

VII. DATA MANAGEMENT PLAN

Previous grant funding has allowed the EBBA project to upgrade its server infrastructure. EBBA is now housed on an 8-core high performance server that serves not only the website in a linux-apache-MySQL-php (LAMP) virtualized environment but also all file server and development server needs (via virtualization) for the project. All project data is backed up nightly to disk and weekly to tape that is then stored offsite. The physical server, all virtualized operating system environments, local network, and backups are all managed by the UCSB English Department Systems and Network Administrator, Brian Reynolds. In addition, UCSB's Davidson Library, a member of the Association of Research Libraries, has committed to using its digital infrastructure and expertise to sustain the ballad archive over the long term. The Davidson Library is the site of one of the original NSF-funded digital library projects, the Alexandria Digital Library, and as an outgrowth of that work, the library now supports through its regular budget over 40 servers and 5 terabytes of digital text and images. Library technical staff have extensive experience with metadata ingest, persistent archivability, multiple digital object formats, and the application of relevant national standards. The library has three levels of frequently scheduled on- and off-site digital back-up, and is also an active partner in the networking and content management of UC's collaborative California Digital Library.