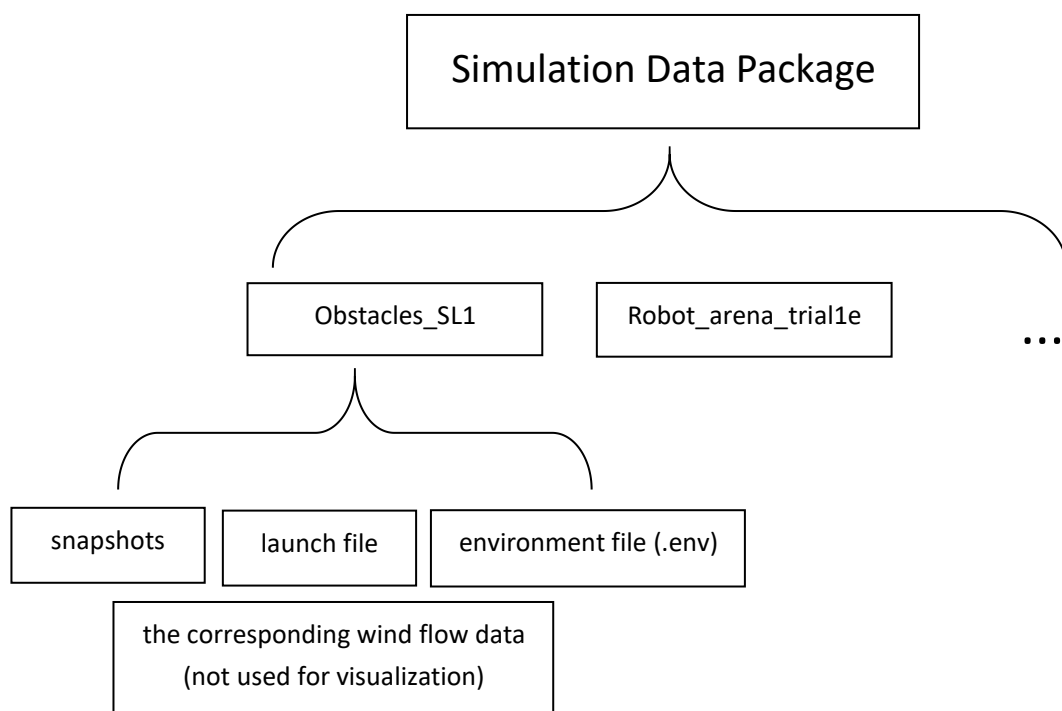


The Summary of the Data Package

Data set	Environment size (m)	Gas	#snapshot	Source Location	Resolution (m)
Obstacles_SL1	61 x 21 x 6	ethanol	450	(8, 10, 0.1)	1
Obstacles_SL2A	61 x 21 x 6	ethanol	400	(5, 4, 2)	1
Obstacles_SL2B	61 x 21 x 6	ethanol	260	(5, 4, 2)	0.5
Robot_arena_trial1e	4.5 x 3.8	ethanol	260	(3.3, 1.85, 2)	0.1
Robot_arena_trial1p	4.5 x 3.8	propanol	270	(3.3, 1.85, 2)	0.1
Robot_arena_trial2e	4.5 x 3.8	ethanol	230	(3.3, 1.85, 2)	0.1
Robot_arena_trial2p	4.5 x 3.8	propanol	240	(3.3, 1.85, 2)	0.1

The data sets are organized as follows:



Tips: please make sure the paths in the launch file are correct, in particular the following items:

1. `<param name="/result_location" value="THE PATH IN YOUR COMPUTER" />`
2. `<param name="/environment_data" value="THE PATH IN YOUR COMPUTER" />`

When “Robot_arena” data sets are replayed in RIVIZ, it is suggested that “Size(m) = 0.3” in PointCloud2 setting. For the “Obstacles” data sets, it is better to choose smaller size.