

The aim of this work is to design and implement a tool in form of framework, which is destined for web architects and should enable methods of personalization within the scope of arbitrary web application. Framework will obtain information on functioning of web application, it will try to determine, how is application used by users and based on this knowledge it will attempt to make using of application more efficient by means of environmental adaptations. During framework designing emphasis will be put on easiness of using within common web application, to its work it should use only means commonly available within any standard webhosting. For every user will be application environment personalized on the basis of his behaviour. Part of framework will be intelligent precision mechanism, whose input will be data about web application usage and data retrieved from user. Output will be set of recommendations for application modification. Part of thesis is also sample web application, in which framework potential is demonstrated.