

Agent oriented techniques were developed in the field of Distributed AI over the last 20 years. The notion of agents is due to the consideration of programs as autonomous entities working continuously in an open environment. Originally, their main application was restricted to software environments like those in computer networks. Robots in real environments are sometimes considered as agents augmented with a body for sensing and acting. Actually, agent oriented techniques are used successfully for programming autonomous robots. The talk will present such methods and discuss their benefits and their limitations.