

COLLECTION PROCESSING BY REDUCE

POETRY OF PROGRAMMING – CLOJURE ASSIGNMENTS

Check: `reduce`, `map`, `filter`, `remove`

Reducing is a fundamental operation, since it can easily do what other collection processing higher-order functions can do. Imagine, that the often used functions `map`, `filter` and `remove` were not available, but we had `reduce`. The task here is to re-implement `map`, `filter`, and `remove`, i.e. to write functions `my-map`, `my-filter`, `my-remove` with the help of `reduce`. This involves writing suitable reducing functions (functions with two arguments, first is the result so far, second is the next item).