



Models for Privacy Engineering Interest Group

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Outline (1 hour)

- > Welcome
- > Opening remarks
- > Origins and overview of Eclipse IG on Models4Privacy
- > How to participate/join this IG
- > Questions
- > Closing remarks

Opening Remarks

> Dr. Ann Cavoukian





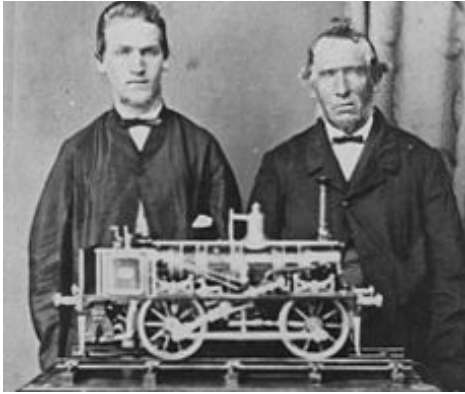
Origins and overview of EclipseIG on Models4Privacy

7 February 2024

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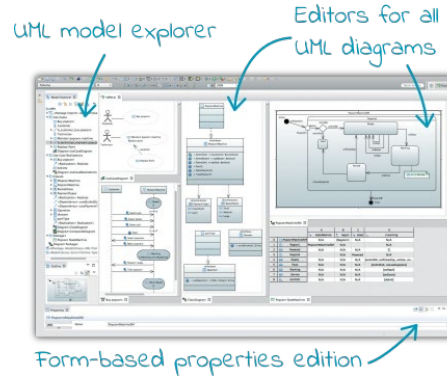
Why Models?



Model engineering

constructing proportionally-scaled miniature **working** representations of full-sized machines

Source wikipedia



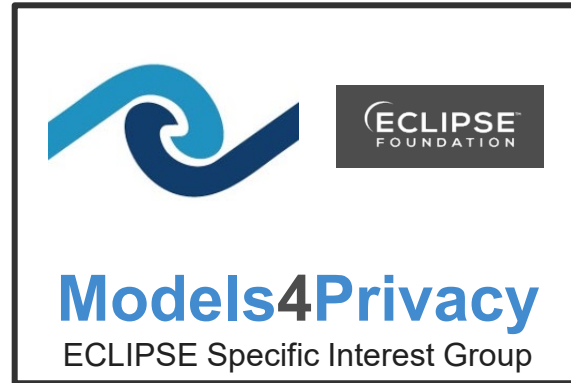
Model-based engineering

expressing specifications through **processable** models.
Diagram orientation (e.g. UML diagrams)

Objective: Community of Privacy Models

> Leverages following results

- PDP4E Privacy Data Protection for Engineering (<https://www.pdp4e-project.eu/>)
- ENERSHARE Energy data spaces (<https://enershare.eu/>)
- Privacy standards



Community Sharing

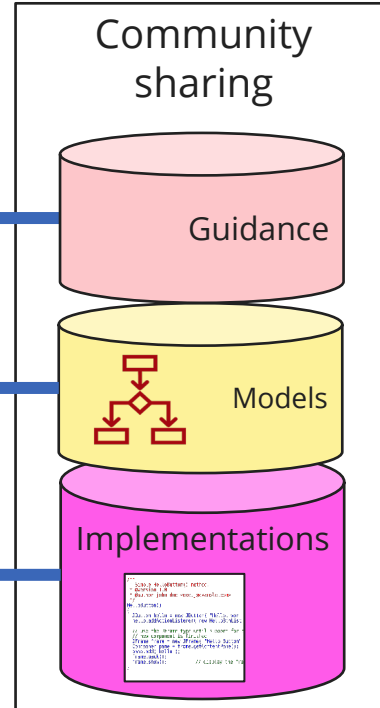


Models4Privacy
Community



Application
developer

Reuse



- Reuse
- Compliance (regulation, standards)
- Domain e.g. data spaces
- Enershare

Privacy engineering standards

(Green published – Orange managed at national body level – Red preliminary)



20889 Privacy enhancing data de-identification terminology and classification of techniques (2018)

27563 Security and privacy in artificial intelligence use cases — Best practices (2023)

27570 Privacy guidelines for smart cities (2021)

29134 Guidelines for privacy impact assessment (2023)

27550 Privacy engineering (2019)

27555 PII deletion guidelines (2021)

27556 Privacy preference management (2022)

31700-1 Privacy-by-design for consumer goods and services - high level requirements (2023)

31700-2 Privacy-by-design for consumer goods and services Use cases (2023)

27561 Privacy operationalisation (2024)

27091 AI systems privacy protection

27560 Consent record information structure

27564 privacy models

27565 Guidelines on privacy preservation based on zero knowledge proof

27568 Security and privacy of digital twins

Privacy assurance??

Initiatives that are related

> Privacy

- Privacy-by-design (Ann Cavoukian)
 - https://en.wikipedia.org/wiki/Ann_Cavoukian
- NIST Privacy Framework
 - <https://www.nist.gov/privacy-framework>
- EDPS European Data Protection Supervisor
 - https://edps.europa.eu/_en
 - IPEN
 - https://edps.europa.eu/data-protection/our-work/subjects/ipen_en
 - IPEN privacy standards
 - <https://ipen.trialog.com/>



> Engineering

- International Council on System Engineering (INCOSE)
 - <https://www.incose.org/>



> Data spaces

- IDSA, Gaia-X,





Eclipse Interest Group Operations and Governance Compliance

Sharon Corbett
Program Director, Industry Collaborations Operations

Models for Privacy Engineering Interest Group Membership



GPS BY DESIGN CENTRE



tecnal:a



Interest Group Industry Collaborations



- Interest groups are a light-weight, low-cost way for Eclipse Foundation members to collaborate on a common interest or domain in a vendor neutral manner based on the Eclipse Foundation governance structure, including its antitrust policy.
- Fashioned after the approach of Eclipse Projects
- Formal Process - (interest group process)
 - ◆ process for creating and managing interest groups
 - ◆ describes how members lead, influence and collaborate within the groups
 - ◆ facilitates collaboration between participating members to drive shared innovation through related Eclipse projects
 - ◆ members must respect the agreements, policies and procedures of the Eclipse Foundation and must conform at all times to the Eclipse Intellectual Property and Antitrust Policies

Defined Governance Framework

[Eclipse Foundation Bylaws](#)

[Eclipse Foundation Membership Agreement](#)

[Eclipse Interest Group Process](#)

[Eclipse Foundation Antitrust Policy](#)

[Eclipse Foundation Privacy Policy](#)

[Eclipse Foundation Intellectual Property Policy](#)

[Eclipse Foundation Trademark Usage Guidelines](#)

[Eclipse Foundation Code of Conduct](#)

[Eclipse Foundation Communication Channel Guidelines](#)

Eclipse Foundation Antitrust Policy



- Members of the Eclipse Foundation have a responsibility and obligation to comply with the Eclipse Foundation Antitrust Policy (https://www.eclipse.org/org/documents/Eclipse_Antitrust_Policy.pdf) in order to comply with antitrust laws.
- These laws generally prohibit the following:
 - Price-Fixing
 - Agreements to Allocate Markets
 - Concerted Refusals to Deal
 - Exchange of competitively sensitive information
- All Industry Collaboration activities must be conducted in an open, transparent and vendor-neutral manner. In particular meetings must also comply with the following:
 - Provide meeting notices in advance
 - Provide meeting agendas in advance, and stick to the topics on the agenda
 - Provide accurate meeting minutes; including their approval and dissemination
 - Perform a periodic reminder of the Eclipse Foundation Antitrust Policy
- If you have questions about these matters, please contact your company counsel or license@eclipse.org.

Interest Group Policy and Procedures



- open to all Strategic, Contributing, and Associate Members of the Eclipse Foundation
- must operate in an open and transparent manner
- can declare interest in Eclipse projects
- requires a defined Scope
- requires at least three members
- requires at least one Interest Group leads (IGL)
- requires a successful creation review
- requires Executive Director approval

Interest Groups Compliance



- During the Operational Phase, the Members involved in the Interest Group will work collaboratively on the various initiatives and materials that they collectively identify. This collaborative work must conform to this Interest Group Process, but otherwise Members are generally left to decide the specifics.
- Interest Groups must produce an annual activity report and pass an annual program review.

Success criteria for the annual program review is as follows:

- Operating in an open and transparent manner**
- Activity on the Interest Group mailing list**
- At least three participating members**
- Produce an annual activity report**
- Pass an annual Program Review**
- Executive Director approval to continue in the Operational Phase or move to Termination**

Interest Groups Compliance

General Hygiene:

- minutes, plans and other artifacts are open and easily accessible to all
- must operate in adherence to the Foundation's Code of Conduct.

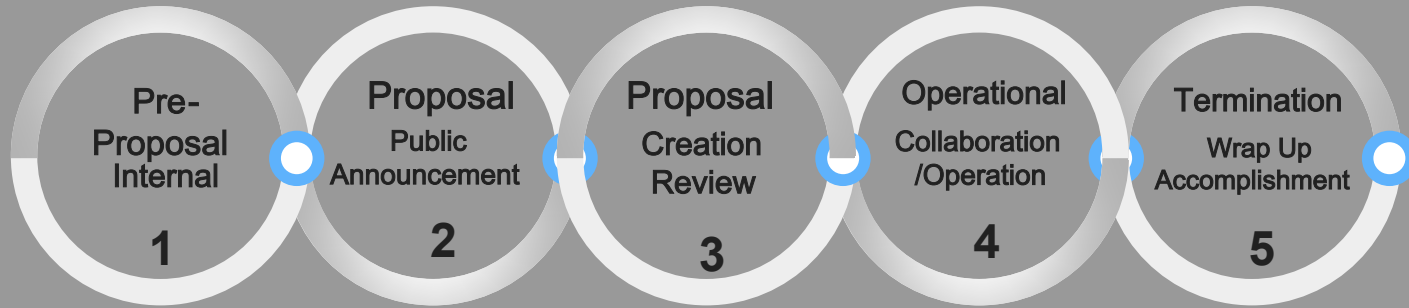
Interest Group Leads are responsible for:

- guiding the overall direction and by removing obstacles, solving problems, and resolving conflicts;
- operating the interest group using open source rules of engagement of transparency and open participation; and
- conformance to the Eclipse Foundation Intellectual Property and Antitrust Policies and associated processes.

Reminders

- do not form any committees or sub groups
- do not create software or specifications
- do take actions collegially by Participants (lazy consensus)
- do take formal decisions taken by vote of the Participant Representatives
 - For voting purposes, a Participating Member may designate either an alternate Participant from their organization to represent their Participant Representative at any time, or to assign their vote via proxy to another Participant Representative.
 - **Associate Members of Eclipse Foundation are non-voting members, as defined in the Bylaws.**
- ***Only members of the Eclipse Foundation can participate in interest groups***
- **All members must have the Eclipse Member Committer and Contributor Agreement executed**
- Participants please create an [eclipse account](#)

Collaborations Lifecycle - Interest Groups



EF Members may initiate
Submission of Proposal
Subject to EMO process
& approval

External/Public
Scope approved
Announce to
Membership At Large
Garner Support & Participation
ED Approval

Interest Group Lead
Three Participants (Min)
MCCA required
ED Approval

Member Ownership
Open & Transparent
Collaboration & Innovation
Produce annual activity report
Pass an Annual Program Review

Expected
Period of time
Super-majority vote
Inactive/Non Compliant
ED Approval

↑
**Models for
Privacy
Engineering**

Interest Groups:
Models for
Privacy Engineering
openMobility*

Learn More





OPEN CODE EXPERIENCE

22-24 October 2024
Mainz, Germany

<https://opencode-x.org/>

Resources



- [Interest Group Process](#)
- [Interest Group FAQ](#)
- [Models for Privacy Interest Group Page](#) based on Proposal (closed following creation)
 - Additional information vetted by EMO and revisions made by EMO
- [Gitlab](#)
- Google Drive (being adjusted this quarter)
- Website can be created (maintained by IG but must abide by same rules for projects) see the [Project Handbook](#) regarding websites (In Progress)
- Explore [Eclipse Interest Groups](#) and all [Eclipse Industry Collaborations Showcase](#)
- Questions Contact us: collaborations@eclipse-foundation.org



Thank you!

Models4Privacy Website – Coming Soon !



Thank

A group of five hands of different skin tones are holding up large, colorful letters that spell out the word 'Thank'. The letters are: 'T' (orange), 'h' (light blue), 'a' (pink), 'n' (light green), and 'k' (purple). The hands are positioned below each letter, supporting it from underneath.

You

A group of three hands of different skin tones are holding up large, colorful letters that spell out the word 'You'. The letters are: 'Y' (yellow), 'o' (light blue), and 'u' (pink). The hands are positioned below each letter, supporting it from underneath.