BOOKIT! : AN OPEN SOURCE SOFTWARE PLATFORM FOR THE COLLECTION, REFORMATTING, AND PUBLISHING OF CONTENT FROM ONLINE DATA REPOSITORIES. A Matash (axm6110@rit.edu), J Weigand (jxw9966@rit.edu), M Bernius* (mhbppr@rit.edu), P Albanese* (papppr@rit.edu), M Riordan* (mprppr@rit.edu), Open Publishing Lab, School of Print Media, College of Imaging Arts and Sciences, Rochester Institute of Technology.

With the proliferation of web 2.0 software (wikis, blogs, social networking applications, etc), more content is created, by a wider range of people, than at any previous moment in history. However, much of that content is tied to the specific platform that it is being created in. The wealth of information that has been accumulated in blogs and wikis, is only accessible if you have a web browser. Further, there is no efficient, easy way to aggregate that content into a single document. While there are some solutions that presently address some of these issues individually, there is currently no complete solution. This presentation outlines a software systems that will harvest content from across the web, and automatically format, tag, and assemble it into unified documents (books, ebooks, magazines, etc.). It will also detail the initial steps towards developing this platform. Such a platform would enable new forms of personal and enterprise publishing and also generate discoveries about new types of metadata and approaches to tagging needed to aggregate diverse document and asset types into unified documents. The presentation will also demonstrate how centralizing the software platform and normalizing the tagging to an established standard, can provide the widest amount of integration options while enabling a high level of layout and design in the final, unified product.