Abstract: ConfBits is a Web-based Conference Management System (CMS) developed to aid effective organization and management of professional, academic and technical conferences. The web based application is an object-oriented and multi-conferences platform that is made up of four major actors which are authors, reviewers, administrators (otherwise known as Program Committee (PC) chair) and participants. Conference organizers in any Anglophone country can subscribe to the platform via the Internet to access and utilize the different features which include; abstract and full paper submissions, assignment of papers to reviewers, sending email notifications to authors and reviewers, participants management and conference program scheduling. The prototype of the platform is already deployed on the Internet and the trial Universal Resource Locator (URL) is www.cucms.com.ng. From our review of existing online CMSs, ConfBits (although still at a prototype stage) is the first of such system from a developing clime. We hope the platform will serve to bridge the hitherto wide digital divide between the developed and developing nations especially with respect to scholarly online content.