

Contextualised Learning

Citation for published version (APA):

De Jong, T. (2008). *Contextualised Learning*.

Document status and date:

Published: 22/04/2008

Document Version:

Peer reviewed version

Document license:

CC BY-NC-ND

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

<https://www.ou.nl/taverne-agreement>

Take down policy

If you believe that this document breaches copyright please contact us at:

pure-support@ou.nl

providing details and we will investigate your claim.

Downloaded from <https://research.ou.nl/> on date: 19 Aug. 2020

Open Universiteit
www.ou.nl



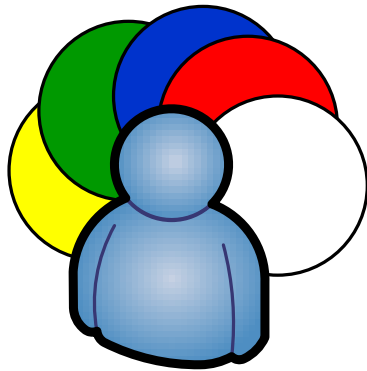
Contextualised Learning

Tim de Jong

Introduction

- Authentic learning contexts
- Supporting/mediating: learning in context
- Standardised approach? Reference model + technical framework
- Practical examples

Introduction: Learning in Context



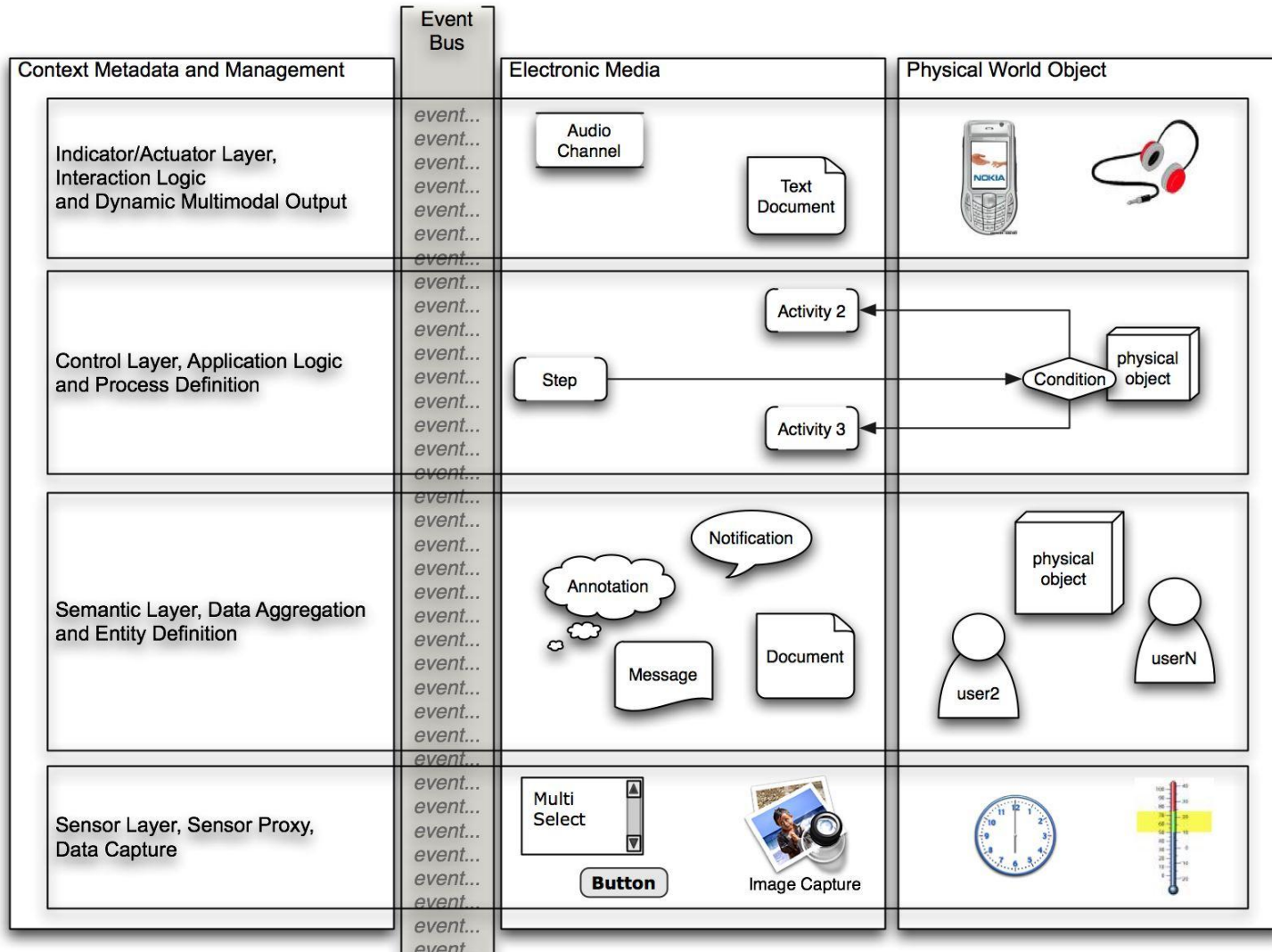
Takes into account
(Zimmerman, et. al.
2007):

- Identity
- Location(s)
- Time
- Environment or activity
- Relations/Social context

Reference model

Content	Context	Information flow	Pedagogical model	Purpose
Documents	Individuality	One-to-one	behaviourist	Sharing knowledge
Annotations	Time	One-to-many	cognitive	facilitate discussion
Messages	Locations	Many-to-one	constructivist	social awareness
Notifications	Environment/ Activity	Many-to-many	Social constructivist	guide communication
	Relations			engagement and immersion

Technical Framework



ContextBlogger

- Example of technological framework
 - Contextualised media delivery
 - Contextualised media creation
 - Notifications

ContextBlogger (cont.)

- Enriching learning objects in content (MACE)
- Contextualised Language learning

ContextBlogger: Screenshots



Contextualised Language Learning

- Language related to:
 - locations/places (Ogata & Yano, 2004)
 - objects
- But: context is more than location (Nova, et. al. 2005)
- Scenario: rooms with different learning themes


Contextualised Language Learning


Language Learn Search


क


Find the fruit starting with...
Block


◀ ▶

 ◀ ▶ Block

 ◀ ▶ Block

 ◀ ▶ Block

 ◀ ▶ Block

 ◀ ▶ Block

check

The Ekahau software

- WiFi-based location tracking
- Accessible via web services
- Signal strength and triangulation algorithm
- Rough calibration: tracking on room-level

References

- Zimmerman A., Lorenz, A. & Oppermann R. (2007) An operational definition of Context. Context 07.
- Ogata, H. and Y. Yano, (2004) *Knowledge awareness map for computer-supported ubiquitous language-learning. in The 2nd IEEE International Workshop on Wireless and Mobile Technologies in Education (WMTE '04).*
- Nova, N., F. Girardin, and P. Dillenbourg, (2005) *'Location is not enough!': an Empirical Study of Location-Awareness in Mobile Collaboration. in IEEE International Workshop on Wireless and Mobile Technologies in Education (WMTE'05). Tokushima, Japan.*
- MACE project: <http://www.mace-project.eu/>