

Simulator architecture comparison

A proposal for reworking research flight simulators Rotorcraft-Pilot Coupling and Frame-SIM.

Marek S. Łukasiewicz (marek.lukasiewicz@polimi.it), 2024-01-29

Department of Aerospace Science and Technology (DAER) of Politecnico di Milano

© 2024. This work is openly licensed via [CC-BY 4.0](#).

Current setup

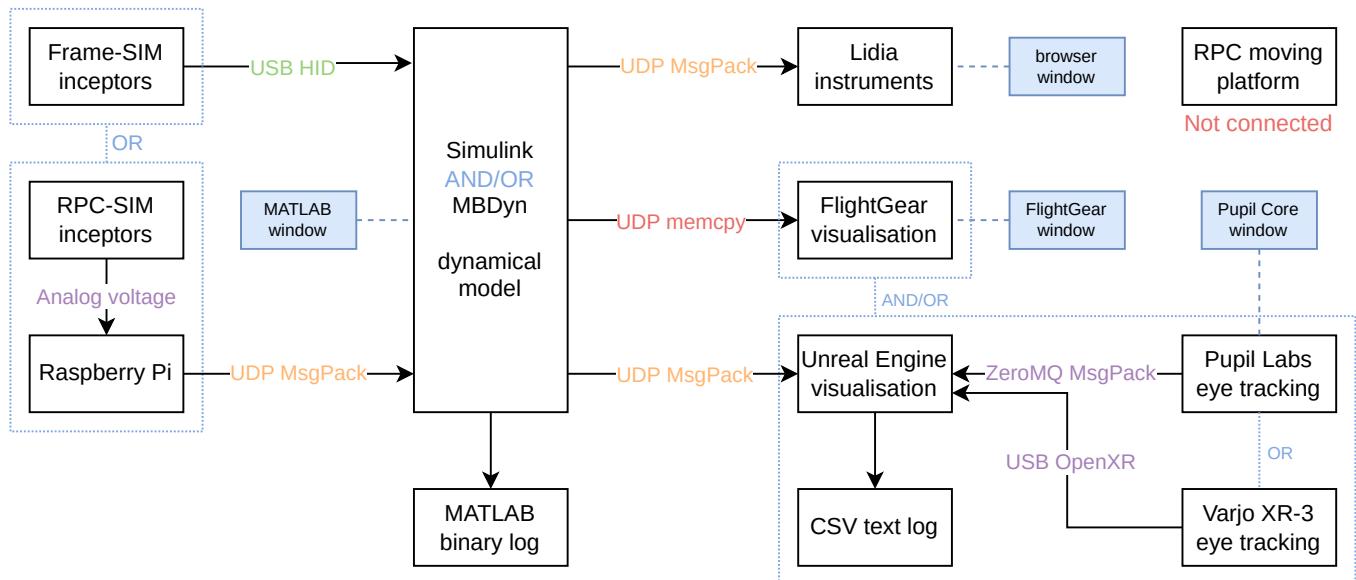


Diagram legend

present system component	→ Standard communication	Points of configuration
not yet developed component	→ Our custom solution	
interface used by operator	→ Not satisfactory, needs change	
	→ Can't change, imposed by hardware	
		Variant 1 Type of choice Variant 2

Proposed MAVLink rework

Read more about MAVLink in its [online documentation](#), which includes a [large set of common messages](#).

I propose to [publish our version](#) of this site, including only the subset actually used, with any [extensions](#) we [define](#) for unusual hardware.

