JuliaFMU

FMU

- struct:FMU_infos
- struct:modelDescription
- struct:simulationData
- struct:experimentData
- struct:cStuff

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+ function:loadFMU
+ function:unloadFMU
+ function:setExperiment
+ function:simulateFMU
+ function:interactiveSimulation
+ function:exportResults

<<interface>>
fmi2Wrapper

+ fmi2SetTime
+ fmi2SetContinousStates
+ fmi2SetXXX
+ fmi2EnterEventMode
+ fmi2GetEventIndicators
+ fmi2GetContinousStates
+ fmi2EnterContinousTimeMode
+ fmi2GetNominalsOfContinousStates
+ fmi2CompletedIntegratorStep
+ fmi2GetDerivatives

FMU C API

FMU

- struct:internalData

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+ fmi2SetTime
+ fmi2SetContinousStates
+ fmi2SetXXX
+ fmi2EnterEventMode
+ fmi2EnterContinousTimeMode
+ fmi2CompletedIntegratorStep
+ fmi2GetDerivatives
+ fmi2GetEventIndicators
+ fmi2GetContinousStates
+ fmi2GetNominalsOfContinousStates

```
julia> fmu = loadFMU("path\to\FMU.fmu")
julia> simulateFMU(fmu)
julia> exportResults(fmu, "path\log.csv")
julia> unloadFMU(fmu)
```