Lecture

Guest lecture by Martin Schöberl on the Reactor notion.

Readings

For a gentle introduction to Reactors, you should read the following paper:

> *Actors Revisited for Time-Critical Systems*
> https://ptolemy.berkeley.edu/publications/papers/19/LohstrohEtAl_Reactors_DAC_2019.pdf

This paper may also be found on DTU Learn.

Supplementary Readings

For a more comprehensive desription of Reactors, the following book chapter may be consulted:

> *Reactors: A Deterministic Model for Composable Reactive Systems*
> https://people.eecs.berkeley.edu/~marten/pdf/Lohstroh_etAl_CyPhy19.pdf

A paper emphasizing the background for the Reactor model can be found here:

> *Reactors: A Deterministic Model for Composable Reactive Systems*
> https://dl.acm.org/doi/10.1145/3448128

Finally the Lingua Franca system is described at the site:

> https://www.lf-lang.org

from where it may be downloaded and tried out.

Exercises

There are no exercises this week. Instead, you are ecouraged to study the proposed options for Mandatory Assingnment 2 which will be available on DTU Learn.