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# Habito News: A research tool to investigate mobile news reading

**Marios Constantinides**

Department of Computer Science  
University College London  
m.constantinides@cs.ucl.ac.uk

**Sylvain Malacria**

Inria Lille, France  
sylvain.malacria@inria.fr

**John Dowell**

Department of Computer Science  
University College London  
j.dowell@cs.ucl.ac.uk

**David Johnson**

Department of Computer Science  
University College London  
david.johnson.11@ucl.ac.uk

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*MobileHCI '15 Adjunct*, August 25-28, 2015, Copenhagen, Denmark  
ACM 978-1-4503-3653-6/15/08.  
<http://dx.doi.org/10.1145/2786567.2792896>

**Abstract**

This demonstration paper accompanies a paper accepted at MobileHCI'15 [1]. With the aim of enhancing news reading experience on smartphones, we developed and deployed Habito News, a dedicated Android news app capable of unobtrusive logging of news interactions and recognising patterns of user's news reading behaviour. Interaction traces collected with Habito News can first be used to detect the user's news reader type and then to adapt the news reading app displays and behavior in response to individual patterns of user's interaction. In this demo, we present the app's logging capabilities, the automatic detection of news reader types and the three different user interface designs for different news reader types.

**Author Keywords**

News reading; News apps; Personalisation; Adaptive mobile user interfaces;

**ACM Classification Keywords**

H.5.m. Information interfaces and presentation (e.g., HCI): Miscellaneous.

**References**

[1] Constantinides, M., Dowell, J., Johnson, D., Malacria, S. Exploring mobile news reading interactions for news app personalisation. In *Proc. MobileHCI 2015*.