

The goal of this thesis was to create a web application which will show and present the data measured in the SCADA system. It consists of two halves - the server and the client. The server fetches the data from the archive database, processes it and sends it to the client. The client side presents these data in tables, graphs or graphical schemes. Next part of the thesis was to design a format and a representation of these schemes and implement a simple editor for them. The editor provides functionality to create a new scheme from basic geometric shapes, bitmap images, text labels, etc. Some properties of these objects may be linked to the data sources, so the scheme, in dependence on the data, dynamically changes.