DojoIBL v1.0

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Angel Suarez & Stefaan Ternier

Abstract

DojoIBL (Suarez, Ternier, Prinsen & Specht, 2016) is an open source implementation for inquiry based learning that enables users to structure inquiry processes. Students can use DojoIBL to collaborate and to have a clear structure of their own inquiry activities. The DojoIBL platform enables teacher to structure any kind of learning process based on activities like: inquiry-based learning. DojoIBL works in formal contexts, like the classroom, as well as informal contexts as the teachers and the students can use it on their smartphones, laptops or tablets. DojoIBL is suited to enact collaborative processes with small or large group of students. The Mobile Messaging component and the Mobile Notification component feature quick communications channels among students and teachers and increase awareness of the group progress.

Version & change log

Version	Date	URI
1.0	14-10-2016	https://github.com/WELTEN/dojo-ibl/releases/tag/v0.9

Source code

Code license
GNU Lesser GPL

Access to the source code
- Repository: https://github.com/WELTEN/dojo-ibl/
- Clone: git clone https://github.com/WELTEN/dojo-ibl.git

Installation
This project relies on Google App Engine. Therefore use the Google Plugin for Eclipse. Intellij offers support for GAE, tick of "Google App Engine" when importing the project.

Dependencies
This project relies in several libraries

Export to WEB-INF/lib:
- apache commons file upload
- apache commons logging
- Google Cloud messaging server libraries
- JDOM (http://www.jdom.org)
- jersey (http://jersey.java.net)
- jettison (jettison.codehaus.org/)
- twitter4J (http://twitter4j.org)
- html parser (http://htmlparser.sourceforge.net/)

Furthermore, this code builds upon the ARLearn toolkit (Ternier, 2012)

References

Suárez, Á., Ternier, S., Prinsen, F., & Specht, M. (2016, 13-16 September). Nurturing Communities of Inquiry: A Formative Study of the DojoIBL Platform. In K. Verbert, M. Sharples, & T. Klobucar (Eds.), Lecture notes in Computer Science: Vol. 9891. Adaptive and Adaptable Learning. 11th European Conference on Technology Enhanced Learning (EC-TEL2016) (pp. 292–305), Springer International Publishing. Lyon, France.

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