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Functional Programming – ST 2024
Reading Guide 06: Intro to Clojurescript

Timeline: This unit should be completed by 27.05.2024.

1 Material

- Bruce Hauman - Developing ClojureScript With Figwheel `https://www.youtube.com/watch?v=j-kj2qwJa_E` (first 30 minutes) or, alternatively, the Figwheel tutorial (`https://figwheel.org/tutorial`

- Shaun Mahood: re-frame your ClojureScript applications `https://www.youtube.com/watch?v=cDzjlx6otCU` or, alternatively, the re-frame documentation (at least THE BASICS and MENTAL MODEL OMNIBUS of `https://day8.github.io/re-frame/re-frame/`)

2 Learning Outcomes

After completing this unit you should be able to

- know how to interact with a ClojureScript REPL.

- use Figwheel in production.

- describe the basic state concept of re-frame.

3 Exercises

Exercise 5.1 (Tooling)
In the ILIAS, you will find Jan Roßbachs unit on re-frame (06-reframe.zip). Work through the example/README.md file and ensure that all tools are installed. Then, you should be able to interact with the Clojurescript file (example/src/reframe/example/core.cljs). Try some change while the application runs and see whether it has an effect.