

Control Pattern Based Analysis of HCM-L, a Language for Cognitive Modeling

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Abstract – HCM-L, a conceptual language for modeling human behavior within the context of ambient assistance is introduced. By exhibiting the results of a pattern-based analysis it is shown that HCM-L features all concepts to express control flows as discussed in [1] and as is relevant for human behavioral modeling. The work is part of the Project HBMS (Human Behavior monitoring and support) which aims at supporting cognitive performance of individuals.

Keywords - Innovative Applications, Research Challenges, Behavior Modeling, Pattern, Language Analysis, Ambient Assistance

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