

Agent-Centric Coordination

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1 What are the pros and cons of the contracting phase when considering:

1.1 the agent's autonomy of the giacommo agent and of the companyXi agents

1.1.1 Pros

- autonomy: autonomy is about a person's ability to act on his or her own values and interests. [1]
- The giacommo agent doesn't need any information in regards to the initial belief of the company.
- Moreover the giacommo agent would be able to get the advantage of a bidding process which fetches the optimal result in terms of pricing

1.1.2 Cons

- giacommo agent like we said has no idea of the initial beliefs of the companies, that's getting involved. Hence, there's no autonomy on the side of giacommo i.e. giacommo cannot implement any of its values or interests in this situation.

1.2 the openness of the system, considering that agents supporting the companies may be developed by any company and join the "market place" to participate to the auctions

1.2.1 Pros

- The openness of the platform leads to the origination of facilities for a company to have multiple agents bid for the same auction with different bid rates. In this case a couple of companies own multiple agents. These company agents could bid for the same or may choose separate path.

1.2.2 Cons

- A single company has the ability to participate in multiple items' bids by making use of several agents.

2 What are the pros and cons of this new contracting phase when considering:

2.1 the agent's autonomy of the giacommo agent and of the company agents

2.1.1 Pros

- The giacommo agent becomes autonomous by gaining the ability to implement own values and interests. This is made possible when giacommo gets access to all the involved companies' skills, so now giacommo can use this knowledge to satisfy it's own values and interests.

2.1.2 Cons

- The giacommo agent has become autonomous by getting the ability to implement it's own values and interests. However, these values and interests shouldn't involve money. The meaning is that, the giacommo agent's own values and interests is best suited in terms of skills and not monetary related. Hence, when giacommo agent chooses it's winner, the winner offers the owner's desired skills not necessarily give the right pricing.

2.2 the openness of the system, considering that agents supporting the companies may be developed by any company and join the "market place" to participate to the auctions

2.2.1 Pros

- A single company doesn't have the ability to participate in multiple items' bids . A single company cannot be making use of several agents.

2.2.2 Cons

- The giacommo agent chooses a company based on the initial belief and skills that's being claimed by the company. The initial belief and skills could be good, bad or ugly; there's no guarantee.

References

- [1] <http://www.ifamilystudy.eu/what-is-autonomy-and-why-does-it-matter/>.