componentTags	testTags that depend on this component
FunctionDefinition	
UnitDefinition	
InitialAssignment	
AssignmentRule	
RateRule	
AlgebraicRule	
Constraint	
EventWithDelay	
EventNoDelay	
Compartment	2D-Compartment, 1D-Compartment, 0D-Compartment, NonConstantCompartment, NonUnityCompartment, MultiCompartment
Species	InitialAmount, InitialConcentration, HasOnlySubstanceUnits, BoundaryCondition, ConstantSpecies
Reaction	FastReaction, ReversibleReaction, ZeroRate, NonUnityStoichiometry, StoichiometryMath, LocalParameters
Parameter	NonConstantParameter

The testTags listed CANNOT be tested if the componentTag is missing.

NOTE: NonConstantCompartment and NonConstantParameter need either an AssignmentRule or a RateRule to be present.

There are some other dependencies between componentTags:

componentTags	componentTags required to test this component (at least one of the following must also be present)
FunctionDefinition	InitialAssignment, AssignmentRule, RateRule, AlgebraicRule, Constraint, EventWithDelay, EventNoDelay, Reaction
UnitDefinition	
InitialAssignment	Compartment, Species, Parameter
AssignmentRule	Compartment, Species, Parameter
RateRule	Compartment, Species, Parameter
AlgebraicRule	
Constraint	
EventWithDelay	Compartment, Species, Parameter
EventNoDelay	Compartment, Species, Parameter
Compartment	
Species	Compartment (MUST BE PRESENT)
Reaction	Species and therefore Compartment (MUST BE PRESENT)
Parameter	

componentTags	l1v2	l2v1	l2v2	l2v3
FunctionDefinition		X	X	X
UnitDefinition	X	X	X	X
InitialAssignment			X	X
AssignmentRule	X	X	X	X
RateRule	X	X	X	X
AlgebraicRule	X	X	X	X
Constraint			X	X
EventWithDelay		X	X	X
EventNoDelay		X	X	X
Compartment	X	X	X	X
Species	X	X	X	X
Reaction	X	X	X	X
Parameter	X	X	X	X

X – indicates that this component exists in this level/version

This lists only those testTags that do not apply in every level/version.

X – indicates that the tag does apply for this level/version

testTags	l1v2	l2v1	l2v2	l2v3
2D-Compartment		X	X	X
1D-Compartment		X	X	X
0D-Compartment		X	X	X
InitialConcentration		X	X	X
HasOnlySubstanceUnits		X	X	X
ConstantSpecies		X	X	X
StoichiometryMath		X	X	X
CSymbolTime		X	X	X
CSymbolDelay		X	X	X
Delay		X	X	X
MassUnits		X	X	X
MathML		X	X	X