

In accordance with new trends in development of web-based services, applications that are running on the Internet tend to be more complex and feature rich. This happens while computers and network bandwidth are becoming more and more capable. We may see lots of different, often inventive, approaches in rich web application development, which try to surpass the constraints of web environment. Unfortunately, few technologies or tools provide support for ubiquitous access to data. This thesis aims to propose a development method of rich web applications, which transparently provide ubiquitous access to user data in many various environments and conditions.