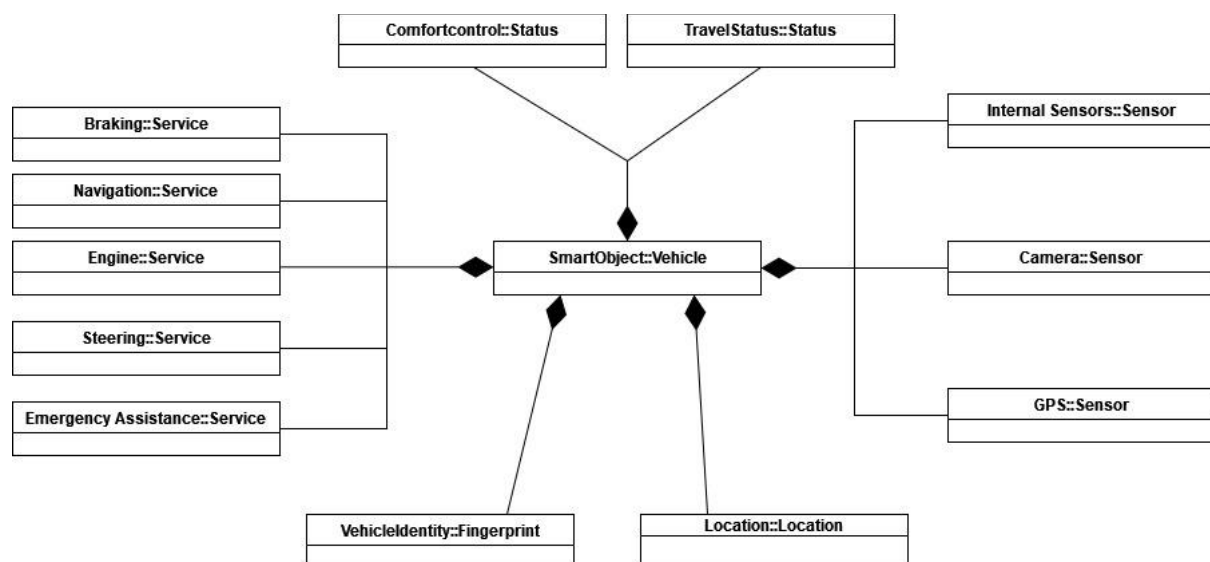


Collaborative Discussion 2: OO Design for the IOT

According to Madakam et al. (2015),

“The future is Internet of Things, which will transform the real world objects into intelligent virtual objects.”

As such, taking on an object-orientated approach makes sense when considering the IOT and how the objects within interact. Fortino et al. (2015) introduces us to a suitable model to support the design of such a network which would be beneficial throughout the development process. Although metamodeling adds complexity to the development process, a well-produced model can reduce the complexity at other stages of the development process. Furthermore, it can introduce standardisation for a large range of devices produced by countless manufacturers. A metamodel can help identify the components of the systems and the required interfaces between them. However, in order to benefit from the use of a metamodel, a significant amount of time and care must be taken to do it properly.



References

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