

This bachelor thesis deals with possibilities of the use of web scraping method in the development of educational simulations. Author notes differences between the terms information scraing, web scraping and screen scraping and defines term web scraping, which is used for the remainder of the thesis. He introduces history nad context of this method especially in the american background and shows simple example of a web scraper. Examples of the use of web scraping that can be seen on the Internet are described and analyses particular cases of projects that make use of this method. In the end of the first part the thesis deals with complicated juridical situation around web scraping and notes ethical difficulties related to the use of scraping. Author then briefly deals with educational simulations and explores the possibilities of the use of web scraping in thedevelopment and updating of simulations including typical structure of data used in simulations that are suitable to be developed with help of scrapers. In the final part a draft of educational simulation about energetics, which could profit by the use of scrapers both in the process of development and in the process of updating, is introduced.