KnowRob: Knowledge processing for robots List of Publications

[J1] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz, 
*Representation and Exchange of Knowledge about Actions, Objects, and Environments in the RoboEarth Framework*, 

[C1] Charmayne Mary Lee Hughes, Moritz Tenorth, Marta Bienkiewicz and Joachim Hermstdörfer, 
*Action sequencing and error production in stroke patients with apraxia – Behavioral modeling using Bayesian Logic Networks*, 

[C2] Moritz Tenorth, Fernando De la Torre and Michael Beetz, 
*Learning Probability Distributions over Partially-Ordered Human Everyday Activities*, 

[J1] Zoltan-Csaba Marton, Florian Seidel, Ferenc Balint-Benczedi and Michael Beetz, 
*Ensembles of Strong Learners for Multi-cue Classification*, 
*Pattern Recognition Letters (PRL), Special Issue on Scene Understandings and Behaviours Analysis*, 2012.

[C1] Martin Schuster, Dominik Jain, Moritz Tenorth and Michael Beetz, 
*Learning Organizational Principles in Human Environments*, 

[C2] Thomas Rühr, Jürgen Sturm, Dejan Pangerćic, Michael Beetz and Daniel Cremers, 
*A Generalized Framework for Opening Doors and Drawers in Kitchen Environments*, 

[C3] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz, 
*The RoboEarth language: Representing and Exchanging Knowledge about Actions, Objects, and Environments*, 

[C4] Lars Kunze, Michael Beetz, Manabu Saito, Haseru Azuma, Kei Okada and Masayuki Inaba, 
*Searching Objects in Large-scale Indoor Environments: A Decision-theoretic Approach*, 
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[J1] Michael Beetz, Moritz Tenorth, Dominik Jain and Jan Bandouch, 
Towards Automated Models of Activities of Daily Life, 

[J2] Michael Beetz, Dominik Jain, Lorenz Mösenlechner and Moritz Tenorth, 
Towards Performing Everyday Manipulation Activities, 

[J3] Moritz Tenorth, Dominik Jain and Michael Beetz, 
Knowledge Representation for Cognitive Robots, 

[C1] Moritz Tenorth, Daniel Nyga and Michael Beetz, 
Understanding and Executing Instructions for Everyday Manipulation Tasks from the World Wide Web, 

[C2] Moritz Tenorth and Michael Beetz, 
Priming Transformational Planning with Observations of Human Activities, 

[C3] Dejan Pangercic, Moritz Tenorth, Dominik Jain and Michael Beetz, 
Combining Perception and Knowledge Processing for Everyday Manipulation, 

[C4] Michael Beetz, Lorenz Mösenlechner and Moritz Tenorth, 
CRAM – A Cognitive Robot Abstract Machine for Everyday Manipulation in Human Environments, 

[C5] Lars Kunze, Moritz Tenorth and Michael Beetz, 
Putting People’s Common Sense into Knowledge Bases of Household Robots, 
33rd Annual German Conference on Artificial Intelligence (KI 2010), Karlsruhe, Germany, Springer, 151-159, September 21-24 2010.

[C6] Moritz Tenorth, Lars Kunze, Dominik Jain and Michael Beetz, 
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[R1] Moritz Tenorth and Michael Beetz, 
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[C1] Dejan Pangercic, Rok Tavcar, Moritz Tenorth and Michael Beetz, 
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[C4] Michael Beetz, Jan Bandouch, Dominik Jain and Moritz Tenorth, 
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[R1] Moritz Tenorth, Daniel Nyga and Michael Beetz, 
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from the World Wide Web, 
IAS group, Technische Universität München, Fakultät für Informatik, 2009.

[C1] Michael Beetz, Freek Stulp, Bernd Radig, Jan Bandouch, Nico Blodow, Mihai Dolha, Andreas Fedrizzi, Dominik Jain, Uli Klank, Ingo Kresse, Alexis Maldonado, Zoltan Marton, Lorenz Mösenlechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth, 
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[C2] Moritz Tenorth and Michael Beetz, 
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