Software synergies using FRED and TMCB
for various applications

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Agenda

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4 Implementation details
   - DCM
   - LOGM

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## Goals

- 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

### Done
- DCM server

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

### Future plans
- PSM server
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DCM implementation

Figure: DCM UML Class diagram
LOGM implementation

Figure: LOGM UML Class diagram
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
Thank you!