The object of this bachelor thesis is to demonstrate compact overview of the process of digitizing of radio and video broadcasting in the Czech republic. Some core terms are explained at the beginning of this thesis. The thesis is trying to explain the function of media in society and describe television as a "new media" in the second chapter. The third chapter is dedicated to standards and technical specifications of digital devices. There are described television standards and the difference between SDTV and HDTV. Methods of receiving digital HD-quality signal and interactive sevices are described as well. The fourth chapter is dedicated to state institutions and organizations which were essential for the process of digitizing, such as Český telekomunikační úřad, Rada pro rozhlasové a televizní vysílání and Národní koordinační skupina. The last chapter explains the process of the digitizing of radio and television broadcasting itself from historical perspective [Author's abstract].