Modern information technologies are unstoppably advancing and their development is inseparably linked with the development of the Internet. The amount of data and information published and available on the Internet is growing in units of Exabyte every year. Using so-called semantic tags added to documents, the Semantic Web movement aims to help machines, and eventually man, to benefit from the information contained in those (not only) on the Internet stored data. Elements marked with a semantic tag is given a machine- recognizable information. The importance of it lies in the positions and relationships of the tag to other tags within some set of (dictionary) of such tags. Ontologies are sets or dictionaries of such marks that capture specific knowledge of certain areas of life, technology or problems. The theoretical part of this work aims to explore the history and the development of knowledge representation, the development of ontologies and ontological engineering and semantic web technologies. In the practical part we analyze the SNOMED CT ontology, what is a large actually used ontology. We also design a tool that should help to enhance and simplify the development of ontologies. In the last, a plan is to implement a part of the designed tool.