

INF319: Multiway Dataflow Constraint Systems and UI Programming (10 credit points)

This is a description of Special Syllabus for Master degree student Mathias Skallerud Jacobsen.

The context of the study is contemporary Graphical User Interface (GUI) programming, in particular declarative approaches based on multi-way dataflow constraint systems.

The learning outcomes are as follows:

- understand event-based GUI programming and its limitations
- specify dataflow constraints and understand how they connect to GUI widgets
- understand the possibilities and limitations of constraint systems based GUIs

The student is expected to deliver software and summarize learnt experiences in a form of a written report.

Mikhail Barash
CC: Jaakko Järvi

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