

# A reference model and technical framework for mobile social software for learning

## Citation for published version (APA):

De Jong, T., Specht, M., & Koper, R. (2008). *A reference model and technical framework for mobile social software for 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](mailto:pure-support@ou.nl)

providing details and we will investigate your claim.

Downloaded from <https://research.ou.nl/> on date: 27 Jul. 2020

Open Universiteit  
[www.ou.nl](http://www.ou.nl)



# A reference model and technical framework for mobile social software for learning

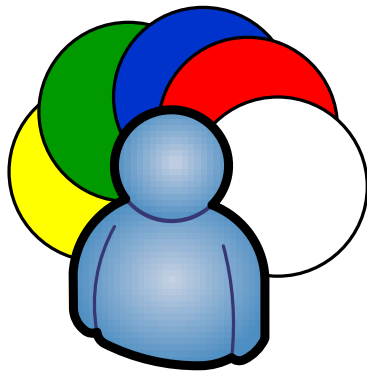
Tim de Jong, Marcus Specht, Rob  
Koper

Open University of the Netherlands

# Introduction

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

# Introduction: Learning in Context



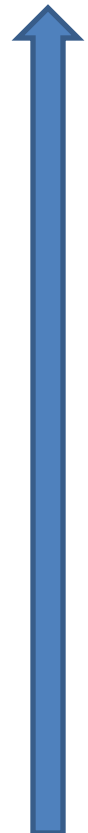
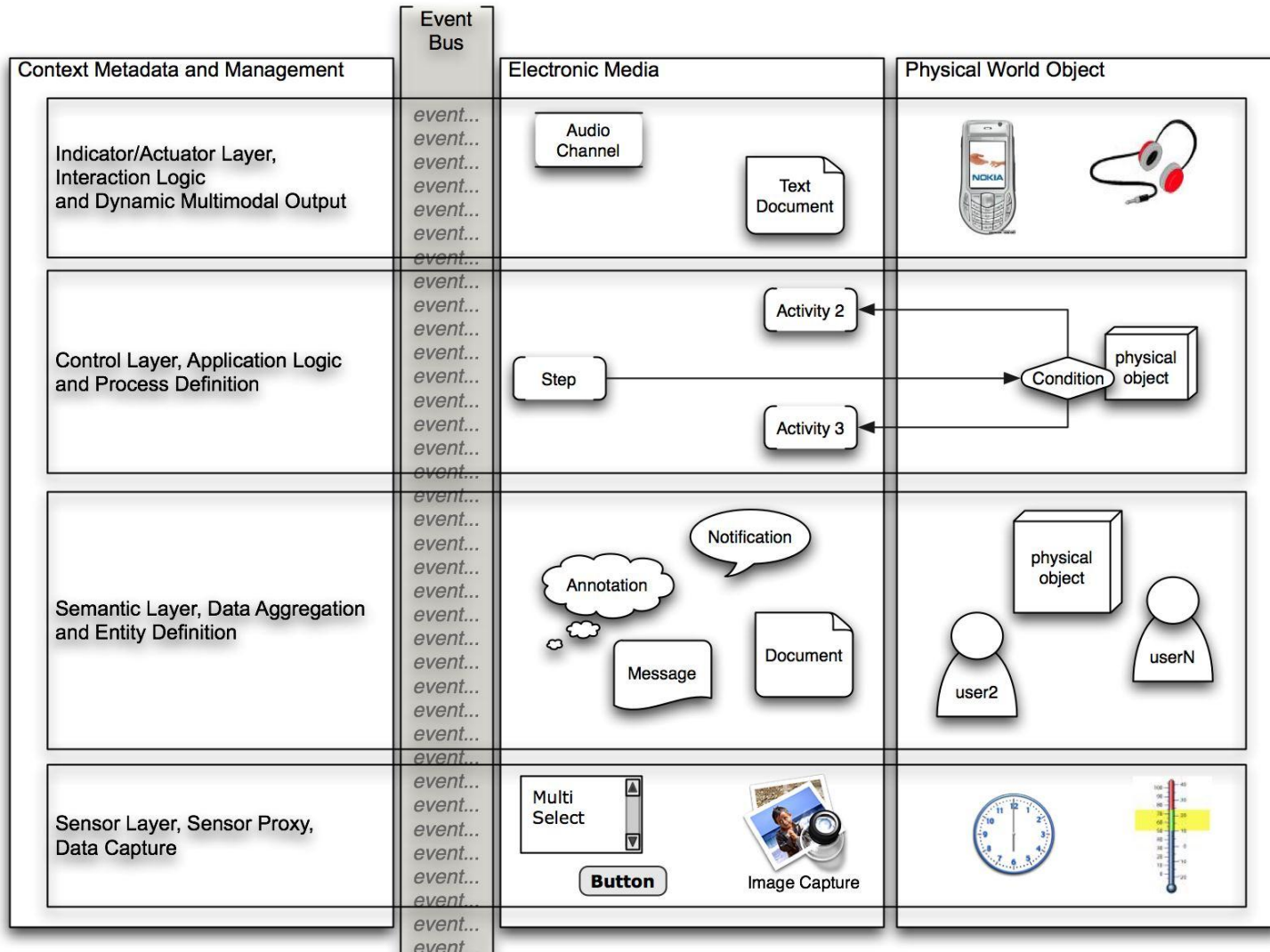
Takes into account  
(Zimmerman, et. al.  
2007):

- 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)
- Language learning



# ContextBlogger: Screenshots



# Language Learning






Language Learn Search

क

Find the fruit starting with...  
Block

◀ ▶

---

	◀ ▶	Block	<input type="radio"/>
	◀ ▶	Block	<input type="radio"/>
	◀ ▶	Block	<input type="radio"/>
	◀ ▶	Block	<input type="radio"/>
	◀ ▶	Block	<input type="radio"/>

check

# References

- Zimmerman A., Lorenz, A. & Oppermann R. (2007) An operational definition of Context. Context 07.
- MACE project: <http://www.mace-project.eu/>
- Papers: <http://dspace.ou.nl/> (search for me)

# Contact

Tim de Jong ([tim.dejong@ou.nl](mailto:tim.dejong@ou.nl))

Educational Technology Expertise Centre

Open University of the Netherlands