The presented Bachelor thesis, Vocabulary of Czech sci-fi short stories, is focused on describing lexicological and morphological means used in a sample of words used in a Czech sci-fi magazine XB-1. The analysed words have been categorized by their terminological, neological, proper noun and slang nature. This served as the basis of structure of this thesis. In the semantic part, this thesis deals with real objects typical for the described literary genre (space travel devices, technical inventions, unusual science fields, etc.) and thus confronts the real and fictional worlds. The thesis summarizes the word-forming means where authors need to create new words for new objects and the thesis describes some of their common trends. Last but not least, this thesis assessed the function of these word-forming means in such a specific literary genre. The analysed expressions (more than 600 entries) are included as a table attachment with notes.