CommonAPI-cpp

Abstract

What is the purpose of CommonAPI C++

CommonAPI C++ is a C++ abstraction API to enable service oriented communication in distributed systems.

CommonAPI C++ depends on Franca-IDL to describe static interfaces as well as communication / protocol configuration parameters and a full component instance dependency model.

The intention is encapsulate the communication protocols and adjacent middleware.

Releases

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Installation and Source Code

Application Binary Downloads

**Tools (Code Generators)**

- Eclipse P2 Update Site (for a ready-to-run Eclipse environment see also install-automation, or the ready to run GDP SDE image)
- Linux and Windows Code Generator binaries are available in .zip-files from the Releases tab on GitHub: Core, D-Bus, SOME/IP

Source Code Repositories

**Tools (Code Generators) for C++ API (git)**

- Core Tools
- D-Bus Tools
- SOME/IP Tools
Runtime Libraries for C++ API (git)

- Core Runtime (GitHub)
- D-Bus Runtime (GitHub)
- SOME/IP Runtime (GitHub)
- Related: vSomeIP SOME/IP Stack
- Runtime source code as tar archives.

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