DESIGNING AN EFFICIENT USER INTERFACE

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Abstract	Keywords
We discuss specifics and principles of designing an efficient user interface, detailing-based principles, behavioural and interface principles of reducing effort, and methods of developing user interfaces	*Interface, user, design, efficiency, method, interface principles, behavioural principle*

References

[1] Proektirovanie pol'zovatel'skogo interfeysa [User interface design]. Izdatel'skiy dom "Vil'yams". URL: http://www.williamspublishing.com/PDF/5-8459-0276-2/part7.pdf (accessed 05.03.2016).

[2] Issledovanie metodov postroeniya pol'zovatel'skikh interfeysov [Research on user interface design methods]. Bibliofond. URL: http://www.bibliofond.ru/view.aspx?id=515584 (accessed 19.03.2016).

[3] Cooper A., Reimann R., Cronin D. About Face 3. The essentials of interaction design. Wiley Publishing, Inc., 2007. (Russ. ed.: Alan Kuper ob interfeyse. Osnovy proektirovaniya vzaimodeystviya. Sankt-Petersburg, Simvol-Plyus Publ., 2009, 688 p.)

[4] Raskin O. The humane interface: new directions for designing interactive systems. Pearson Education (US), 2000. 256 p. (Russ. ed.: Interfeys: novye napravleniya v proektirovanii komp'yuternykh system. Sankt-Petersburg, Simvol-Plyus Publ., 2009. 149 p.)

[5] Metody i sredstva razrabotki pol'zovatel'skogo interfeysa [Methods and tools for user inter-face design]. Studopediya. URL: http://studopedia.org/3-158804.html (accessed 17.04.2016).

[6] Razrabotka pol'zovatel'skikh interfeysov [User interface design]. Pandia. URL: http://pandia.ru/text/78/247/74988.php (accessed 16.04.2016).

[7] Mandel T. The elements of user interface design. John Wiley & Sons, 1997. 464 p. (Russ. ed.: Razrabotka pol'zovatel'skogo interfeysa. Moscow, DMK Press Publ., 2001. 416 p.)

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