JSON UDL-SC SYNTAX -VALUE-	SOLIDITY GRAMMAR ELEMENT -KEY-	DESCRIPTION
GENERAL INFORMATION ON THE CONTRACT		
{}	contract xx {} ;	The skeleton of the Main template.
"name"	contract *tva*	the name of the contract
"version"	pragma solidity *tva*	solidity version
"Functions" : [....]	-	List of functions and its descriptions
"Events": [....]	-	List of events and its descriptions
FUNCTION		
{}	function xx(parameters) {}	The skeleton of the function templates.
"name": "",	function *tva*(parameters) {}	name of the function
"Type": "",	function xx(parameters) *tva*{}	Type of the function
"scope" : "",	function xx(parameters) *tva*{}	The scope of the function
"description" : "",	// *tva* in a comment	The description value will be pasted as a comment to understand the function purpose
"inputs":[]	-	List of inputs and its descriptions
"outputs": []	-	List of outputs and its descriptions
EVENT		
{}	event xx();	The skeleton of the event template.
"name": "",	event *tva*(parameters);	name of the event
"Type": "",	View or pure	Type of the event
"outputs": []	-	List of outputs and its descriptions
FUNCTION INPUTS AND OUTPUTS		
"name": "",	*tva*	name of the input or the output
"Type": "",	Solidity variables types	type of the input or the output
EVENT OUTPUT		
"name": "",	*tva*	name of the input
"Type": "",	Solidity variables types	type of the input
"is-indexed":""	boolean	
MODIFIER		
{}	modifier xx {} ;	The skeleton of the modifier template.
"name": "",	modifier *tva*() {}	name of the modifier
"condition":""	require(*tva*);	condition of the modifier
"inputs": []	- 2	List of inputs and its descriptions
MODIFIER INPUTS		
"name": "",	*tva*	name of the input
"Type": "",	Solidity variables types	type of the input

Table 1: The UDL-SC and solidity matching database

tva : the value of the attribute