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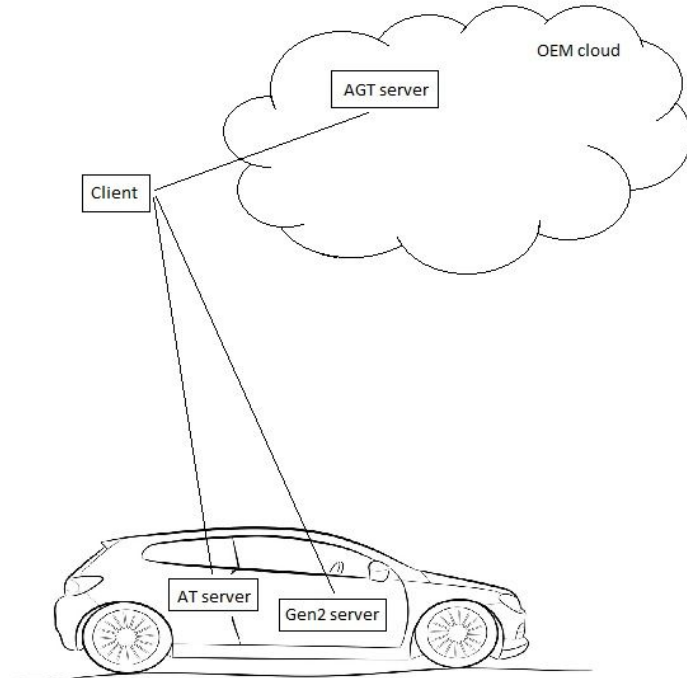
W3C Gen2 server architecture

Ulf Björkengren



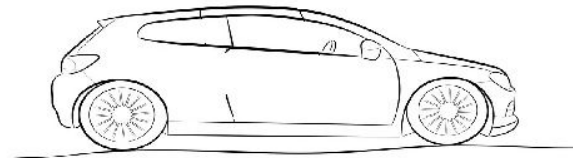
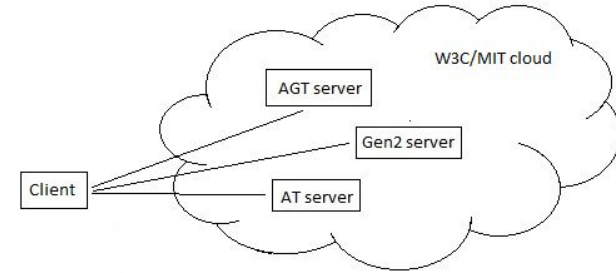
W3C Gen2 deployment overview

- Deployment alternatives
 - Client - Internet/OEM cloud/In vehicle
 - AGT server - Internet/OEM cloud
 - AT server - In vehicle
 - Gen2 server - In vehicle



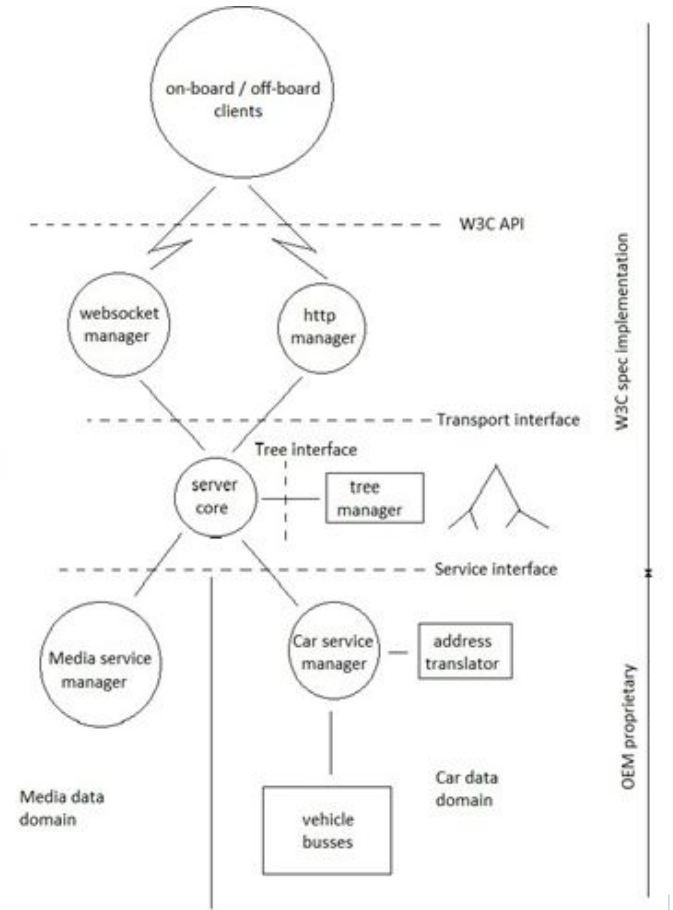
W3C Gen2 Github impl deployment overview

- Deployment alternatives
 - Client - Internet
 - AGT server - W3C/MIT cloud
 - AT server - W3C/MIT cloud
 - Gen2 server - W3C/MIT cloud



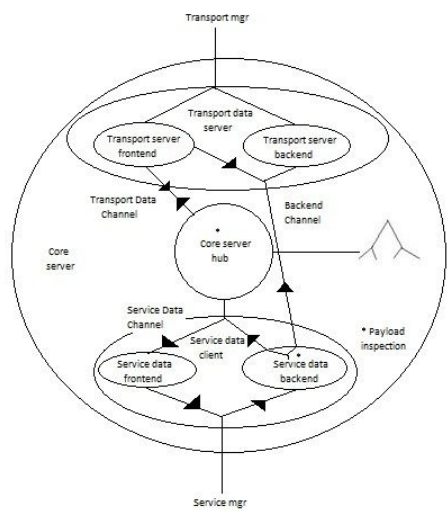
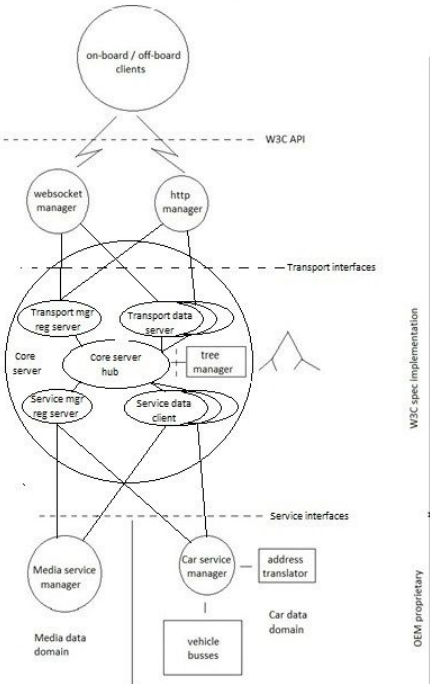
W3C Gen2 server architecture

- Server components, executing as separate processes/programs. Components communicate over WS, with JSON payloads
 - Transport managers
 - HTTP(S) manager
 - WS(S) manager
 - Core server
 - Service managers
 - Vehicle service manager
- Libs
 - Tree manager
- Underlying data source
 - Dummy values



W3C Gen2 core server architecture

- Core server components, executing as separate threads. Components communicate over Go channels, with JSON payloads
 - Transport manager reg server
 - Service manager reg server
 - Transport data server
 - Service data client
 - Core server hub





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