

Requirements Traceability

Gruppe 1

Silke Gegenbauer

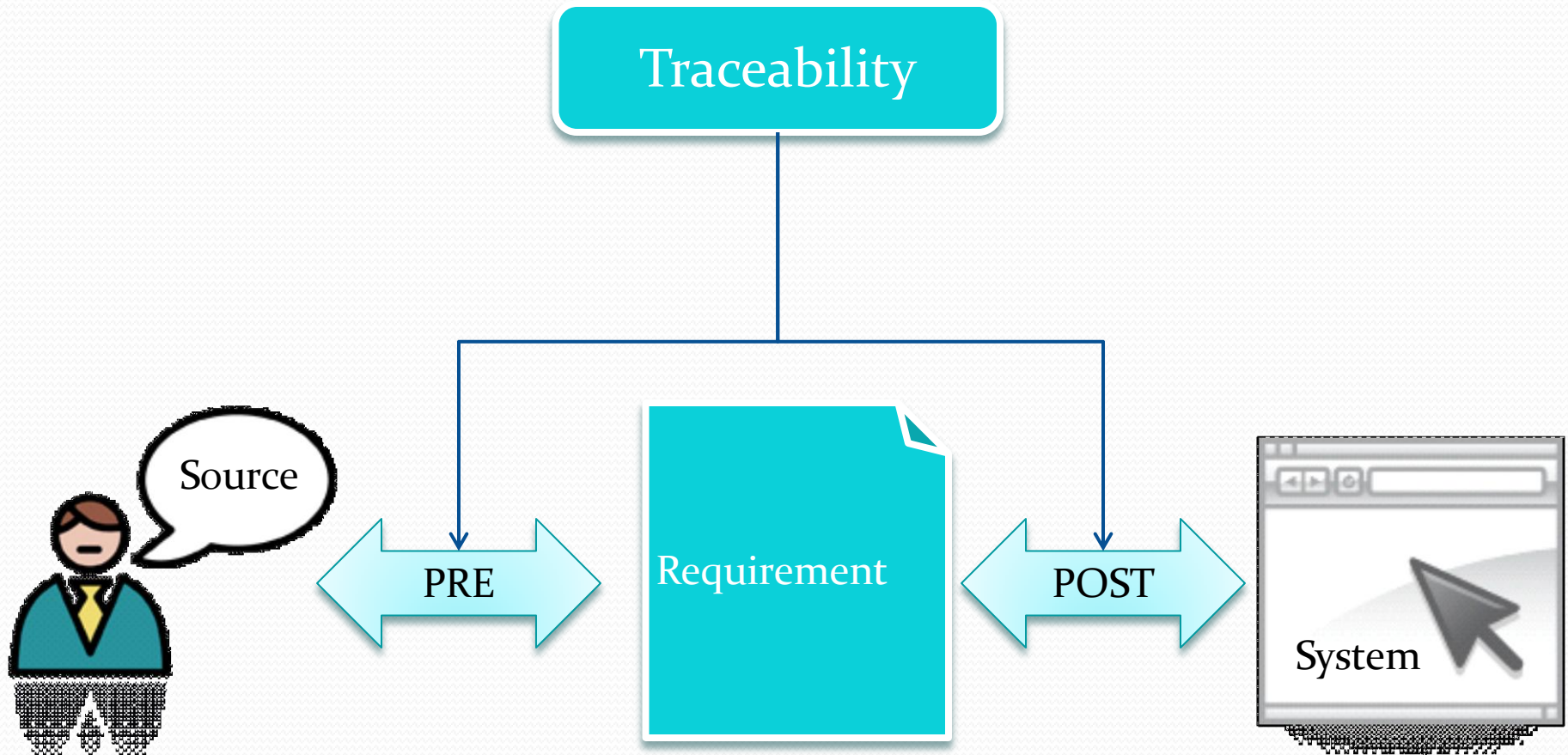
Simon Poltier

Nils Krönert

Agenda

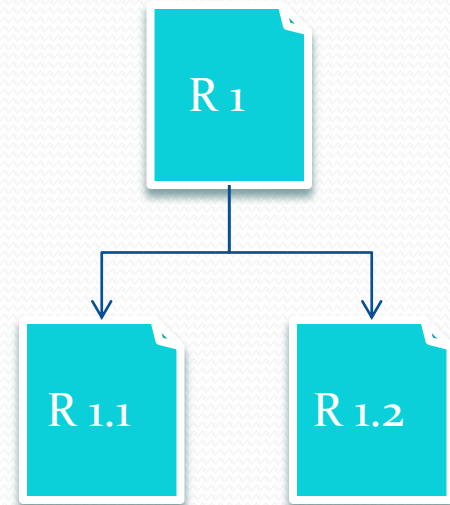
- Definition of Post-Traceability
- Use of Post-Traceability
- Maintenance of Post-Traceability

Definition of Traceability



What is Post-Traceability?

- Link between the Requirement and the System or System-Components
- Link between different Requirements (also for hierarchical purpose)



Use of Post-Traceability

Post-Traceability can be used in

- Change Management
 - Analysing the impact of change
 - Propagating of change
- Quality Management
 - Verifying system and system components
- Risk Management
 - Analysing the impact of risk from a certain requirement
- Managing requirements
 - Helps deciding whether to maintain a requirement

Maintenance of Post-Traceability

Initial: Requirement specification with traceability

- Definition of maintenance rules
- (Semi-)automatic application of the rules
 - Automatic for standard procedures
 - Flagging of other affected parts
- Modulating affected parts
- Deduction of new maintenance rules