

## **"Agent Academy: A Data Mining Framework for Training Intelligent Agents"**

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### ***Abstract***

Although agent technology has experienced much progress in the last few years, software engineers still struggle to make the shift to this new paradigm. The work presented in this abstract is carried out within the scope of EU IST project IST-2000-31050 entitled 'Agent Academy' (AA).

In this project, 8 partners (among industrial and academic partners) are targeting this problem, aiming to deliver an integrated platform that allows the development of agent-based applications more efficiently and at a lower cost.

To sum up, AA will support:

- a)* the creation of new intelligent agents with limited initial referencing capabilities;
- b)* the training of these agents according to specific scenarios of use, in order to augment their intelligence.

Users of the system are software developers who use the AA platform resources to create agent-based applications. This abstract presents the architecture of an agent produced by the means of the AA platform, and brings an overview of the creation and training process.