



ViMCoR



Chalmers, Volvo GTO, GPSS

ViMCoR Project

ROS2 Interface Architecture

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1 Project Description

2 Framework Architecture

2.1 Modules (Nodes)

2.1.1 ATR Formation

2.1.2 Job Planner Allocation

2.1.3 ATR Tracker

2.1.4 Semantic Segmentation

2.1.5 NONA Generator

2.1.6 Dynamic Obstacle Prediction

2.1.7 ATR Trajectory Generator

2.1.8 ATR Fleet Control

2.1.9 ATR Control