

Supplementary Material to the Paper "Towards a Goal-Centric Assessment of Requirements Engineering Methods for Privacy by Design"
Requirements Engineering Method Goal (MG) 4: Documenting the required information

Goals	Subgoals	Questions	Criteria/Metrics
MG4: Documenting the required information	MG4.1: availability of required documentation	Q4.1.1: Is legal documentation available?	M4.1.1.1: documentation completeness
		Q4.1.2: Is documentation relevant for the roles involved?	M4.1.2.1: use of compliance information
		Q4.1.3: Does documentation facilitate roles understanding and awareness?	M4.1.2.2: documentation usability
		Q4.1.4: Is ownership clear in documentation?	M4.1.3.1: roles feedback
	MG4.2: having documentation versioning and history	Q4.2.1: Are versions of legal interpretation available?	M4.1.4.1: number of owners identified
		Q4.2.2: Does method allow to track how legal interpretation evolved?	M4.2.1.1: number of interpretation versions
	MG4.3: assuring documentation has required content	Q4.3.1: Does method allow to document data classification?	M4.2.2.1: number of interpretation versions
		Q4.3.2: Does method allow documenting data processing activities and purposes classification?	M4.3.1.1: proportion of classified data
		Q4.3.3: Does method allow documenting period of data processing?	M4.3.2.1: proportion of processing and purposes mapped
		Q4.3.4: Does method allow documenting who can access data and how?	M4.3.3.1: proportion of processing period documented
		Q4.3.5: Does method allow documenting sources of requirements?	M4.3.4.1: proportion of documented entities having data access
		Q4.3.6: Does method allow documenting decisions made and solutions?	M4.3.5.1: proportion of sources documented
		Q4.4.1: Does method support keeping documentation up to date?	M4.3.6.1: number of decisions and solutions documented
		Q4.4.2: Does method support documentation correctness?	M4.4.1.1: update frequency
	MG4.4: assuring documentation meets characteristics	Q4.4.3: Is it possible to find GDPR norms addressed with specification using the method?	Q4.4.2.1: number of GDPR breaches
		Q4.4.4: Is it possible to get an overview of how compliance was implemented?	M4.4.3.1: proportion of norms identified
		Q4.4.5: Is documentation understandable?	M4.4.4.1: proportion of controls documented
		Q4.4.6: Is it possible to identify a design rationale?	M4.4.5.1: roles feedback
		Q4.4.7: Is it possible to identify the required effort?	M4.4.6.1: roles feedback
		Q4.4.8: Is it possible to isolate components requiring compliance and business changes?	M4.4.7.1: roles feedback
		Q4.4.9: Is it possible to easily identify responsible persons and responsibilities?	M4.4.8.1: degree of separation
		Q4.5.1: Is requirements-to-system traceability documented?	M4.4.9.1: roles feedback
		Q4.5.2: Is GDPR-to-system traceability documented?	M4.5.1.1: proportion of requirements-to-system traces documented
	MG4.5: documenting GDPR-to-system mapping	Q4.5.3: Is GDPR-to-requirements traceability documented?	M4.5.2.1: proportion of GDPR-to-system traces documented
		Q4.5.4: Are all relevant requirements mapped to system components?	M4.5.3.1: proportion of GDPR-to-system traces documented
		Q4.5.5: Is it documented how mapping was conducted?	M4.5.4.1: completeness
		Q4.5.6: Is documentation usable for compliance verification?	M4.5.5.1: procedure description availability
			M4.5.6.1: documentation usability
			M4.5.6.2: roles feedback