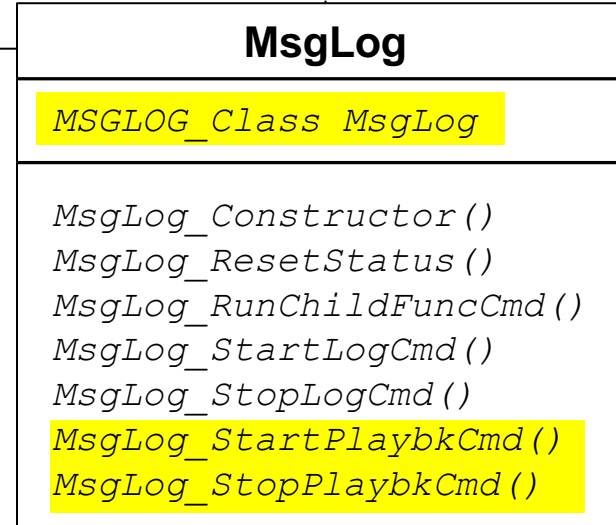
app_cfg.h



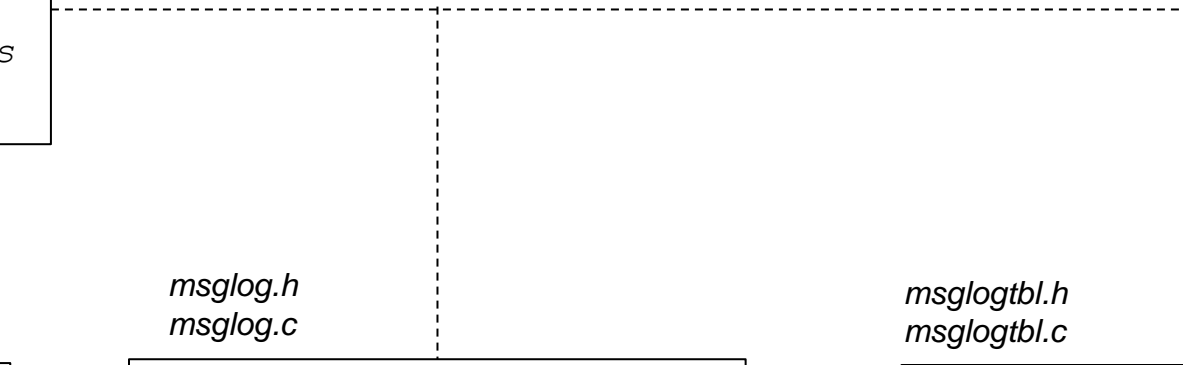
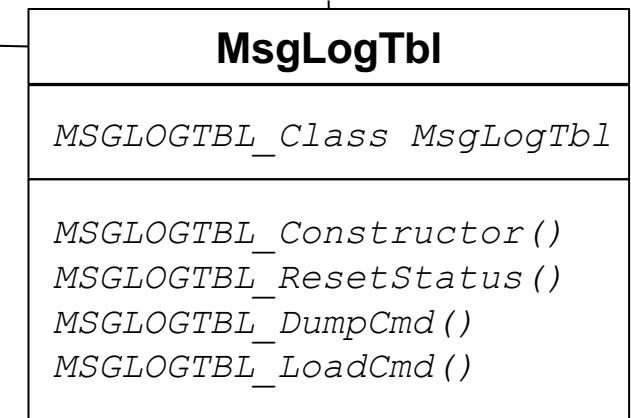
osk_c_demo.h
osk_c_demo.c



msglog.h
msglog.c



msglogtbl.h
msglogtbl.c



OSK_C_DEMO DEMO_OPS_SCREEN

OSK C Demo

Commands

No Op	Reset	Load Tbl	Dump Tbl
Start Log	Stop Log	Start PlayBk	Stop PlayBk

Housekeeping Status

Cmd Cnt

Cmd Err

Child Cmd Cnt

Child Cmd Err

Log Ena

Log Count

Playbk Ena

Filename

Display

Message Log File Playback

Entry

Pri Header

Scripts

Functional Test

Ops Example

Flight Event Messages

Issue Start/Stop Playback commands

- Observe Playback Ena status change, event messages, and the log playback status