

# JADE – extension and utilization (Java Agent Development Framework)

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**Abstract:** The session gives an introduction to the environment for development and management of Multiagent Systems (MAS). Proposal of the extension to handle Bayes statistics under distributed environment will be given at the end.

**Keywords:** MultiAgent Systems, MAS, Mixtools

## 1. INTRODUCTION

Development and convergence in logistic, nanotechnology and communication are some of the main stimulus leading to an increased need for reliable adaptive distributed systems (ADS). Both the practitioners and theoreticians are collaborating to cover needs for development in DS domain.

MultiAgent Systems (MAS) theory according (Wooldridge, 2005), and covered in this talk, is one of possible approaches. Jade as java-based framework (see Fig. 1) serving for error prone and fast design of MultiAgent Systems will be presented.

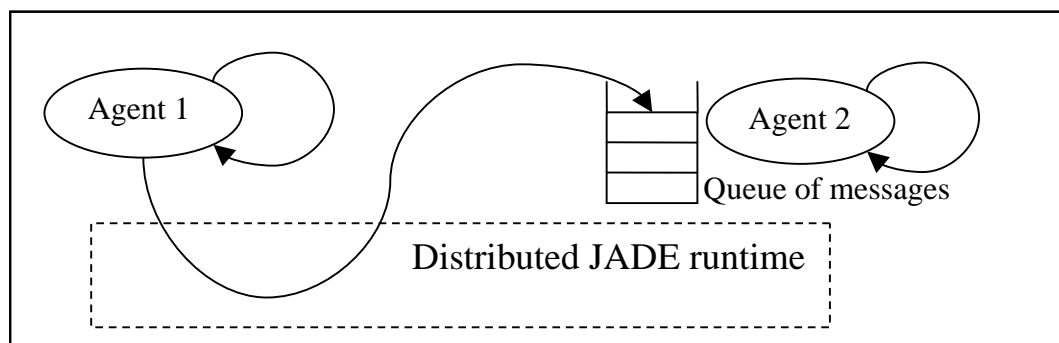


Fig. 1: JADE

The attendee will get familiar to the intended utilisation of the given Jade for distributed computation of mixtures.

## REFERENCES

Wooldridge, M. (2005). MultiAgent Systems. *John Wiley & Sons, Ltd.* England

Jade – Java Agent Development Framework [ <http://jade.tilab.com> ]