Abstract

Robots are shaping a new era in the technology, many algorithms has been developed for their learning which they can apply to find the solution for the problems that they are facing. That is, we have tried to provide them a basic intelligence (like recognition, collision avoidance, etc.). But besides that basic intelligence we are interested in developing an intelligent system in which robots will use their experiences and share it with each other just like humans, who have got all its intelligence by his experience and imaginations and sharing it with each other. To implement this intelligent system we can use a local server (word interchangeable to database) that will be restricted to a robot only and a global server where the authorized robots can upload their experiences which can be used by every robot (which is authorized to that server) to solve their problems.
Learning of Robots by using and sharing their Experiences

References

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Index Terms

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Keywords

Experience Robot Id (rid) Problem Id (pid) Environment Id (eid) Global Server
Local Server
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Learning