Scenario Catalogue and Scenario Databases

Scenario Catalogue

A scenario catalogue is an aggregated reference to a set of scenarios.

The scenario catalogue’s entries are pointers to scenarios in scenario databases. Each scenario-catalogue entry will have descriptors of the content of the scenario that can be searched to find appropriate scenario, thus indexes.

Each scenario-catalogue entry will describe the content of its scenario, such as highway or city, congested or open, cloudy or sunny, etc.

Thus, a search can be made in the scenario catalogue to find the scenarios that are desired to be used. In addition, the scenario catalogue entries will have a pointer to the database holding the scenario and its specific identification in the scenario database (like #147).

Scenario Databases

A scenario database will have the actual scenarios. There are likely to be many scenario databases.

It will be helpful if the scenarios in each scenario database have a consistent description format.

The scenarios can be used to validate ADS products by simulation, track testing, and/or real‑world testing. In case of simulation, models might not have the same input format but the developers of the simulations will likely have translation software from an ISO standard scenario format.