

# **ABSTRACT**

The introductory part of this Bachelor's thesis looks into existing types of didactic tests and searches for the forms adequate to be processed on a computer or in a web environment. This thesis also researches what JavaScript libraries and frameworks are, points out their differences and searches for the best methods for their development. In addition some possibilities of modern JavaScript are examined.

The real outcome of this research is a JavaScript library simplifying the creation of didactic tests that use atypic question forms. Those are the ones which can't be created using native browser components — in my case queries with draggable options requiring their assignment or ordering. Moreover, the documentation and the whole project, including the manuals and example tests, are available in a GitHub repository.