

1 Namespace: "http://www.pharmml.org/2013/03/ModelDefinition"

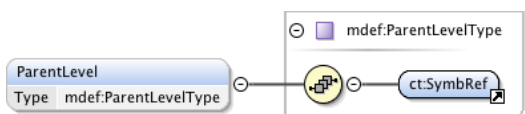
1.1 Schema(s)

1.1.1 Main schema modelDefinition.xsd

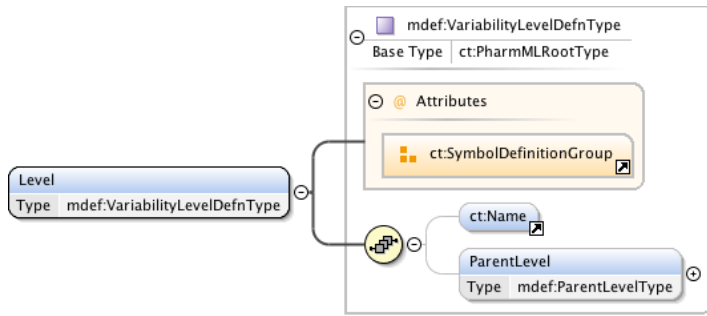
Namespace	http://www.pharmml.org/2013/03/ModelDefinition
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1.2 Element(s)

1.2.1 Element mdef:VariabilityLevelDefnType /mdef:ParentLevel

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Parent variability level.
Diagram	
Type	mdef:ParentLevelType

1.2.2 Element mdef:VariabilityDefnBlock /mdef:Level

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	A variability level within the model.
Diagram	
Type	mdef:VariabilityLevelDefnType

1.2.3 Element mdef:CommonParameterElement

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Abstract element defining parameters used in the model.


Diagram	
Type	mdef:CommonParameterType
Substitution Group	<ul style="list-style-type: none"> • mdef:SimpleParameter • mdef:IndividualParameter • mdef:RandomVariable

1.2.4 Element **mdef:CommonParameterModelType** /**mdef:Correlation**

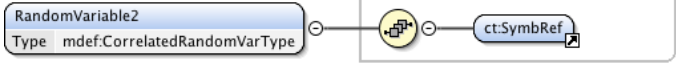
Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines the correlation between the random effects.
Diagram	
Type	mdef:CorrelationType

1.2.5 Element **mdef:CorrelationType** /**mdef:RandomVariable1**


Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The first correlated parameter.

Diagram	 <p>The diagram shows a box labeled 'RandomVariable1' with 'Type mdef:CorrelatedRandomVarType' below it. To its right is a yellow circle with a plus sign, followed by a box labeled 'ct:SymbRef' with a small icon to its right. Above these elements is a legend box containing a purple square, the text 'mdef:CorrelatedRandomVarType', and 'Base Type ct:PharmMLRootType'.</p>
Type	mdef:CorrelatedRandomVarType

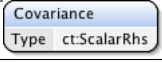
1.2.6 Element **mdef:CorrelationType** /**mdef:RandomVariable2**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The second correlated parameter.
Diagram	 <p>The diagram shows a box labeled 'RandomVariable2' with 'Type mdef:CorrelatedRandomVarType' below it. To its right is a yellow circle with a plus sign, followed by a box labeled 'ct:SymbRef' with a small icon to its right. Above these elements is a legend box containing a purple square, the text 'mdef:CorrelatedRandomVarType', and 'Base Type ct:PharmMLRootType'.</p>
Type	mdef:CorrelatedRandomVarType

1.2.7 Element **mdef:CorrelationType** /**mdef:CorrelationCoefficient**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The correlation co-efficient variable.
Diagram	 <p>The diagram shows a box labeled 'CorrelationCoefficient' with 'Type ct:ScalarRhs' below it.</p>
Type	ScalarRhs

1.2.8 Element **mdef:CorrelationType** /**mdef:Covariance**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The covariance for both parameters.
Diagram	 <p>The diagram shows a box labeled 'Covariance' with 'Type ct:ScalarRhs' below it.</p>
Type	ScalarRhs

1.2.9 Element **mdef:ObservationError**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Abstract element defining an observation error.

Diagram	
Type	mdef:ObservationErrorType
Substitution Group	<ul style="list-style-type: none"> mdef:Standard mdef:General

1.2.10 Element **mdef:GaussianObsError** /**mdef:Transformation**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition		
Annotations	Defines the transformation (u) applied to both sides of equation.		
Diagram			
Type	mdef:LhsTransformationType		
Facets	enumeration	log	Natural log transformation.
	enumeration	logit	Logit transformation.
	enumeration	probit	Probit transformation.

1.2.11 Element **mdef:GaussianObsError** /**mdef:Output**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition		
Annotations	The output variable from the structural model.		
Diagram			

1.2.12 Element **mdef:GaussianObsError** /**mdef:ErrorModel**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition		
Annotations	The error model (g) to apply to the residual error.		
Diagram			

1.2.13 Element **mdef:GaussianObsError** /**mdef:ResidualError**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition		
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Annotations	The residual error (eps).
Diagram	

1.2.14 Element `mdef:GeneralObsError` /`mdef:Transformation`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition	
Annotations	Defines a transformation applied to the left-hand-side of the residual error equation.	
Diagram		
Type	mdef:LhsTransformationType	
Facets	enumeration	log Natural log transformation.
	enumeration	logit Logit transformation.
	enumeration	probit Probit transformation.

1.2.15 Element `mdef:IndividualParameterType` /`mdef:GaussianModel`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition	
Annotations	Defines a Gaussian model, with either linear or non-linear covariates.	
Diagram		

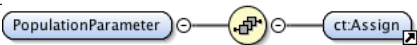
1.2.16 Element `mdef:IndividualParameterType` /`mdef:GaussianModel` /`mdef:Transformation`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition	
Annotations	The transformation (h) applied to both sides of the equation.	
Diagram		
Type	mdef:LhsTransformationType	
Facets	enumeration	log Natural log transformation.
	enumeration	logit Logit transformation.
	enumeration	probit Probit transformation.

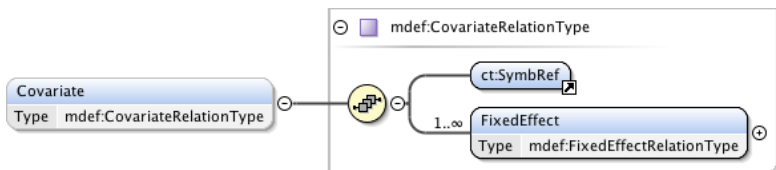
1.2.17 Element `mdef:IndividualParameterType` /`mdef:GaussianModel` /`mdef:LinearCovariate`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition	
Annotations	Defines the linear covariate model: $h(\psi_{pop}) + \beta c_i$	
Diagram		

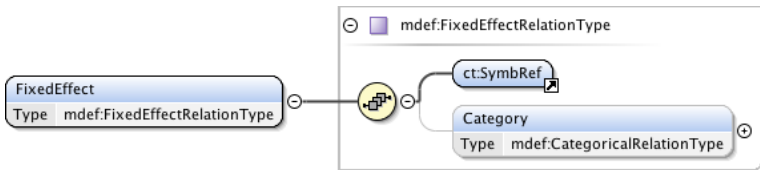
1.2.18 Element `mdef:IndividualParameterType` /`mdef:GaussianModel` /`mdef:LinearCovariate` /`mdef:PopulationParameter`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The population parameter: psi_pop.
Diagram	

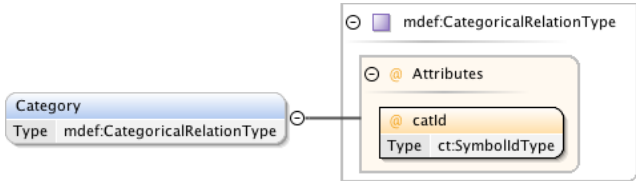
1.2.19 Element `mdef:IndividualParameterType` /`mdef:GaussianModel` /`mdef:LinearCovariate` /`mdef:Covariate`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines the linear covates: beta c_i
Diagram	
Type	mdef:CovariateRelationType

1.2.20 Element `mdef:CovariateRelationType` /`mdef:FixedEffect`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The fixed effect relating the parameter and covariate.
Diagram	
Type	mdef:FixedEffectRelationType

1.2.21 Element `mdef:FixedEffectRelationType` /`mdef:Category`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition				
Annotations	Specifies the category value of the covariate that must apply when this fixed effect is to be used in the parameter equation. This is equivalent to specifying the following: 1_cov=cat . beta.				
Diagram					
Type	mdef:CategoricalRelationType				
Attributes	QName	Type	Use		
	catId	SymbolIdType	required		
Specifies the category value of the covariate to which this relationship applies. For example if a covariate is sex then the Female category may be specified as catId="F".					

1.2.22 Element `mdef:IndividualParameterType` /`mdef:GaussianModel` /`mdef:GeneralCovariate`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	A general covariate model definition. This can be used to define a non-linear covariate model. This equates to H in the above definitions.
Diagram	

1.2.23 Element `mdef:IndividualParameterType` /`mdef:GaussianModel` /`mdef:RandomEffects`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The random effects (eta) used in the gaussian parameter model.
Diagram	
Type	<code>mdef:ParameterRandomEffectType</code>

1.2.24 Element `mdef:CovariateDefinitionType` /`mdef:Continuous`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Specifies a continuous covariate.
Diagram	
Type	<code>mdef:ContinuousCovariateType</code>

1.2.25 Element `mdef:ContinuousCovariateType` /`mdef:Transformation`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The transformation to be applied when the covariate is used.
Diagram	
Type	<code>mdef:CovariateTransformationType</code>

1.2.26 Element `mdef:CovariateDefinitionType` /`mdef:Categorical`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Specifies a categorical covariate.
Diagram	
Type	<code>mdef:CategoricalCovariateType</code>

1.2.27 Element `mdef:CategoryType` /`mdef:Category`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition				
Annotations	A category of the categorical covariate.				
Diagram					
Type	<code>mdef:CategoryType</code>				
Attributes	QName	Type	Use		
	<code>catId</code>	SymbolIdType	required		
		The identifier of the category.			

1.2.28 Element `mdef:CategoryType` /`mdef:Probability`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition				
Annotations	The definition of the probability associated with this category.				
Diagram					
Type	ScalarRhs				

1.2.29 Element `mdef:SimpleParameter`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition				
Annotations	Defines a simple parameter.				
Diagram					
Type	<code>mdef:SimpleParameterType</code>				

Substitution Group Affiliation	<ul style="list-style-type: none"> mdef:CommonParameterElement
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1.2.30 Element **mdef:CovariateModelType** /**mdef:Covariate**

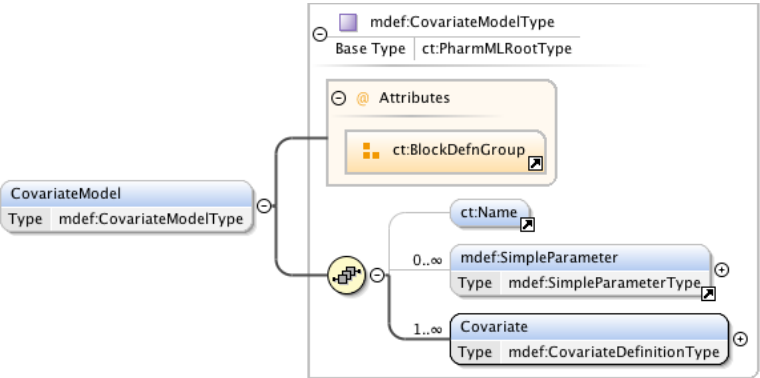
Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines a covariate.
Diagram	
Type	mdef:CovariateDefinitionType

1.2.31 Element **mdef:ModelDefinitionType** /**mdef:VariabilityModel**

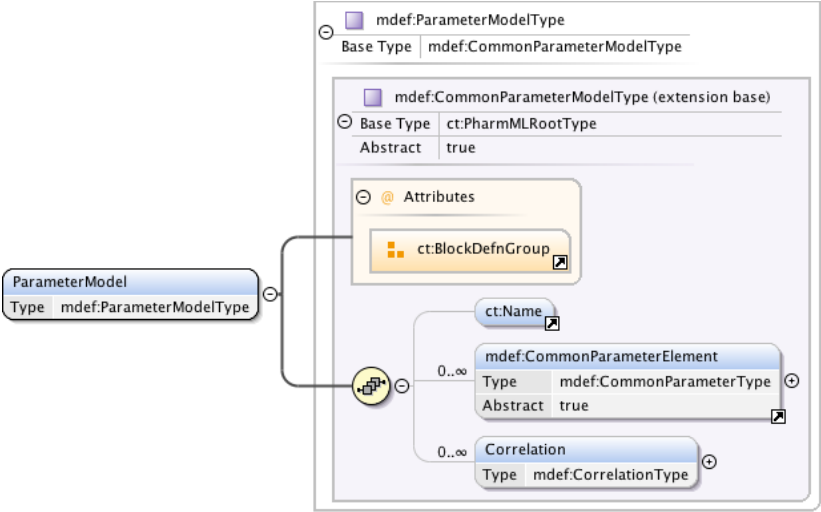
Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	A variability level.
Diagram	
Type	mdef:VariabilityDefnBlock

1.2.32 Element **mdef:ModelDefinitionType** /**mdef:CovariateModel**

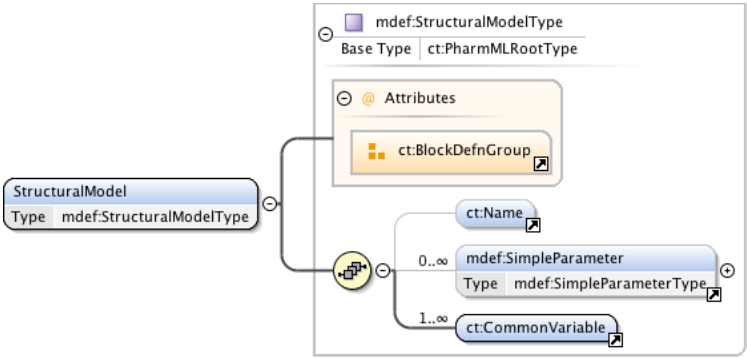
Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	A covariate model.

Diagram	 <p>The diagram shows the structure of <code>mdef:CovariateModelType</code>. It is a base type of <code>ct:PharmMLRootType</code>. It has an attribute <code>ct:BlockDefnGroup</code>. It contains a complex type <code>CovariateModel</code> of type <code>mdef:CovariateModelType</code>. This complex type is composed of a sequence of elements: <code>ct:Name</code> (type <code>ct:Name</code>), <code>mdef:SimpleParameter</code> (type <code>mdef:SimpleParameterType</code>, cardinality 0..∞), and <code>Covariate</code> (type <code>mdef:CovariateDefinitionType</code>, cardinality 1..∞).</p>
Type	<code>mdef:CovariateModelType</code>

1.2.33 Element `mdef:ModelDefinitionType` / `mdef:ParameterModel`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	A parameter model.
Diagram	 <p>The diagram shows the structure of <code>mdef:ParameterModelType</code>. It is a base type of <code>mdef:CommonParameterModelType</code>. It has an attribute <code>ct:BlockDefnGroup</code>. It contains a complex type <code>ParameterModel</code> of type <code>mdef:ParameterModelType</code>. This complex type is composed of a sequence of elements: <code>ct:Name</code> (type <code>ct:Name</code>), <code>mdef:CommonParameterElement</code> (type <code>mdef:CommonParameterType</code>, cardinality 0..∞), and <code>Correlation</code> (type <code>mdef:CorrelationType</code>, cardinality 0..∞). The <code>mdef:CommonParameterModelType</code> is an abstract base type of <code>ct:PharmMLRootType</code> with the attribute <code>Abstract</code> set to <code>true</code>.</p>
Type	<code>mdef:ParameterModelType</code>

1.2.34 Element `mdef:StructuralModel`

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines a structural model.
Diagram	 <p>The diagram shows the structure of <code>mdef:StructuralModelType</code>. It is a base type of <code>ct:PharmMLRootType</code>. It has an attribute <code>ct:BlockDefnGroup</code>. It contains a complex type <code>StructuralModel</code> of type <code>mdef:StructuralModelType</code>. This complex type is composed of a sequence of elements: <code>ct:Name</code> (type <code>ct:Name</code>), <code>mdef:SimpleParameter</code> (type <code>mdef:SimpleParameterType</code>, cardinality 0..∞), and <code>ct:CommonVariable</code> (type <code>ct:CommonVariable</code>, cardinality 1..∞).</p>
Type	<code>mdef:StructuralModelType</code>

1.2.35 Element mdef:ModelDefinitionType /mdef:ObservationModel

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	An observations model.
Diagram	
Type	mdef:ObservationModelType

1.2.36 Element mdef:Standard

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines standard error model.
Diagram	
Type	mdef:GaussianObsError

Substitution Group Affiliation	<ul style="list-style-type: none"> mdef:ObservationError
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1.2.37 Element mdef:General

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines general error model.
Diagram	<p>The diagram illustrates the structure of the mdef:GeneralObsError element. It is an abstract type that extends mdef:ObservationErrorType. The diagram shows the following components:</p> <ul style="list-style-type: none"> mdef:GeneralObsError (Type: mdef:GeneralObsError) <ul style="list-style-type: none"> Base Type: mdef:ObservationErrorType Attributes: <ul style="list-style-type: none"> ct:SymbolDefinitionGroup Substitution Group: <ul style="list-style-type: none"> ct:Symbol Transformation (Type: mdef:LhsTransformationType) ct:Assign Substitution Group: <ul style="list-style-type: none"> ObservationError (Type: mdef:ObservationErrorType)
Type	mdef:GeneralObsError
Substitution Group Affiliation	<ul style="list-style-type: none"> mdef:ObservationError

1.2.38 Element mdef:IndividualParameter

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines an individual parameter.

Diagram	
Type	mdef:IndividualParameterType
Substitution Group Affiliation	<ul style="list-style-type: none"> mdef:CommonParameterElement

1.2.39 Element **mdef:RandomVariable**


Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines a random variable.
Diagram	
Type	mdef:ParameterRandomVariableType
Substitution Group Affiliation	<ul style="list-style-type: none"> mdef:CommonParameterElement

1.2.40 Element mdef:ModelDefinition


Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	This is the top element defining the definition of the pharmacometric model. This contains the variability model, covariate model, parameter model, structural model and observations model.
Diagram	
Type	mdef:ModelDefinitionType

1.3 Simple Type(s)

1.3.1 Simple Type mdef:VariabilityType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition		
Annotations	The type defining the type of variability of the variability model.		
Diagram			
Type	restriction of xs:NCName		
Facets	enumeration	error	Residual error variability.
	enumeration	model	Model variability.

1.3.2 Simple Type mdef:LhsTransformationType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition		
Annotations	A type defining possible transformation functions that may be applied.		
Diagram			
Type	restriction of xs:token		
Facets	enumeration	log	Natural log transformation.
	enumeration	logit	Logit transformation.
	enumeration	probit	Probit transformation.

1.4 Complex Type(s)

1.4.1 Complex Type mdef:VariabilityLevelDefnType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines the variability level.

Diagram	
Type	extension of PharmMLRootType

1.4.2 Complex Type mdef:ParentLevelType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Parent level type.
Diagram	

1.4.3 Complex Type mdef:VariabilityDefnBlock

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defining a block defining a variability model.
Diagram	
Type	extension of PharmMLRootType

1.4.4 Complex Type mdef:CommonParameterModelType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Abstract type defining common parameter model.
Diagram	
Type	extension of PharmMLRootType

1.4.5 Complex Type mdef:CommonParameterType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
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Annotations	Abstract type defining the common properties of a parameter definition.
Diagram	
Type	extension of PharmMLRootType

1.4.6 Complex Type mdef:CorrelationType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defining a correlation between random effects.
Diagram	
Type	extension of PharmMLRootType

1.4.7 Complex Type mdef:CorrelatedRandomVarType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defining a correlated random variable.
Diagram	
Type	extension of PharmMLRootType

1.4.8 Complex Type mdef:ParameterModelType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	The type defining a parameter model.
Diagram	
Type	extension of mdef:CommonParameterModelType

1.4.9 Complex Type mdef:ObservationModelType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defining the observation model.
Diagram	<p>The diagram illustrates the structure of the <code>mdef:ObservationModelType</code> complex type. It is an extension of <code>mdef:CommonParameterModelType</code>. The <code>ObservationModelType</code> class has a base type of <code>mdef:CommonParameterModelType</code> and is abstract. It contains an attribute <code>ct:BlockDefnGroup</code>. The <code>mdef:CommonParameterModelType</code> class is also abstract and has a base type of <code>ct:PharmMLRootType</code>. It contains three attributes: <code>ct:Name</code>, <code>mdef:CommonParameterElement</code> (with a cardinality of 0..∞), and <code>Correlation</code> (with a cardinality of 0..∞). The <code>mdef:CommonParameterElement</code> class is abstract and has a base type of <code>mdef:CommonParameterType</code>. The <code>Correlation</code> class is abstract and has a base type of <code>mdef:CorrelationType</code>. The <code>mdef:ObservationErrorType</code> class is abstract and has a base type of <code>mdef:ObservationErrorType</code>.</p>
Type	extension of <code>mdef:CommonParameterModelType</code>

1.4.10 Complex Type mdef:ObservationErrorType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Base observation error type. This defines the name of the variable assigned with the result of the residual error.
Diagram	<p>The diagram illustrates the structure of the <code>mdef:ObservationErrorType</code> complex type. It is an extension of <code>ct:PharmMLRootType</code>. The <code>ObservationErrorType</code> class has a base type of <code>ct:PharmMLRootType</code> and is abstract. It contains an attribute <code>ct:SymbolDefinitionGroup</code>. The <code>ct:SymbolDefinitionGroup</code> class is abstract and has a base type of <code>ct:Symbol</code>. The <code>ct:Symbol</code> class is abstract and has a base type of <code>ct:Symbol</code>.</p>
Type	extension of <code>PharmMLRootType</code>

1.4.11 Complex Type mdef:GaussianObsError

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Gaussian residual error definition. Definition is of the form: $y = f + g * \text{eps}$

Diagram	
Type	extension of mdef:ObservationErrorType

1.4.12 Complex Type **mdef:GeneralObsError**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	A general form of the residual error, where the error is unstructured and explicit.
Diagram	
Type	extension of mdef:ObservationErrorType

1.4.13 Complex Type **mdef:IndividualParameterType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Describes an individual parameter. Three encodings of a parameter model are available: Type 1. explicit equation type of parameter model $\psi_i = H(\beta, c_i, \eta_i)$ Type 2. Gaussian model with general covariate model $h(\psi_i) = H(\beta, c_i) + \eta_i$ Type 3. Gaussian model with linear covariate model $h(\psi_i) = h(\psi_{pop}) + \beta c_i + \eta_i$

Diagram	
Type	extension of mdef:CommonParameterType

1.4.14 Complex Type **mdef:CovariateRelationType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defining the relationship between the covariate and a fixed effect parameter. Typically this defines a linear relationships.
Diagram	

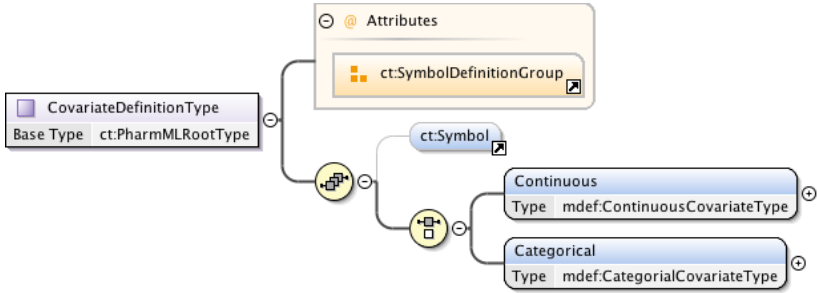
1.4.15 Complex Type **mdef:FixedEffectRelationType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Defines a fixed effect.
Diagram	

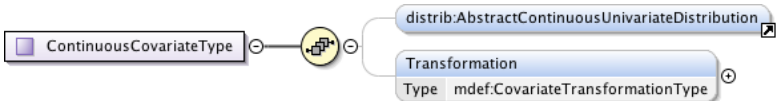
1.4.16 Complex Type **mdef:CategoricalRelationType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition				
Annotations	Type specifying a relationship to a specific category value in a categorical covariate.				
Diagram					
Attributes	QName	Type	Use		
	catId	SymbolIdType	required		
Specifies the category value of the covariate to which this relationship applies. For example if a covariate is sex then the Female category may be specified as catId="F".					


1.4.17 Complex Type **mdef:ParameterRandomEffectType**

Diagram	 <p>The diagram shows the structure of CovariateDefinitionType. It is an extension of ct:PharmMLRootType. It contains an Attributes group with ct:SymbolDefinitionGroup. It also has a choice between ct:Symbol and a choice between Continuous (Type: mdef:ContinuousCovariateType) and Categorical (Type: mdef:CategoricalCovariateType).</p>
Type	extension of PharmMLRootType


1.4.21 Complex Type **mdef:ContinuousCovariateType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defines a continuous covariate.
Diagram	 <p>The diagram shows the structure of ContinuousCovariateType. It contains a choice between distrib:AbstractContinuousUnivariateDistribution and Transformation (Type: mdef:CovariateTransformationType).</p>

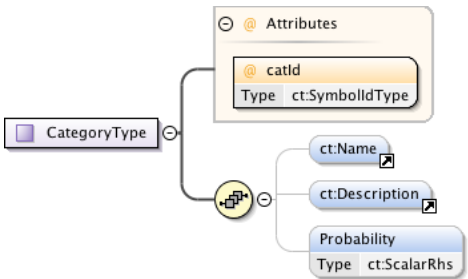
1.4.22 Complex Type **mdef:CovariateTransformationType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defines how the covariate is transformed when used.
Diagram	 <p>The diagram shows the structure of CovariateTransformationType. It contains a choice between math:Equation and an empty choice.</p>

1.4.23 Complex Type **mdef:CategoricalCovariateType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defines a categorical covariate.
Diagram	 <p>The diagram shows the structure of CategoricalCovariateType. It contains a choice between an empty choice and Category (Type: mdef:CategoryType) with a cardinality of 1..∞.</p>

1.4.24 Complex Type **mdef:CategoryType**

Namespace	http://www.pharmml.org/2013/03/ModelDefinition
Annotations	Type defines a category in a categorical covariate.
Diagram	 <p>The diagram shows the structure of CategoryType. It contains an Attributes group with catId (Type: ct:SymbolIdType). It also has a choice between ct:Name, ct:Description, and Probability (Type: ct:ScalarRhs).</p>

Attributes	QName	Type	Use			
	catId	SymbolIdType	required			
The identifier of the category.						

1.4.25 Complex Type mdef:StructuralModelType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition					
Annotations	Type that specifies a structural model.					
Diagram						
Type	extension of PharmMLRootType					

1.4.26 Complex Type mdef:CovariateModelType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition					
Annotations	A type defining a covariate model.					
Diagram						
Type	extension of PharmMLRootType					

1.4.27 Complex Type mdef:ModelDefinitionType

Namespace	http://www.pharmml.org/2013/03/ModelDefinition					
Annotations	Type that specifies the model definition section of the PharmML document.					
Diagram						

Type	extension of PharmMLRootType
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2 Namespace: ""

2.1 Attribute(s)

2.1.1 Attribute `mdef:VariabilityDefnBlock` /@type

Namespace	No namespace		
Annotations	Defines the type of the variability model.		
Type	mdef:VariabilityType		
Facets	enumeration	error	Residual error variability.
	enumeration	model	Model variability.

2.1.2 Attribute `mdef:CommonParameterType` /@symbId

Namespace	No namespace		
Annotations	The symbol id for this parameter.		
Type	SymbolIdType		

2.1.3 Attribute `mdef:CategoricalRelationType` /@catId

Namespace	No namespace		
Annotations	Specifies the category value of the covariate to which this relationship applies. For example if a covariate is sex then the Female category may be specified as catId="F".		
Type	SymbolIdType		

2.1.4 Attribute `mdef:CategoryType` /@catId

Namespace	No namespace		
Annotations	The identifier of the category.		
Type	SymbolIdType		