

Introduction to Privacy Threat Modeling

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Abstract:

Operationalizing Privacy poses formidable challenges for companies. Through this talk, we will leverage a number of open-source privacy risk identification tools that can help with this task, and bring them to bear on a use-case inspired by real-world examples. We will begin with definitions, discussing powerful privacy harm taxonomies to establish a common vocabulary, and discussing the basics of the LINDDUN Privacy threat modelling framework. We will continue on to describe how a framework like LINDDUN can be structured to fit into a risk review process suitable for use in a large-scale company. Finally, we will introduce a published de-identification decision tree that students can use to categorize a risk and help orient a solution design, we will ask students to use the decision tree to categorize a use-case inspired by real-world examples, and we will ask students to identify the risks that are present in the use-case in the terminology of LINDDUN.

Bio:

Daniel Calderon is an alumni of the MSIT-Privacy Engineering program, class of 2017. After graduating, he joined Zalando SE as a Privacy Engineer in the Information Security unit (Founded in 2008 in Berlin, Zalando SE is Europe's leading online fashion platform connecting customers, brands, and partners). Since joining Zalando in 2018, he has worked on numerous projects such as enabling the GDPR Privacy Program through various privacy engineering projects, launching the Consent Management Platform, conducting Privacy Risk Reviews and improving upon and structuring their methodology, enhancing the Data Subjects Rights Processes, and spearheading the Information Security component of the project to enable Data Governance at scale.