

## Solutions explored in MW

		1	2	3	4
Use a Component taxonomy (~BOM) as a reference to annotate rules (rules as Text part / Taxonomy as Model part)	MW synch. mechanism + Semantic Annotation tool (WP2+WP4)	+	+	-	-
Extend first approach to annotate other artefacts/models	MW synch. mechanism + Semantic Annotation tool (WP2+WP4)	+	-	+	+
Add semantics to Component description (ontology) to enable reasoning	MW synch. mechanism + reasoning mechanisms dedicated to synchronization (WP4+WP3)	+	+	+	
Model rules written in natural language by formalizing them in Description Logic and vice versa / Ability to dynamically update the Component ontology and apply some checks on design rules	MW synch. mechanism + Semantic parsing/DL generation (WP4+WP2)		+	+	+
Model rules written in natural language by formalizing the rules in relational logic	MW synch. mechanism + MW model (WP4+WP3)			+	+

1=Rule retrieval, 2=Rule change, 3= Traceability, 4=Design check