Table of Contents

[Code Description 2](#_Toc463273269)

[Class Diagrams 3](#_Toc463273270)

# Code Description

This application emulates the response of four Microstrain AHRS models:

1. 3DM-GX2

2. 3DM-GX3-25-OEM

3. 3DM-GX3-35 (not finished)

4. 3DM-GX4-25 (not finished)

At the current time, it will only emulate the Euler angle data packet which consists of stabilized roll, pitch, and heading. The output can be tested by the application AHRS-Tester.  
  
The provided dll file is for Windows 64-bit systems.  
  
A tutorial video, on how to use the application, can be viewed here - <https://www.youtube.com/watch?v=nRJEoFkgevo>.   
  
To review the code flow / logic, see the Javadoc documentation (in the “dist” folder) as well as the class diagrams below (pending – will be inserted at a later date.

# Class Diagrams