cross-language identifier constraint taxonomy	description	Android XLL Conventions										SpringMVC XLL Conventions								Mybatis XLL Conventions								Ability to specify constraints	
		layout link: content view	layout link: view binding	layout link: data binding	layout link: butterknife	id link: resource access	id link: view binding	id link: butterknife	model link: databinding	setter link: databinding	field link: databinding	view link: return value (static)	view link: return value (dynamic)	view link: ModelAndView	Model attribute link: view in return value (static)	Model attribute link: view in return value (dynamic)	ModelMap attribute link: view in return value (static)	ModelMap attribute link: view in return value (dynamic)	Attribute field	mapper link	model link: parameter type	model link: result type	query link	parameter link: mapper query	parameter link: mapper query with include tag	paramerter link: annotation query	parameter field link	QVT/R-Link	Focus
independent	Constraints on a single identifier.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	–
naming	Constraints on the naming format of the identifier.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	–
prefix/suffix	Constraints on possible prefixes or suffixes of the identifier.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	✓	✓
naming style	Constraints on the naming style of the identifier.		○	○		○	○			○	○									○	○	○	○	○	○			✓	✓
context	Constraints on the context information of the identifier.				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	–
parent	Constraints on the parent element of the identifier.					○	○	○	○	○	○	○	○	○	○	○	○	○	○		○	○	○				○	✓	✓
ancestors	Constraints on the ancestor elements with uncertain distance from the identifier.				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○							○	○	✗	✓
siblings	Constraints on the sibling elements in the context of the identifier.				○	○	○	○		○	○													○	○	○	○	✗	✓*
attributes	Constraints on attributes of the identifier.					○				○	○					○		○						○	○	○	○	✓	✓
inter-related	Constraints on the relationship between a pair of identifiers.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	–
naming	Constraints on the names of two identifiers.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	–
identical	Constraints that require that the name of two identifiers are identical.								○	○		○	○		○	○		○		○				○			○	✓	✓
prefix/suffix change	Constraints that require that the name of one of the identifiers can be transformed to the other after changes of the prefix or suffix.	○	○	○	○	○	○			○	○			○	○		○		○	○	○	○	○	○			○	✓	✓
naming style change	Constraints that require that the name of one of the identifiers can be transformed to the other after changes of naming style.		○	○		○	○		○	○	○									○	○	○	○	○	○			✓	✓
context	Constraints on the relationship between the context information of two identifiers.				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				○	○	○	○	○	–	–
parent	Constraints on how the parent element of one of the identifiers is related to the other.					○	○	○	○	○	○	○	○	○	○	○	○	○	○		○	○	○				○	✓	✓
ancestors	Constraints on how the ancestor elements of one of the identifiers are related to the other.					○	○	○	○	○	○	○	○	○	○	○	○	○	○							○		✗	✓
siblings	Constraints on how the sibling elements of one of the identifiers are related to the other.																						○	○	○	○	○	✗	✓*
attributes	Constraints on how the attributes of one of the identifiers are related to the other.					○				○	○													○	○	○	○	✓	✓
Ability to specify conventions — QVT/R-Link		✓	✓	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗	✓	✗		
Ability to specify conventions — Focus		✓	✓	✓	✓	✓	✓*	✓	✓	✓	✗	✓	✗	✓	✓	✗	✓	✗	✗	✓	✓	✓	✓	✓	✓	✓	✗		