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Deliverable 3.3

Implementation of software architecture



WP3 *



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Executive summary

The TWO!EARS project aims to develop an intelligent, active computational model of auditory perception and experience that operates in a multi-modal context. At the heart of the project is a software architecture based on a “blackboard system” that optimally fuses prior knowledge with the currently available sensor input, in order to find the best explanation of all available information.

This deliverable is focused on the implementation of software architecture. The complete software architecture implementation, program code, and documentation have been released on the project web site at

<http://twoears.aipa.tu-berlin.de/doc/1.1/blackboard/>.

The online documentation will be further developed during Year 3, accompanying the next software releases. More complementary documentation about the implementation of software architecture is available in reports D6.1.2, D2.3, and D3.4.