Writing, promoting, and maintaining an open source textbook can be quite different than following the established route of publishing a textbook with a commercial publisher. We will present our experiences publishing open source textbooks in abstract algebra and linear algebra, discussing the advantages and disadvantages of publishing open-source materials. We will also discuss how to promote and maintain an open source textbook as well as future directions, including authoring in XML to facilitate publishing in different formats. (Received August 29, 2013)