

Supplementary Material to the Paper "Towards a Goal-Centric Assessment of Requirements Engineering Methods for Privacy by Design"
Requirements Engineering Method Goal (MG) 2: Achieving understandability of GDPR in software engineering

Goals	Subgoals	Questions	Criteria/Metrics
MG2: Achieving understandability of GDPR in software engineering	MG2.1: clarity of GDPR to all the involved roles	Q2.1.1: Does method help to define the roles responsible for compliance implementation?	M2.1.1.1: roles established
		Q2.1.2: Does method help to define responsibilities of each role?	M2.1.2.1: responsibilities established
		Q2.1.3: Does method help to have a single source of information for all the roles to achieve common understanding?	M2.1.3.1: single source of information
		Q2.1.4: Are specifications used by roles easy to misinterpret?	M2.1.4.1: correctness
		Q2.1.5: Are specifications clear to each role in their context?	M2.1.5.1: number of ambiguities identified
			M2.1.5.2: job relevance
			M2.1.5.3: utility
			M2.1.5.4: usefulness
			M2.1.5.5: applicability
		Q2.1.6: Can development team autonomously work on compliance using the method?	M2.1.4.1: number of external GDPR requests
			M1.1.4.2: number of compliance breaches
	MG2.2: assuring awareness about compliance aspects	Q2.2.1: Are the roles aware about the relevant risks?	M2.2.1.1: number of risks identified
		Q2.2.2: Are the roles aware of implementation effort?	M2.2.2.1: effort assessment is available
		Q2.2.3: Does method facilitate clarity of the level of sufficient compliance in organization?	M2.2.3.1: roles feedback
		Q2.2.4: Does method facilitate clarity of the GDPR compliance strategies in organization?	M2.2.4.1: roles feedback
	MG2.3: concrete and clear GDPR-to-system mapping	Q2.3.1: Can method help to identify all relevant GDPR norms and concepts?	M2.3.1.1: completeness
			M2.3.1.2: coverage
		Q2.3.2: Can method help to identify all relevant software components/data?	M2.3.2.1: completeness
			M2.3.2.2: coverage
		Q2.3.3: How reliable is the interpretation and mapping?	M2.3.3.1: accuracy
	MG2.4: sustaining understanding	Q2.4.1: Is GDPR interpretation available in clear form?	M2.3.3.2: correctness
			M2.4.1.1: usability
			M2.4.2.1: precision across projects
		Q2.4.2: Does interpretation work the same correct way in different projects?	M2.4.2.2: recall across projects
			M2.4.2.3: accuracy across projects
			M2.4.3.1: completeness
	MG2.5: synthesis of best practices	Q2.4.3: Are interpretation and required legal context information available in the future?	M2.4.4.1: traceability coverage of changes
			M2.4.4.2: updates number
	MG2.6: making automation understandable	Q2.4.4: Do understanding and awareness sustain in case of system or regulatory changes?	M2.5.1.1: documentation usability
			M2.5.1.2: documentation scalability
			M2.5.1.3: documentation modularity
			M2.6.1.1: documentation availability
		Q2.5.1: Can method facilitate synthesis of GDPR compliance best practices and reuse experience?	M2.6.1.2: documentation usability
		Q2.6.1: Is it clear how automation works and is implemented?	