Edit Your Trust

Motivation
Gut feelings don't quite apply for automated processing. When having to deal with signed objects of any sorts, validation of such signatures rely on policies. Such policies consist of rules, explicit or implicit, that influence the outcome of the validation. A set of trust anchors is part of these rules. We need to configure such policies and trust anchors for our daily use.

Project description

- Goals
  - Develop a client that allows editing policies and trust anchors.

- Tasks
  - Study the concept of policies and trust anchors and read the relevant standards.
  - Implement a class library covering policies
  - Implement an editor to edit a policy file
  - Add a function to this editor to allow editing trust lists. Allow for importing external trust lists and selecting elements from these lists to create a new one.
  - Implement signing such policy files and trust lists.
  - Evaluate integration option of the new functionality into the IAIK PKI and signature validation software.

Deliverables
- Project files (.zip, cleaned)
- Documentation (inline)
- Readme (getting started)
- Presentation (10 .ppt slides)

Project schedule
- Start Immediately
- Month 1: Reading
- Month 2: Development
- Month 3: Development, final deliverables

Bachelor Project
Studies: INF SEW TEL

Prerequisites
- Java programming

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