

902102 - Multi-LRAUV Simulation Environment

Week 17

1. Ben Raanan
 - a. Working with the ORSC team on adding new plugins for simulating vehicle mass/VBS/DropWeight and ocean currents.

Week 16

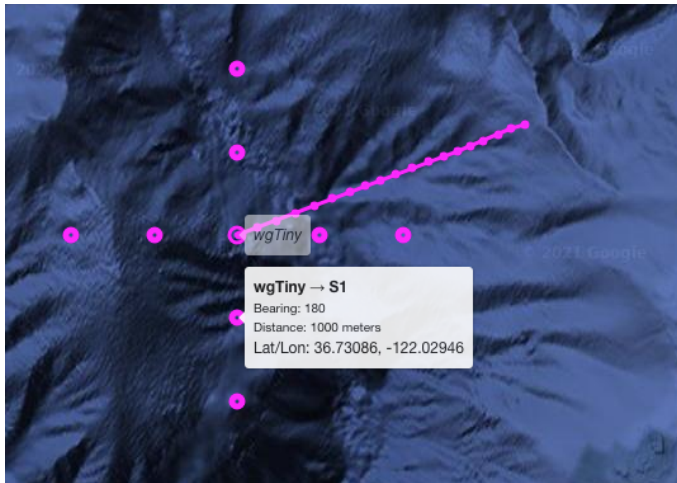
1. Ben Raanan
 - a. Successful design review for milestone 1
 - b. Q2 milestone 2 kickoff!
2. Carlos Rueda
 - a. Milestone 1 design review

Week 15

1. Brian Kieft
 - a. Routine meetings with the team. Looking forward to Ben's design review on Friday.
2. Ben Raanan
 - a. Wrapping up milestone 1 — prepping for design review

Week 13

1. Brian Kieft
 - a. Met with team
2. Carlos Rueda
 - a. New Dash [4.3.6](#), with some internal adjustments and initial support for displaying a [point cloud](#) around the latest position of assets managed in MBARI's Tracking Database. Thanks John R. for the discussion and suggestion.



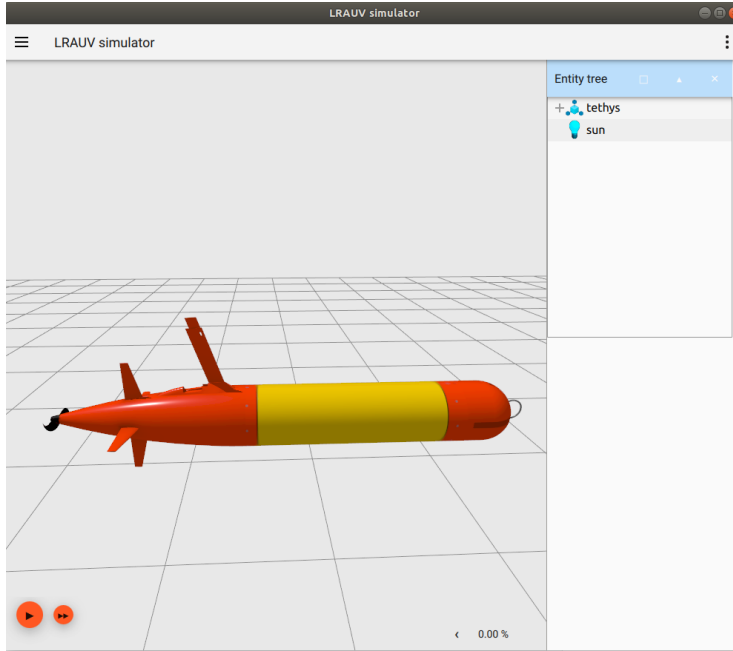
- b. TethysL: Doing general revision of the engine with a focus on usability via command-line for purposes of compiling .tethysl files, translating to .xml, reformatting, translation from xml, etc. As preparation for possible editors on linux, IS has installed VS Code and Emacs on tethystest.
- c. Thanks Ben for fixing the generation of the Units.xsd file, which TethysL also relies on.

Week 12

1. Carlos Rueda
 - a. Brief chat with the team about Docker and setting up members at Docker Hub under MBARI.

Week 10

1. Ben Raanan
 - a. Open Robotics team is finalizing the LRAUV <-> Ignition sim data pipeline integration and testing the vehicle and world models.
 - b. Started design of the LRAUV <-> Ignition sim time syncing mechanism.



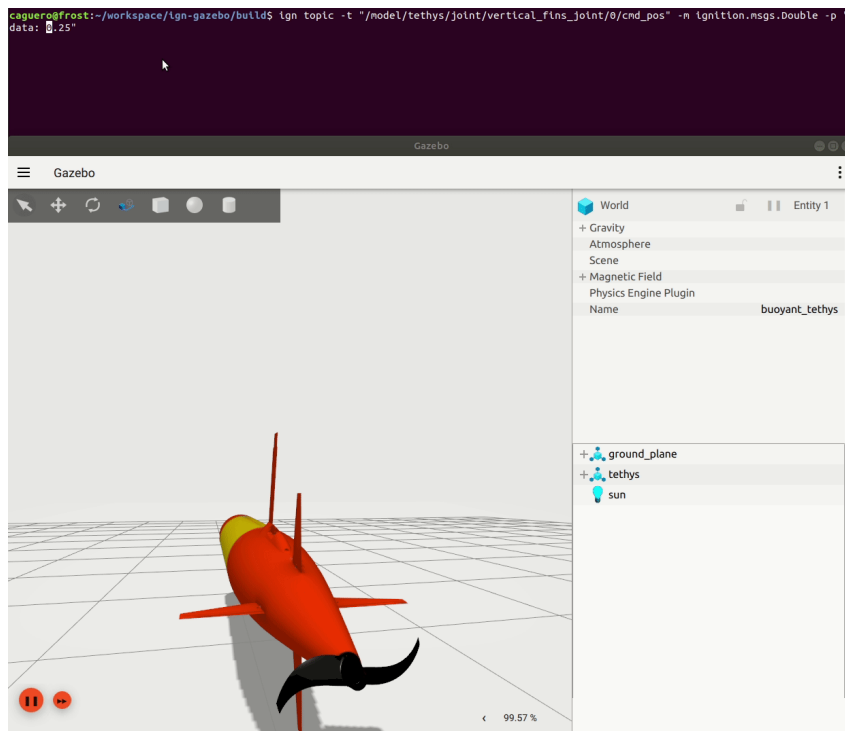
c.

Week 7

1. Ben Raanan
 - a. Support for Ignition LRAUV vehicle model and integration

Week 6

1. Ben Raanan
 - a. Working with Open Robotics team on LRAUV vehicle model and integration details



b.

Week 5

1. Brian Kieft
 - a. Weekly team meeting. Reviewed initial design.
2. Ben Raanan
 - a. Planning, assembling design documents, and developing integration concepts with the team at Open Robotics

Week 4

1. Brian Kieft
 - a. Weekly meetings with the team
2. Ben Raanan
 - a. Working with the Open Robotics team on vehicle plugins and integration plan
 - b. Finalizing export details for LRAUV application source code
3. Carlos Rueda
 - a. Attended meeting.

Week 3

1. Ben Raanan
 - a. Project kickoff and planning

Week 2

1. Brian Kieft
 - a. Met with team for kickoff. Will be working on initial requirements.
2. Carlos Rueda
 - a. Meetings