

Abstract

The IBM Austin Research Lab is designated as the coordinating center for IBM's Low Power initiatives. A web site was designed and developed, that devote to Low Power - The Low Power Center- as part of ARL's Low Power activity. Several IBM standards have to be considered. These standards define detailed the building, and design of web pages that can be published under the 'ibm.com' domain. Matching these standards a page design including an logo was developed. The external pages are basically accumulation of links dealing with Low Power issues and publications to download. The internal sites are including all information provided in the Internet sites, as well as project pages about several Low Power research topics explored in the ARL.

Much of the data is maintained in a database system and inserted with the help of a PHP script. Also the building of the pages is in part dynamic. It is using PHP scripts. The data is in a MySQL database on a Linux workstation.

Currently two projects are represented in the internal web sites, EARL, a PowerPC system-on-a-chip processor, and Alsim, a tool to analyze and design power grids.