

- ▶ DIMITER DOBREV, *The Definition of AI in Terms of Multi Agent Systems*.
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The questions which we will consider here are What is AI? and How can we make AI?. Here we will present the definition of AI in terms of multi-agent systems. This means that here you will not find a new answer to the question What is AI?, but an old answer in a new form.

This new form of the definition of AI is of interest for the theory of multi-agent systems because it gives us better understanding of this theory. More important is that this work will help us answer the second question. We want to make a program which is capable of constructing a model of its environment. Every multi-agent model is equivalent to a single-agent model but multi-agent models are more natural and accordingly more easily discoverable.

Keywords: Artificial Intelligence, Multi-Agent Systems, AI Definition.