



Global Software Development Workshop

ICSE - 9 May 2003

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Supporting an Explicit Organizational Model in
Global Software Engineering Projects



Problem

- Organizational knowledge is mostly implicit
- What is explicit is out of date and redundant across tools
- Without informal communication, inconsistencies cannot be easily resolved

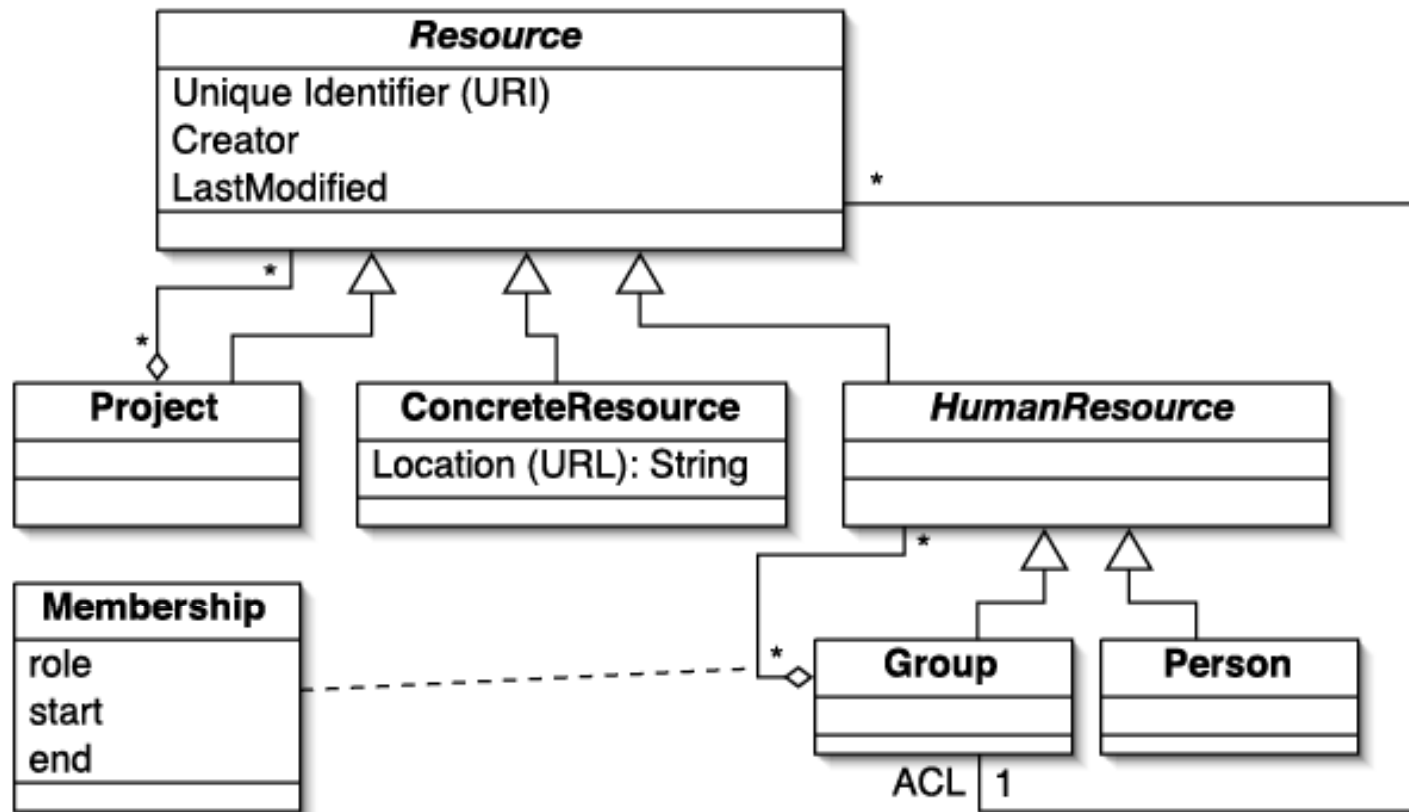
GLOBAL  SOFTWARE ENGINEERING project course using
several tools ~25 developers in Germany and
~10 developers in New Zealand



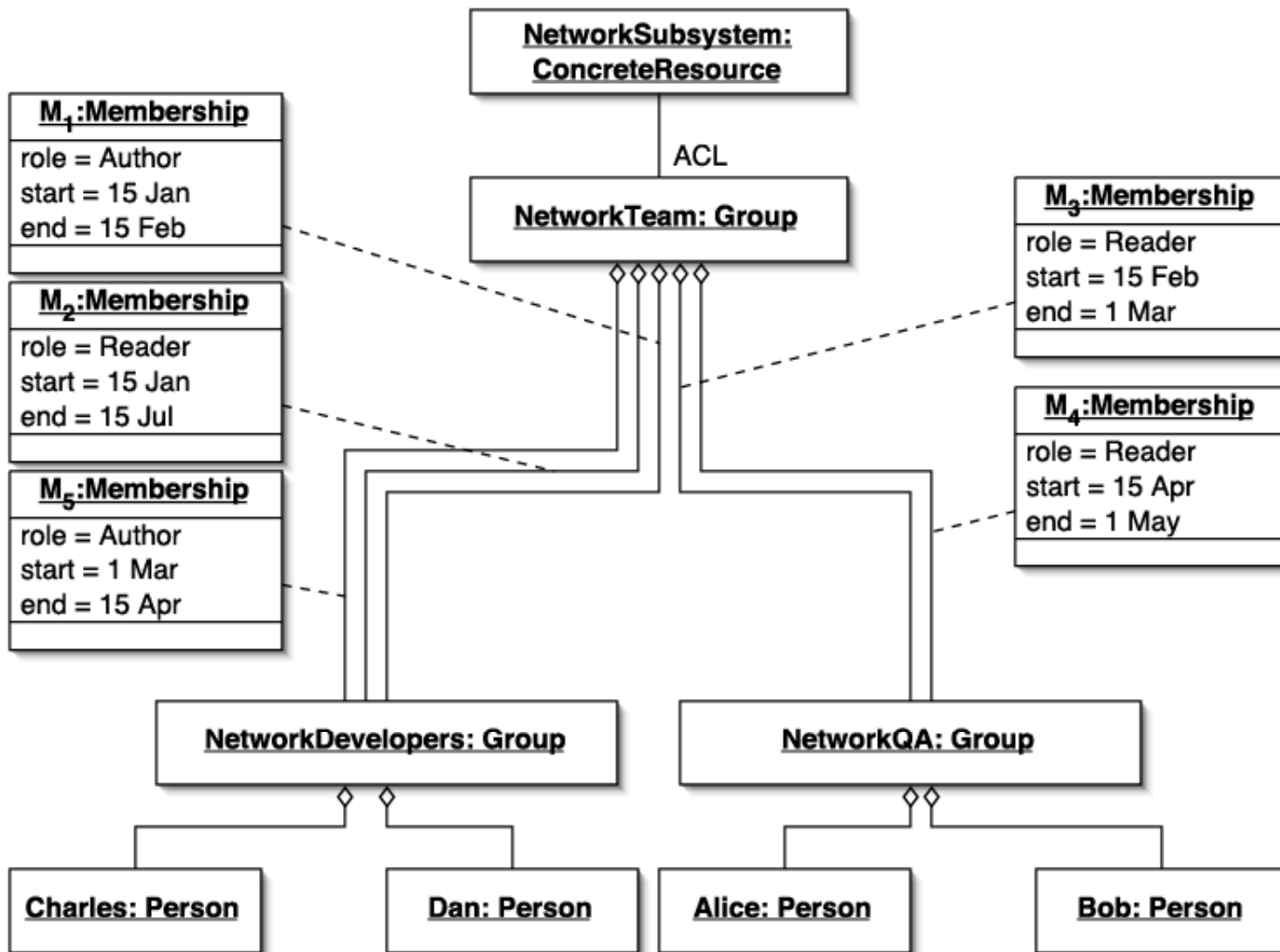
Approach

- Currently: Org. White Pages
 - Directory Service: contact info, passwords
 - Unified model of membership and access
- Required: Org. Yellow Pages
 - Based on explicit organizational model
 - Dynamic model, can change over time
 - Self-manageable

Directory Object Model



Example





Conclusion

- Technology-driven approach
- Provide incentives for developers to manage their data
- Issues of privacy and trust: unified access model
- Complex organizational and human processes, assess impact of system
- Future Work: Widen integration to entity objects of CASE tools