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Swarm Communication using Self Sovereign Identities

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Swarm communication represents a communication paradigm that offers support in building and running executable choreographies that can be used to model business workflows. In the current paper we present how Self Sovereign Identities (SSIs) can be used to improve the Swarm communication. The usage of the SSIs allows us to have a decentralized way to identify entities involved in Swarm choreographies, improving the security and privacy of the choreographies and their interactions.

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