Software synergies using FRED and TMCR

Filip Makowski

Introductio

Davalanma

Implementatio details

DCM

Discussion

Software synergies using FRED and TMCB for various applications

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Agenda

Software synergies using FRED and TMCB

Agenda

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Implementati

DCM LOGM

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Goals

Software synergies using FRED and TMCR

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Introduction

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status

Implementation details

DCM

LOGIVI

- development of a software package that covers set of DOOCS-based device servers used to manage and control modules inside a LLRF station
- package will eventually consist of servers for DCM, LOGM and PSM modules
- set of libraries that can be used for further development and will make code reusage possible

Development status

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Development status

Done

■ DCM server

In progress

- LOGM server, along with...
- FRED DOOCS wrapper
- DOOCS extension library

Future plans

■ PSM server

DCM implementation

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DCM LOGN

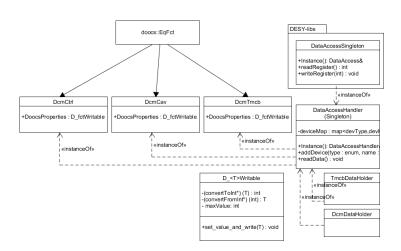


Figure: DCM UML Class diagram

LOGM implementation

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LOGM

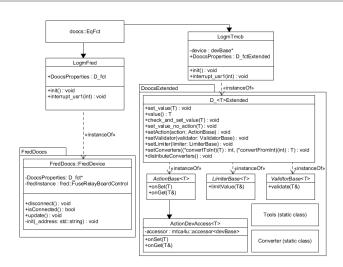


Figure: LOGM UML Class diagram

Discussion

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DCM LOGM

Discussion

Topics

- should FredDevice be merged with other library, i.e. libfred-dev?
- suggestions on current implementation
- requests or ideas for extending DOOCS functionality in the extension library
- future usage of implemented code

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Agenda

details

Discussion

Thank you!