Title: Towards a semantic based privacy solution for IoT

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Abstract: Collecting sensitive data in the IoT applications increases the data owner's worries about the potential uses of these data. In this context, many privacy-preserving mechanisms have been proposed in order to preserve privacy. Unfortunately, they neither address the whole data lifecycle nor deal with privacy legislation compliance. In this talk, we present our generic three-layered architecture. Then, we propose a privacy ontology in order to incorporate privacy legislation into privacy policies.

