

Schema documentation for spase-2_2_3.xsd

may 22, 2014

Table of Contents

Namespace: "http://www.spase-group.org/data/schema"	7
Schema(s)	7
Main schema spase-2_2_3.xsd	7
Element(s)	7
Element spase:Spase	7
Element spase:Spase / spase:Version	9
Element spase:Spase / spase:Catalog	9
Element spase:Catalog / spase:ResourceID	10
Element spase:Catalog / spase:ResourceHeader	10
Element spase:ResourceHeader / spase:ResourceName	11
Element spase:ResourceHeader / spase:AlternateName	12
Element spase:ResourceHeader / spase:ReleaseDate	12
Element spase:ResourceHeader / spase:ExpirationDate	12
Element spase:ResourceHeader / spase:Description	12
Element spase:ResourceHeader / spase:Acknowledgement	13
Element spase:ResourceHeader / spase:Contact	13
Element spase:Contact / spase:PersonID	13
Element spase:Contact / spase:Role	13
Element spase:ResourceHeader / spase:InformationURL	14
Element spase:InformationURL / spase:Name	14
Element spase:InformationURL / spase:URL	15
Element spase:InformationURL / spase:Description	15
Element spase:InformationURL / spase:Language	15
Element spase:ResourceHeader / spase:Association	15
Element spase:Association / spase:AssociationID	16
Element spase:Association / spase:AssociationType	16
Element spase:Association / spase:Note	17
Element spase:ResourceHeader / spase:PriorID	17
Element spase:Catalog / spase:AccessInformation	17
Element spase:AccessInformation / spase:RepositoryID	18
Element spase:AccessInformation / spase:Availability	18
Element spase:AccessInformation / spase:AccessRights	18
Element spase:AccessInformation / spase:AccessURL	19
Element spase:AccessURL / spase:Name	19
Element spase:AccessURL / spase:URL	20
Element spase:AccessURL / spase:ProductKey	20
Element spase:AccessURL / spase:Description	20
Element spase:AccessURL / spase:Language	20
Element spase:AccessInformation / spase:Format	21
Element spase:AccessInformation / spase:Encoding	22
Element spase:AccessInformation / spase:DataExtent	22
Element spase:DataExtent / spase:Quantity	22
Element spase:DataExtent / spase:Units	23
Element spase:DataExtent / spase:Per	23
Element spase:AccessInformation / spase:Acknowledgement	23
Element spase:Catalog / spase:ProviderResourceName	23
Element spase:Catalog / spase:ProviderVersion	24
Element spase:Catalog / spase:InstrumentID	24
Element spase:Catalog / spase:PhenomenonType	24
Element spase:Catalog / spase:TimeSpan	25
Element spase:TimeSpan / spase:StartDate	25
Element spase:TimeSpan / spase:StopDate	26
Element spase:TimeSpan / spase:RelativeStopDate	26
Element spase:TimeSpan / spase:Note	26
Element spase:Catalog / spase:Caveats	26
Element spase:Catalog / spase:Keyword	27
Element spase:Catalog / spase:InputResourceID	27
Element spase:Catalog / spase:Parameter	27
Element spase:Parameter / spase:Name	29
Element spase:Parameter / spase:Set	29
Element spase:Parameter / spase:ParameterKey	29
Element spase:Parameter / spase:Description	30
Element spase:Parameter / spase:Caveats	30

Element spase:Parameter / spase:Cadence	30
Element spase:Parameter / spase:Units	30
Element spase:Parameter / spase:UnitsConversion	31
Element spase:Parameter / spase:CoordinateSystem	31
Element spase:CoordinateSystem / spase:CoordinateRepresentation	31
Element spase:CoordinateSystem / spase:CoordinateSystemName	32
Element spase:Parameter / spase:RenderingHints	32
Element spase:RenderingHints / spase:DisplayType	33
Element spase:RenderingHints / spase:AxisLabel	34
Element spase:RenderingHints / spase:RenderingAxis	34
Element spase:RenderingHints / spase:Index	34
Element spase:RenderingHints / spase:ValueFormat	34
Element spase:RenderingHints / spase:ScaleMin	35
Element spase:RenderingHints / spase:ScaleMax	35
Element spase:RenderingHints / spase:ScaleType	35
Element spase:Parameter / spase:Structure	36
Element spase:Structure / spase:Size	36
Element spase:Structure / spase:Description	36
Element spase:Structure / spase:Element	37
Element spase:Element / spase:Name	37
Element spase:Element / spase:Qualifier	38
Element spase:Element / spase:Index	39
Element spase:Element / spase:ParameterKey	39
Element spase:Element / spase:Units	40
Element spase:Element / spase:UnitsConversion	40
Element spase:Element / spase:ValidMin	40
Element spase:Element / spase:ValidMax	40
Element spase:Element / spase:FillValue	41
Element spase:Element / spase:RenderingHints	41
Element spase:Parameter / spase:ValidMin	42
Element spase:Parameter / spase:ValidMax	42
Element spase:Parameter / spase:FillValue	42
Element spase:Parameter / spase:Field	42
Element spase:Field / spase:Qualifier	43
Element spase:Field / spase:FieldQuantity	44
Element spase:Field / spase:FrequencyRange	45
Element spase:FrequencyRange / spase:SpectralRange	45
Element spase:FrequencyRange / spase:Low	46
Element spase:FrequencyRange / spase:High	46
Element spase:FrequencyRange / spase:Units	46
Element spase:FrequencyRange / spase:Bin	47
Element spase:Bin / spase:BandName	47
Element spase:Bin / spase:Low	47
Element spase:Bin / spase:High	48
Element spase:Parameter / spase:Particle	48
Element spase:Particle / spase:ParticleType	49
Element spase:Particle / spase:Qualifier	49
Element spase:Particle / spase:ParticleQuantity	50
Element spase:Particle / spase:AtomicNumber	51
Element spase:Particle / spase:EnergyRange	52
Element spase:EnergyRange / spase:Low	52
Element spase:EnergyRange / spase:High	52
Element spase:EnergyRange / spase:Units	53
Element spase:EnergyRange / spase:Bin	53
Element spase:Particle / spase:AzimuthalAngleRange	53
Element spase:AzimuthalAngleRange / spase:Low	54
Element spase:AzimuthalAngleRange / spase:High	54
Element spase:AzimuthalAngleRange / spase:Units	54
Element spase:AzimuthalAngleRange / spase:Bin	55
Element spase:Particle / spase:PolarAngleRange	55
Element spase:PolarAngleRange / spase:Low	56
Element spase:PolarAngleRange / spase:High	56
Element spase:PolarAngleRange / spase:Units	56
Element spase:PolarAngleRange / spase:Bin	56
Element spase:Parameter / spase:Wave	57
Element spase:Wave / spase:WaveType	57
Element spase:Wave / spase:Qualifier	58
Element spase:Wave / spase:WaveQuantity	59
Element spase:Wave / spase:EnergyRange	60
Element spase:Wave / spase:FrequencyRange	60
Element spase:Wave / spase:WavelengthRange	61
Element spase:WavelengthRange / spase:SpectralRange	62

Element spase:WavelengthRange / spase:Low	62
Element spase:WavelengthRange / spase:High	63
Element spase:WavelengthRange / spase:Units	63
Element spase:WavelengthRange / spase:Bin	63
Element spase:Parameter / spase:Mixed	63
Element spase:Mixed / spase:MixedQuantity	64
Element spase:Mixed / spase:ParticleType	64
Element spase:Mixed / spase:Qualifier	65
Element spase:Parameter / spase:Support	66
Element spase:Support / spase:Qualifier	67
Element spase:Support / spase:SupportQuantity	68
Element spase:Catalog / spase:Extension	68
Element spase:Spase / spase:DisplayData	69
Element spase:DisplayData / spase:ResourceID	70
Element spase:DisplayData / spase:ResourceHeader	70
Element spase:DisplayData / spase:AccessInformation	71
Element spase:DisplayData / spase:ProcessingLevel	72
Element spase:DisplayData / spase:ProviderResourceName	73
Element spase:DisplayData / spase:ProviderProcessingLevel	73
Element spase:DisplayData / spase:ProviderVersion	73
Element spase:DisplayData / spase:InstrumentID	73
Element spase:DisplayData / spase:MeasurementType	74
Element spase:DisplayData / spase:TemporalDescription	74
Element spase:TemporalDescription / spase:TimeSpan	75
Element spase:TemporalDescription / spase:Cadence	75
Element spase:TemporalDescription / spase:Exposure	75
Element spase:DisplayData / spase:SpectralRange	76
Element spase:DisplayData / spase:DisplayCadence	76
Element spase:DisplayData / spase:ObservedRegion	77
Element spase:DisplayData / spase:Caveats	78
Element spase:DisplayData / spase:Keyword	78
Element spase:DisplayData / spase:InputResourceID	78
Element spase:DisplayData / spase:Parameter	79
Element spase:DisplayData / spase:Extension	80
Element spase:Spase / spase:NumericalData	80
Element spase:NumericalData / spase:ResourceID	82
Element spase:NumericalData / spase:ResourceHeader	82
Element spase:NumericalData / spase:AccessInformation	83
Element spase:NumericalData / spase:ProcessingLevel	84
Element spase:NumericalData / spase:ProviderResourceName	84
Element spase:NumericalData / spase:ProviderProcessingLevel	84
Element spase:NumericalData / spase:ProviderVersion	84
Element spase:NumericalData / spase:InstrumentID	85
Element spase:NumericalData / spase:MeasurementType	85
Element spase:NumericalData / spase:TemporalDescription	86
Element spase:NumericalData / spase:SpectralRange	86
Element spase:NumericalData / spase:ObservedRegion	87
Element spase:NumericalData / spase:Caveats	88
Element spase:NumericalData / spase:Keyword	88
Element spase:NumericalData / spase:InputResourceID	88
Element spase:NumericalData / spase:Parameter	89
Element spase:NumericalData / spase:Extension	90
Element spase:Spase / spase:Document	90
Element spase:Document / spase:ResourceID	91
Element spase:Document / spase:ResourceHeader	91
Element spase:Document / spase:AccessInformation	92
Element spase:Document / spase:Keyword	93
Element spase:Document / spase:DocumentType	93
Element spase:Document / spase:IMIMType	94
Element spase:Document / spase:InputResourceID	94
Element spase:Spase / spase:Granule	94
Element spase:Granule / spase:ResourceID	95
Element spase:Granule / spase:ReleaseDate	95
Element spase:Granule / spase:ExpirationDate	96
Element spase:Granule / spase:ParentID	96
Element spase:Granule / spase:PriorID	96
Element spase:Granule / spase:StartDate	96
Element spase:Granule / spase:StopDate	97
Element spase:Granule / spase:Source	97
Element spase:Source / spase:SourceType	97
Element spase:Source / spase:URL	98
Element spase:Source / spase:MirrorURL	98

Element spase:Source / spase:Checksum	98
Element spase:Checksum / spase:HashValue	99
Element spase:Checksum / spase:HashFunction	99
Element spase:Source / spase:DataExtent	99
Element spase:Spase / spase:Instrument	100
Element spase:Instrument / spase:ResourceID	100
Element spase:Instrument / spase:ResourceHeader	101
Element spase:Instrument / spase:InstrumentType	102
Element spase:Instrument / spase:InvestigationName	103
Element spase:Instrument / spase:OperatingSpan	103
Element spase:OperatingSpan / spase:StartDate	104
Element spase:OperatingSpan / spase:StopDate	104
Element spase:OperatingSpan / spase:Note	104
Element spase:Instrument / spase:ObservatoryID	104
Element spase:Instrument / spase:Caveats	105
Element spase:Instrument / spase:Extension	105
Element spase:Spase / spase:Observatory	105
Element spase:Observatory / spase:ResourceID	106
Element spase:Observatory / spase:ResourceHeader	106
Element spase:Observatory / spase:ObservatoryGroupID	107
Element spase:Observatory / spase:Location	107
Element spase:Location / spase:ObservatoryRegion	108
Element spase:Location / spase:CoordinateSystemName	109
Element spase:Location / spase:Latitude	110
Element spase:Location / spase:Longitude	110
Element spase:Location / spase:Elevation	110
Element spase:Observatory / spase:OperatingSpan	111
Element spase:Observatory / spase:Extension	111
Element spase:Spase / spase:Person	111
Element spase:Person / spase:ResourceID	112
Element spase:Person / spase:ReleaseDate	113
Element spase:Person / spase:PersonName	113
Element spase:Person / spase:OrganizationName	113
Element spase:Person / spase:Address	113
Element spase:Person / spase:Email	114
Element spase:Person / spase:PhoneNumber	114
Element spase:Person / spase:FaxNumber	114
Element spase:Person / spase:Note	114
Element spase:Person / spase:Extension	115
Element spase:Spase / spase:Registry	115
Element spase:Registry / spase:ResourceID	115
Element spase:Registry / spase:ResourceHeader	116
Element spase:Registry / spase:AccessURL	116
Element spase:Registry / spase:Extension	117
Element spase:Spase / spase:Repository	117
Element spase:Repository / spase:ResourceID	118
Element spase:Repository / spase:ResourceHeader	118
Element spase:Repository / spase:AccessURL	119
Element spase:Repository / spase:Extension	120
Element spase:Spase / spase:Service	120
Element spase:Service / spase:ResourceID	121
Element spase:Service / spase:ResourceHeader	121
Element spase:Service / spase:AccessURL	122
Element spase:Service / spase:Extension	123
Element spase:Spase / spase:Annotation	123
Element spase:Annotation / spase:ResourceID	124
Element spase:Annotation / spase:ResourceHeader	125
Element spase:Annotation / spase:ImageURL	125
Element spase:Annotation / spase:AnnotationType	126
Element spase:Annotation / spase:PhenomenonType	126
Element spase:Annotation / spase:ClassificationMethod	127
Element spase:Annotation / spase:ConfidenceRating	127
Element spase:Annotation / spase:TimeSpan	127
Element spase:Annotation / spase:ObservationExtent	128
Element spase:ObservationExtent / spase:ObservedRegion	128
Element spase:ObservationExtent / spase:StartLocation	129
Element spase:ObservationExtent / spase:StopLocation	130
Element spase:ObservationExtent / spase:Note	130
Element spase:Annotation / spase:Extension	130
Complex Type(s)	131
Complex Type spase:Spase	131
Complex Type spase:Catalog	132

Complex Type spase:ResourceHeader	133
Complex Type spase:Contact	134
Complex Type spase:InformationURL	134
Complex Type spase:Association	135
Complex Type spase:AccessInformation	135
Complex Type spase:AccessURL	136
Complex Type spase:DataExtent	137
Complex Type spase:TimeSpan	137
Complex Type spase:Parameter	138
Complex Type spase:CoordinateSystem	140
Complex Type spase:RenderingHints	140
Complex Type spase:Structure	141
Complex Type spase:Element	142
Complex Type spase:Field	142
Complex Type spase:FrequencyRange	143
Complex Type spase:Bin	144
Complex Type spase:Particle	144
Complex Type spase:EnergyRange	145
Complex Type spase:AzimuthalAngleRange	145
Complex Type spase:PolarAngleRange	146
Complex Type spase:Wave	146
Complex Type spase:WavelengthRange	147
Complex Type spase:Mixed	148
Complex Type spase:Support	148
Complex Type spase:Extension	149
Complex Type spase:DisplayData	149
Complex Type spase:TemporalDescription	151
Complex Type spase:NumericalData	151
Complex Type spase:Document	153
Complex Type spase:Granule	154
Complex Type spase:Source	155
Complex Type spase:Checksum	155
Complex Type spase:Instrument	156
Complex Type spase:OperatingSpan	156
Complex Type spase:Observatory	157
Complex Type spase:Location	158
Complex Type spase:Person	158
Complex Type spase:Registry	159
Complex Type spase:Repository	160
Complex Type spase:Service	160
Complex Type spase:Annotation	161
Complex Type spase:ObservationExtent	162
Complex Type spase:typeValue	162
Complex Type spase:typeBoundary	164
Simple Type(s)	164
Simple Type spase:Version	164
Simple Type spase:ResourceID	164
Simple Type spase:ResourceName	165
Simple Type spase:AlternateName	165
Simple Type spase:ReleaseDate	165
Simple Type spase:ExpirationDate	166
Simple Type spase:Description	166
Simple Type spase:Acknowledgement	166
Simple Type spase:PersonID	167
Simple Type spase:Role	167
Simple Type spase:Name	168
Simple Type spase:URL	168
Simple Type spase:Language	169
Simple Type spase:AssociationID	169
Simple Type spase:AssociationType	169
Simple Type spase>Note	170
Simple Type spase:PriorID	170
Simple Type spase:RepositoryID	170
Simple Type spase:Availability	171
Simple Type spase:AccessRights	171
Simple Type spase:ProductKey	171
Simple Type spase:Format	172
Simple Type spase:Encoding	173
Simple Type spase:Quantity	174
Simple Type spase:Units	174
Simple Type spase:Per	175
Simple Type spase:ProviderResourceName	175

Simple Type spase:ProviderVersion	176
Simple Type spase:InstrumentID	176
Simple Type spase:PhenomenonType	176
Simple Type spase:StartDate	177
Simple Type spase:StopDate	177
Simple Type spase:RelativeStopDate	178
Simple Type spase:Caveats	178
Simple Type spase:Keyword	178
Simple Type spase:InputResourceID	179
Simple Type spase:Set	179
Simple Type spase:ParameterKey	179
Simple Type spase:Cadence	180
Simple Type spase:UnitsConversion	180
Simple Type spase:CoordinateRepresentation	181
Simple Type spase:CoordinateSystemName	181
Simple Type spase:DisplayType	182
Simple Type spase:AxisLabel	183
Simple Type spase:RenderingAxis	183
Simple Type spase:Index	184
Simple Type spase:typeSequence	184
Simple Type spase:ValueFormat	185
Simple Type spase:ScaleMin	185
Simple Type spase:ScaleMax	185
Simple Type spase:ScaleType	186
Simple Type spase:Size	186
Simple Type spase:Qualifier	187
Simple Type spase:ValidMin	189
Simple Type spase:ValidMax	189
Simple Type spase:FillValue	189
Simple Type spase:FieldQuantity	190
Simple Type spase:SpectralRange	190
Simple Type spase:Low	191
Simple Type spase:High	192
Simple Type spase:BandName	192
Simple Type spase:ParticleType	192
Simple Type spase:ParticleQuantity	193
Simple Type spase:AtomicNumber	194
Simple Type spase:WaveType	194
Simple Type spase:WaveQuantity	195
Simple Type spase:MixedQuantity	196
Simple Type spase:SupportQuantity	196
Simple Type spase:ProcessingLevel	197
Simple Type spase:ProviderProcessingLevel	197
Simple Type spase:MeasurementType	198
Simple Type spase:Exposure	199
Simple Type spase:DisplayCadence	199
Simple Type spase:Region	199
Simple Type spase:DocumentType	201
Simple Type spase:MimeType	202
Simple Type spase:ParentID	202
Simple Type spase:SourceType	203
Simple Type spase:MirrorURL	203
Simple Type spase:HashValue	203
Simple Type spase:HashFunction	204
Simple Type spase:InstrumentType	204
Simple Type spase:InvestigationName	206
Simple Type spase:ObservatoryID	206
Simple Type spase:ObservatoryGroupID	207
Simple Type spase:Latitude	207
Simple Type spase:Longitude	207
Simple Type spase:Elevation	208
Simple Type spase:PersonName	208
Simple Type spase:OrganizationName	208
Simple Type spase:Address	208
Simple Type spase:Email	209
Simple Type spase:PhoneNumber	209
Simple Type spase:FaxNumber	209
Simple Type spase:ImageURL	210
Simple Type spase:AnnotationType	210
Simple Type spase:ClassificationMethod	210
Simple Type spase:ConfidenceRating	211
Simple Type spase:StartLocation	211

Simple Type spase:StopLocation	212
Simple Type spase:Component	212
Simple Type spase:DirectionAngle	212
Simple Type spase:Earth	213
Simple Type spase:Hardcopy	214
Simple Type spase:Heliosphere	214
Simple Type spase:Integral	215
Simple Type spase:Ionosphere	215
Simple Type spase:Magetosphere	215
Simple Type spase:NearSurface	216
Simple Type spase:Projection	217
Simple Type spase:Sun	217
Simple Type spase:Text	217
Simple Type spase:Waves	218
Simple Type spase:typeStringSequence	218
Simple Type spase:typeFloatSequence	219
Simple Type spase:typeID	219
Attribute(s)	219
Attribute spase:Spase / @spase:lang	219
Attribute spase:typeValue / @spase:Units	219
Attribute spase:typeValue / @spase:UnitsConversion	220

Namespace: "<http://www.spase-group.org/data/schema>"

Schema(s)

Main schema spase-2_2_3.xsd

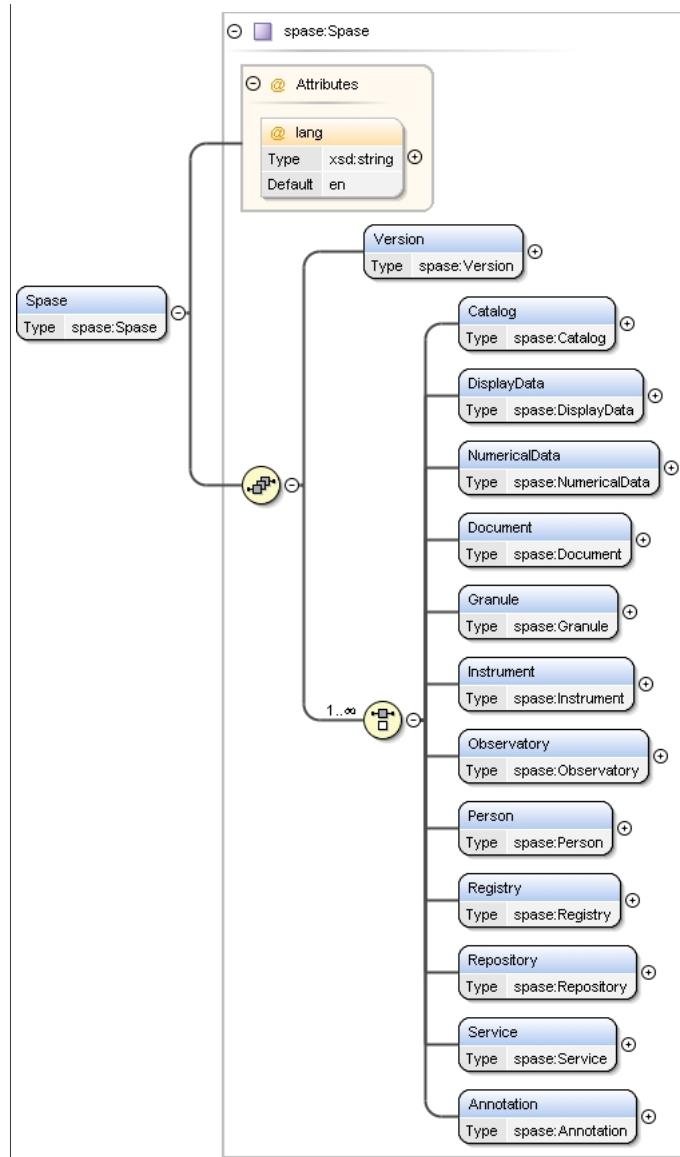
Namespace	http://www.spase-group.org/data/schema
Properties	attribute form default: qualified
	element form default: qualified
	version: 2.2.3
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element(s)

Element spase:Spase

Namespace	http://www.spase-group.org/data/schema
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Diagram



Type	spase:Spase								
Properties	content: complex								
Model	spase:Version , (spase:Catalog spase:DisplayData spase:NumericalData spase:Document spase:Granule spase:Instrument spase:Observatory spase:Person spase:Registry spase:Repository spase:Service spase:Annotation)								
Children	spase:Annotation, spase:Catalog, spase:DisplayData, spase:Document, spase:Granule, spase:Instrument, spase:NumericalData, spase:Observatory, spase:Person, spase:Registry, spase:Repository, spase:Service, spase:Version								
Instance	<pre> <spase:Spase spase:lang="en" xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Version>{1,1}</spase:Version> <spase:Catalog>{1,1}</spase:Catalog> <spase:DisplayData>{1,1}</spase:DisplayData> <spase:NumericalData>{1,1}</spase:NumericalData> <spase:Document>{1,1}</spase:Document> <spase:Granule>{1,1}</spase:Granule> <spase:Instrument>{1,1}</spase:Instrument> <spase:Observatory>{1,1}</spase:Observatory> <spase:Person>{1,1}</spase:Person> <spase:Registry>{1,1}</spase:Registry> <spase:Repository>{1,1}</spase:Repository> <spase:Service>{1,1}</spase:Service> <spase:Annotation>{1,1}</spase:Annotation> </spase:Spase> </pre>								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>spase:lang</td> <td>xsd:string</td> <td>en</td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Default	Use	spase:lang	xsd:string	en	optional
QName	Type	Default	Use						
spase:lang	xsd:string	en	optional						
Source	<xsd:element name="Spase" type="spase:Spase"/>								

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Element spase:Spase / spase:Version

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class Version { <<spase:Version>> } class spaseVersion { <<spase:Version>> } Version < -- spaseVersion </pre>	
Type	spase:Version	
Properties		content: simple minOccurs: 1 maxOccurs: 1
Facets	enumeration	2.2.3
Source	<xsd:element name="Version" type="spase:Version" minOccurs="1" maxOccurs="1" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Spase / spase:Catalog

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class spaseCatalog { <<spase:Catalog>> } class ResourceID { <<spase:ResourceID>> } class ResourceHeader { <<spase:ResourceHeader>> } class AccessInformation { <<spase:AccessInformation>> } class ProviderResourceName { <<spase:ProviderResourceName>> } class ProviderVersion { <<spase:ProviderVersion>> } class InstrumentID { <<spase:InstrumentID>> } class PhenomenonType { <<spase:PhenomenonType>> } class TimeSpan { <<spase:TimeSpan>> } class Caveats { <<spase:Caveats>> } class Keyword { <<spase:Keyword>> } class InputResourceID { <<spase:InputResourceID>> } class Parameter { <<spase:Parameter>> } class Extension { <<spase:Extension>> } spaseCatalog "1..∞" -- "0..∞" ResourceID spaseCatalog "1..∞" -- "0..∞" ResourceHeader spaseCatalog "1..∞" -- "1..∞" AccessInformation spaseCatalog "1..∞" -- "0..∞" ProviderResourceName spaseCatalog "1..∞" -- "0..∞" ProviderVersion spaseCatalog "1..∞" -- "0..∞" InstrumentID spaseCatalog "1..∞" -- "1..∞" PhenomenonType spaseCatalog "1..∞" -- "0..∞" TimeSpan spaseCatalog "1..∞" -- "0..∞" Caveats spaseCatalog "1..∞" -- "0..∞" Keyword spaseCatalog "1..∞" -- "0..∞" InputResourceID spaseCatalog "1..∞" -- "0..∞" Parameter spaseCatalog "1..∞" -- "0..∞" Extension </pre>	
Type	spase:Catalog	
Properties		content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:ProviderResourceName{0,1} , spase:ProviderVersion{0,1} , spase:InstrumentID* , spase:PhenomenonType+ , spase:TimeSpan{0,1} , spase:Caveats{0,1} , spase:Keyword* , spase:InputResourceID* , spase:Parameter* , spase:Extension*	

Children	spase:AccessInformation, spase:Caveats, spase:Extension, spase:InputResourceID, spase:InstrumentID, spase:Keyword, spase:Parameter, spase:PhenomenonType, spase:ProviderResourceName, spase:ProviderVersion, spase:ResourceHeader, spase:ResourceID, spase:TimeSpan
Instance	<pre><spase:Catalog xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:AccessInformation>{1,unbounded}</spase:AccessInformation> <spase:ProviderResourceName>{0,1}</spase:ProviderResourceName> <spase:ProviderVersion>{0,1}</spase:ProviderVersion> <spase:InstrumentID>{0,unbounded}</spase:InstrumentID> <spase:PhenomenonType>{1,unbounded}</spase:PhenomenonType> <spase:TimeSpan>{0,1}</spase:TimeSpan> <spase:Caveats>{0,1}</spase:Caveats> <spase:Keyword>{0,unbounded}</spase:Keyword> <spase:InputResourceID>{0,unbounded}</spase:InputResourceID> <spase:Parameter>{0,unbounded}</spase:Parameter> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Catalog></pre>
Source	<xsd:element name="Catalog" type="spase:Catalog"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ResourceID { <<Type spase:ResourceID>> } class spase:ResourceID ResourceID "0..1" -- "0..1" spase:ResourceID </pre>						
Type	spase:ResourceID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Catalog / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
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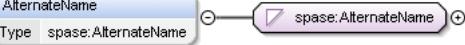
Diagram	<pre> classDiagram class ResourceHeader { <<spase:ResourceHeader>> } class resourceName { <<spase:ResourceName>> } class alternateName { <<spase:AlternateName>> } class releaseDate { <<spase:ReleaseDate>> } class expirationDate { <<spase:ExpirationDate>> } class description { <<spase:Description>> } class acknowledgement { <<spase:Acknowledgement>> } class contact { <<spase:Contact>> } class informationURL { <<spase:InformationURL>> } class association { <<spase:Association>> } class priorID { <<spase:PriorID>> } ResourceHeader "0..>" resourceName ResourceHeader "0..>" alternateName ResourceHeader "0..>" releaseDate ResourceHeader "0..>" expirationDate ResourceHeader "0..>" description ResourceHeader "0..>" acknowledgement ResourceHeader "1..>" contact ResourceHeader "0..>" informationURL ResourceHeader "0..>" association ResourceHeader "0..>" priorID </pre>						
Type	spase:ResourceHeader						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*						
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName						
Instance	<pre> <spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1,unbounded}</spase:Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader> </pre>						
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:ResourceHeader / spase:ResourceName

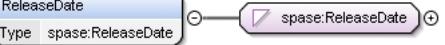
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class resourceName { <<spase:ResourceName>> } class alternateName { <<spase:AlternateName>> } resourceName "0..>" alternateName </pre>						
Type	spase:ResourceName						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="ResourceName" type="spase:ResourceName" minOccurs="1" maxOccurs="1"/>						

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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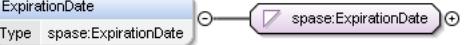
Element spase:ResourceHeader / spase:AlternateName

Namespace	http://www.spase-group.org/data/schema						
Diagram	 A UML class diagram fragment showing a generalization relationship. A blue-bordered box labeled "AlternateName" contains a "Type" field with "spase:AlternateName". A line with open circles at both ends connects it to a purple-bordered box also labeled "spase:AlternateName".						
Type	spase:AlternateName						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="AlternateName" type="spase:AlternateName" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

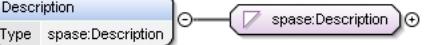
Element spase:ResourceHeader / spase:ReleaseDate

Namespace	http://www.spase-group.org/data/schema						
Diagram	 A UML class diagram fragment showing a generalization relationship. A blue-bordered box labeled "ReleaseDate" contains a "Type" field with "spase:ReleaseDate". A line with open circles at both ends connects it to a purple-bordered box also labeled "spase:ReleaseDate".						
Type	spase:ReleaseDate						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="ReleaseDate" type="spase:ReleaseDate" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:ResourceHeader / spase:ExpirationDate

Namespace	http://www.spase-group.org/data/schema						
Diagram	 A UML class diagram fragment showing a generalization relationship. A blue-bordered box labeled "ExpirationDate" contains a "Type" field with "spase:ExpirationDate". A line with open circles at both ends connects it to a purple-bordered box also labeled "spase:ExpirationDate".						
Type	spase:ExpirationDate						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="ExpirationDate" type="spase:ExpirationDate" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:ResourceHeader / spase:Description

Namespace	http://www.spase-group.org/data/schema						
Diagram	 A UML class diagram fragment showing a generalization relationship. A blue-bordered box labeled "Description" contains a "Type" field with "spase:Description". A line with open circles at both ends connects it to a purple-bordered box also labeled "spase:Description".						
Type	spase:Description						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="Description" type="spase:Description" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:ResourceHeader / spase:Acknowledgement

Namespace	http://www.spase-group.org/data/schema						
Diagram	A UML class diagram fragment showing a class 'Acknowledgement' with a note below it: 'Type spase:Acknowledgement'. A directed association line connects this class to another class labeled 'spase:Acknowledgement'.						
Type	spase:Acknowledgement						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Acknowledgement" type="spase:Acknowledgement" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:ResourceHeader / spase>Contact

Namespace	http://www.spase-group.org/data/schema						
Diagram	A UML class diagram fragment showing a class 'Contact' with a note below it: 'Type spase:Contact'. A directed association line connects this class to two other classes: 'PersonID' (with note 'Type spase:PersonID') and 'Role' (with note 'Type spase:Role'). The multiplicity '1...>' is shown between Contact and PersonID, and 'unbounded' is shown between Contact and Role.						
Type	spase:Contact						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	spase:PersonID , spase:Role+						
Children	spase:PersonID, spase:Role						
Instance	<spase:Contact xmlns:spase="http://www.spase-group.org/data/schema"> <spase:PersonID>{1,1}</spase:PersonID> <spase:Role>{1,unbounded}</spase:Role> </spase:Contact>						
Source	<xsd:element name="Contact" type="spase:Contact" minOccurs="1" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Contact / spase:PersonID

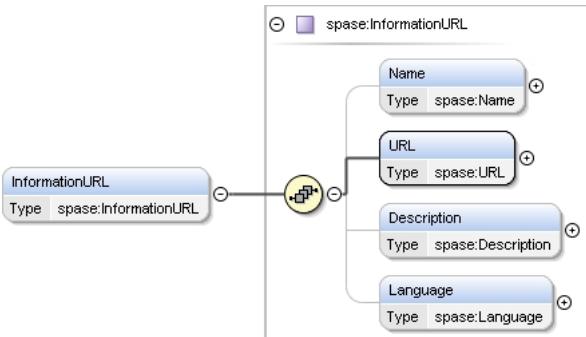
Namespace	http://www.spase-group.org/data/schema						
Diagram	A UML class diagram fragment showing a class 'PersonID' with a note below it: 'Type spase:PersonID'. A directed association line connects this class to another class labeled 'spase:PersonID'.						
Type	spase:PersonID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="PersonID" type="spase:PersonID" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Contact / spase:Role

Namespace	http://www.spase-group.org/data/schema
Diagram	A UML class diagram fragment showing a class 'Role' with a note below it: 'Type spase:Role'. A directed association line connects this class to another class labeled 'spase:Role'.
Type	spase:Role

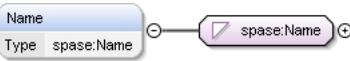
Properties	content: simple minOccurs: 1 maxOccurs: unbounded
Facets	enumeration ArchiveSpecialist enumeration CoInvestigator enumeration Contributor enumeration DataProducer enumeration DeputyPI enumeration FormerPI enumeration GeneralContact enumeration MetadataContact enumeration PrincipalInvestigator enumeration ProjectScientist enumeration Publisher enumeration Scientist enumeration TeamLeader enumeration TeamMember enumeration TechnicalContact
Source	<xsd:element name="Role" type="spase:Role" minOccurs="1" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:ResourceHeader / spase:InformationURL

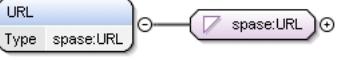
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:InformationURL
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	spase:Name{0,1} , spase:URL , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:URL
Instance	<spase:InformationURL xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{0,1}</spase:Name> <spase:URL>{1,1}</spase:URL> <spase:Description>{0,1}</spase:Description> <spase:Language>{0,1}</spase:Language> </spase:InformationURL>
Source	<xsd:element name="InformationURL" type="spase:InformationURL" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:InformationURL / spase:Name

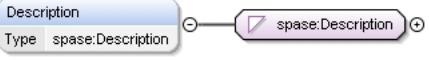
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Name
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Name" type="spase:Name" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

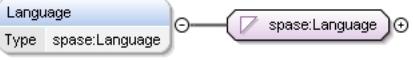
Element spase:InformationURL / spase:URL

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:URL
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="URL" type="spase:URL" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:InformationURL / spase:Description

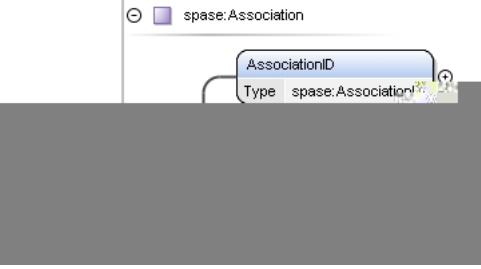
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Description
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:InformationURL / spase:Language

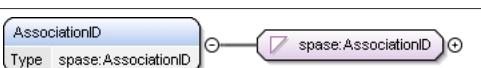
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Language
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Language" type="spase:Language" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:ResourceHeader / spase:Association

Namespace	http://www.spase-group.org/data/schema
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Diagram							
Type	spase:Association						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	spase:AssociationID , spase:AssociationType , spase:Note{0,1}						
Children	spase:AssociationID, spase:AssociationType, spase:Note						
Instance	<pre><spase:Association xmlns:spase="http://www.spase-group.org/data/schema"> <spase:AssociationID>{1,1}</spase:AssociationID> <spase:AssociationType>{1,1}</spase:AssociationType> <spase:Note>{0,1}</spase:Note> </spase:Association></pre>						
Source	<code><xsd:element name="Association" type="spase:Association" minOccurs="0" maxOccurs="unbounded"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Association / spase:AssociationID

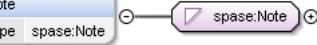
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:AssociationID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xsd:element name="AssociationID" type="spase:AssociationID" minOccurs="1" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Association / spase:AssociationType

Namespace	http://www.spase-group.org/data/schema												
Diagram													
Type	spase:AssociationType												
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1						
content:	simple												
minOccurs:	1												
maxOccurs:	1												
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ChildEventOf</td> </tr> <tr> <td>enumeration</td> <td>DerivedFrom</td> </tr> <tr> <td>enumeration</td> <td>ObservedBy</td> </tr> <tr> <td>enumeration</td> <td>Other</td> </tr> <tr> <td>enumeration</td> <td>PartOf</td> </tr> <tr> <td>enumeration</td> <td>RevisionOf</td> </tr> </table>	enumeration	ChildEventOf	enumeration	DerivedFrom	enumeration	ObservedBy	enumeration	Other	enumeration	PartOf	enumeration	RevisionOf
enumeration	ChildEventOf												
enumeration	DerivedFrom												
enumeration	ObservedBy												
enumeration	Other												
enumeration	PartOf												
enumeration	RevisionOf												
Source	<code><xsd:element name="AssociationType" type="spase:AssociationType" minOccurs="1" maxOccurs="1"/></code>												

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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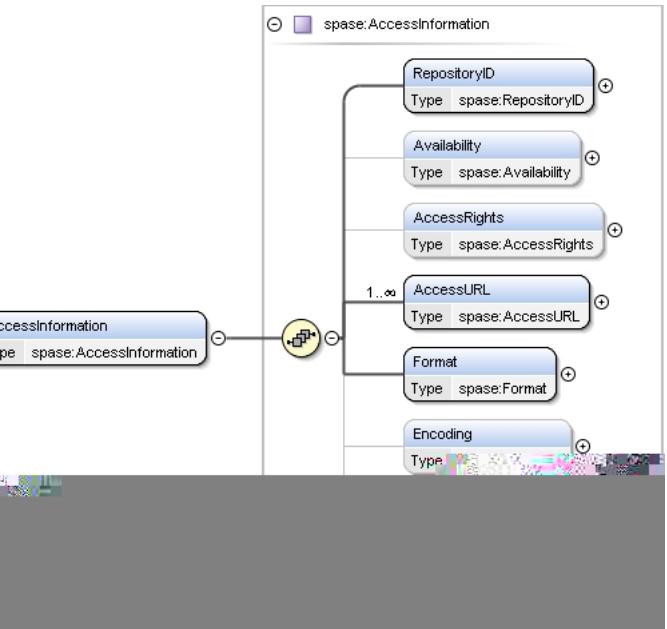
Element spase:Association / spase:Note

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Note						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Note" type="spase:Note" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:ResourceHeader / spase:PriorID

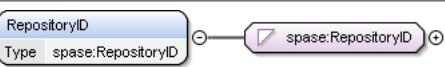
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:PriorID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="PriorID" type="spase:PriorID" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Catalog / spase:AccessInformation

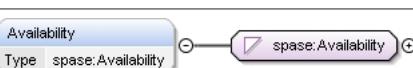
Namespace	http://www.spase-group.org/data/schema		
Diagram			
Type	spase:AccessInformation		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>	content:	complex
content:	complex		

	minOccurs:	1
	maxOccurs:	unbounded
Model	spase:RepositoryID , spase:Availability{0,1} , spase:AccessRights{0,1} , spase:AccessURL+ , spase:Format , spase:Encoding{0,1} , spase:DataExtent{0,1} , spase:Acknowledgement{0,1}	
Children	spase:AccessRights, spase:AccessURL, spase:Acknowledgement, spase:Availability, spase:DataExtent, spase:Encoding, spase:Format, spase:RepositoryID	
Instance	<spase:AccessInformation xmlns:spase="http://www.spase-group.org/data/schema"> <spase:RepositoryID>{1,1}</spase:RepositoryID> <spase:Availability>{0,1}</spase:Availability> <spase:AccessRights>{0,1}</spase:AccessRights> <spase:AccessURL>{1,unbounded}</spase:AccessURL> <spase:Format>{1,1}</spase:Format> <spase:Encoding>{0,1}</spase:Encoding> <spase:DataExtent>{0,1}</spase:DataExtent> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> </spase:AccessInformation>	
Source	<xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

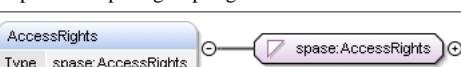
Element spase:AccessInformation / spase:RepositoryID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:RepositoryID
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="RepositoryID" type="spase:RepositoryID" minOccurs="1" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessInformation / spase:Availability

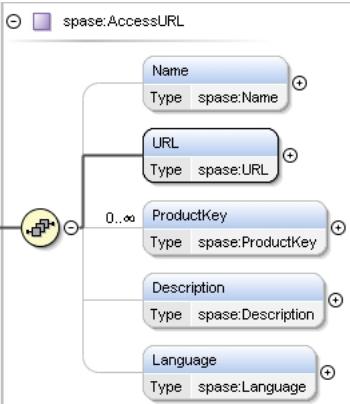
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Availability
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	enumeration Offline enumeration Online
Source	<xsd:element name="Availability" type="spase:Availability" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessInformation / spase:AccessRights

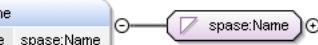
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:AccessRights

Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	enumeration Open enumeration Restricted
Source	<xsd:element name="AccessRights" type="spase:AccessRights" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessInformation / spase:AccessURL

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:AccessURL
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	spase:Name{0,1} , spase:URL , spase:ProductKey* , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:ProductKey, spase:URL
Instance	<spase:AccessURL xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{0,1}</spase:Name> <spase:URL>{1,1}</spase:URL> <spase:ProductKey>{0,unbounded}</spase:ProductKey> <spase:Description>{0,1}</spase:Description> <spase:Language>{0,1}</spase:Language> </spase:AccessURL>
Source	<xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

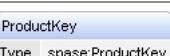
Element spase:AccessURL / spase:Name

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Name
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="Name" type="spase:Name" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

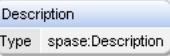
Element spase:AccessURL / spase:URL

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:URL
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="URL" type="spase:URL" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessURL / spase:ProductKey

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ProductKey
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Source	<xsd:element name="ProductKey" type="spase:ProductKey" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessURL / spase:Description

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Description
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessURL / spase:Language

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Language
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="Language" type="spase:Language" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessInformation / spase:Format

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class Format { <<Type spase:Format>> } class spaseFormat { <<spase:Format>> } Format < -- spaseFormat </pre>
Type	spase:Format
Properties	content: simple minOccurs: 1 maxOccurs: 1
Facets	enumeration AVI enumeration Binary enumeration CDF enumeration CEF enumeration CEF1 enumeration CEF2 enumeration Excel enumeration FITS enumeration GIF enumeration HDF enumeration HDF4 enumeration HDF5 enumeration HTML enumeration Hardcopy enumeration Hardcopy.Film enumeration Hardcopy.Microfiche enumeration Hardcopy.Microfilm enumeration Hardcopy.Photograph enumeration Hardcopy.PhotographicPlate enumeration Hardcopy.Print enumeration IDFS enumeration IDL enumeration JPEG enumeration MATLAB_4 enumeration MATLAB_6 enumeration MATLAB_7 enumeration MPEG enumeration NCAR enumeration NetCDF enumeration PDF enumeration PNG enumeration Postscript enumeration QuickTime enumeration TIFF enumeration Text enumeration Text.ASCII enumeration Text.Unicode enumeration UDF enumeration VOTable enumeration XML

Source	<code><xsd:element name="Format" type="spase:Format" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessInformation / spase:Encoding

Namespace	http://www.spase-group.org/data/schema																		
Diagram																			
Type	spase:Encoding																		
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1												
content:	simple																		
minOccurs:	0																		
maxOccurs:	1																		
Facets	<table> <tr> <td>enumeration</td> <td>ASCII</td> </tr> <tr> <td>enumeration</td> <td>BZIP2</td> </tr> <tr> <td>enumeration</td> <td>Base64</td> </tr> <tr> <td>enumeration</td> <td>GZIP</td> </tr> <tr> <td>enumeration</td> <td>None</td> </tr> <tr> <td>enumeration</td> <td>S3_BUCKET</td> </tr> <tr> <td>enumeration</td> <td>TAR</td> </tr> <tr> <td>enumeration</td> <td>Unicode</td> </tr> <tr> <td>enumeration</td> <td>ZIP</td> </tr> </table>	enumeration	ASCII	enumeration	BZIP2	enumeration	Base64	enumeration	GZIP	enumeration	None	enumeration	S3_BUCKET	enumeration	TAR	enumeration	Unicode	enumeration	ZIP
enumeration	ASCII																		
enumeration	BZIP2																		
enumeration	Base64																		
enumeration	GZIP																		
enumeration	None																		
enumeration	S3_BUCKET																		
enumeration	TAR																		
enumeration	Unicode																		
enumeration	ZIP																		
Source	<code><xsd:element name="Encoding" type="spase:Encoding" minOccurs="0" maxOccurs="1"/></code>																		
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd																		

Element spase:AccessInformation / spase:DataExtent

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:DataExtent						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:Quantity , spase:Units{0,1} , spase:Per{0,1}						
Children	spase:Per, spase:Quantity, spase:Units						
Instance	<code><spase:DataExtent xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Quantity>{1,1}</spase:Quantity> <spase:Units>{0,1}</spase:Units> <spase:Per>{0,1}</spase:Per> </spase:DataExtent></code>						
Source	<code><xsd:element name="DataExtent" type="spase:DataExtent" minOccurs="0" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DataExtent / spase:Quantity

Namespace	http://www.spase-group.org/data/schema
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Diagram	.
Type	spase:Quantity
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Quantity" type="spase:Quantity" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DataExtent / spase:Units

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Units
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Units" type="spase:Units" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DataExtent / spase:Per

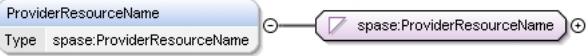
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Per
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Per" type="spase:Per" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AccessInformation / spase:Acknowledgement

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Acknowledgement
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Acknowledgement" type="spase:Acknowledgement" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:ProviderResourceName

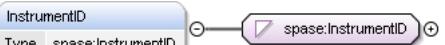
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:ProviderResourceName
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ProviderResourceName" type="spase:ProviderResourceName" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:ProviderVersion

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ProviderVersion
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ProviderVersion" type="spase:ProviderVersion" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:InstrumentID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:InstrumentID
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="InstrumentID" type="spase:InstrumentID" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:PhenomenonType

Namespace	http://www.spase-group.org/data/schema								
Diagram									
Type	spase:PhenomenonType								
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: unbounded</p>								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ActiveRegion</td> </tr> <tr> <td>enumeration</td> <td>Aurora</td> </tr> <tr> <td>enumeration</td> <td>BowShockCrossing</td> </tr> <tr> <td>enumeration</td> <td>CoronalHole</td> </tr> </table>	enumeration	ActiveRegion	enumeration	Aurora	enumeration	BowShockCrossing	enumeration	CoronalHole
enumeration	ActiveRegion								
enumeration	Aurora								
enumeration	BowShockCrossing								
enumeration	CoronalHole								

	enumeration <code>CoronalMassEjection</code>
	enumeration <code>EITWave</code>
	enumeration <code>EnergeticSolarParticleEvent</code>
	enumeration <code>ForbushDecrease</code>
	enumeration <code>GeomagneticStorm</code>
	enumeration <code>InterplanetaryShock</code>
	enumeration <code>MagneticCloud</code>
	enumeration <code>MagnetopauseCrossing</code>
	enumeration <code>RadioBurst</code>
	enumeration <code>SectorBoundaryCrossing</code>
	enumeration <code>SolarFlare</code>
	enumeration <code>SolarWindExtreme</code>
	enumeration <code>StreamInteractionRegion</code>
	enumeration <code>Substorm</code>
Source	<code><xsd:element name="PhenomenonType" type="spase:PhenomenonType" minOccurs="1" maxOccurs="unbounded" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:TimeSpan

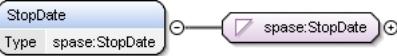
Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class TimeSpan { StartDate Type spase:StartDate StopDate Type spase:StopDate RelativeStopDate Type spase:RelativeStopDate Note Type spase>Note multiplicity 0..∞ } TimeSpan < -- TimeSpan </pre>
Type	spase:TimeSpan
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:StartDate , (spase:StopDate spase:RelativeStopDate) , spase:Note*
Children	spase:Note, spase:RelativeStopDate, spase:StartDate, spase:StopDate
Instance	<pre> <spase:TimeSpan xmlns:spase="http://www.spase-group.org/data/schema"> <spase:StartDate>{1,1}</spase:StartDate> <spase:StopDate>{1,1}</spase:StopDate> <spase:RelativeStopDate>{1,1}</spase:RelativeStopDate> <spase:Note>{0,unbounded}</spase:Note> </spase:TimeSpan> </pre>
Source	<code><xsd:element name="TimeSpan" type="spase:TimeSpan" minOccurs="0" maxOccurs="1" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:TimeSpan / spase:StartDate

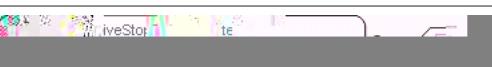
Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class StartDate { Type spase:StartDate } StartDate < -- StartDate </pre>
Type	spase:StartDate

Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="StartDate" type="spase:StartDate" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

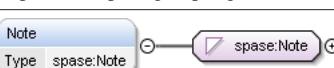
Element spase:TimeSpan / spase:StopDate

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:StopDate
Properties	content: simple
Source	<xsd:element name="StopDate" type="spase:StopDate" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

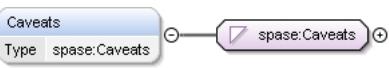
Element spase:TimeSpan / spase:RelativeStopDate

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:RelativeStopDate
Properties	content: simple
Source	<xsd:element name="RelativeStopDate" type="spase:RelativeStopDate" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:TimeSpan / spase:Note

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Note
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Source	<xsd:element name="Note" type="spase:Note" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Catalog / spase:Caveats

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Caveats
Properties	content: simple minOccurs: 0

	maxOccurs:	1
Source	<xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Catalog / spase:Keyword

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Keyword { <<Type spase:Keyword>> } Keyword "1" -- "1" Keyword : spase:Keyword </pre>						
Type	spase:Keyword						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

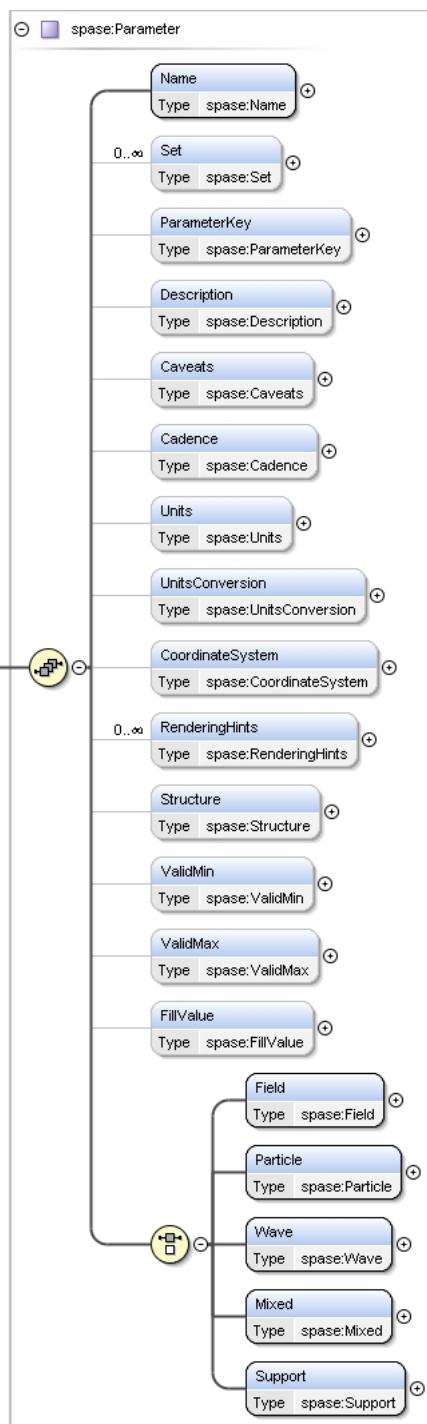
Element spase:Catalog / spase:InputResourceID

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class InputResourceID { <<Type spase:InputResourceID>> } InputResourceID "1" -- "1" InputResourceID : spase:InputResourceID </pre>						
Type	spase:InputResourceID						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Catalog / spase:Parameter

Namespace	http://www.spase-group.org/data/schema
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Diagram



Type	<code>spase:Parameter</code>						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	<code>spase:Name , spase:Set*</code> , <code>spase:ParameterKey{0,1}</code> , <code>spase:Description{0,1}</code> , <code>spase:Caveats{0,1}</code> , <code>spase:Cadence{0,1}</code> , <code>spase:Units{0,1}</code> , <code>spase:UnitsConversion{0,1}</code> , <code>spase:CoordinateSystem{0,1}</code> , <code>spase:RenderingHints*</code> , <code>spase:Structure{0,1}</code> , <code>spase:ValidMin{0,1}</code> , <code>spase:ValidMax{0,1}</code> , <code>spase:FillValue{0,1}</code> , (<code>spase:Field</code> <code>spase:Particle</code> <code>spase:Wave</code> <code>spase:Mixed</code> <code>spase:Support</code>)						
Children	<code>spase:Cadence</code> , <code>spase:Caveats</code> , <code>spase:CoordinateSystem</code> , <code>spase:Description</code> , <code>spase:Field</code> , <code>spase:FillValue</code> , <code>spase:Mixed</code> , <code>spase:Name</code> , <code>spase:ParameterKey</code> , <code>spase:Particle</code> , <code>spase:RenderingHints</code> , <code>spase:Set</code> , <code>spase:Structure</code> , <code>spase:Support</code> , <code>spase:Units</code> , <code>spase:UnitsConversion</code> , <code>spase:ValidMax</code> , <code>spase:ValidMin</code> , <code>spase:Wave</code>						
Instance	<code><spase:Parameter xmlns:spase="http://www.spase-group.org/data/schema"></code> <code><spase:Name>{1,1}</spase:Name></code>						

	<pre> <spase:Set>{0,unbounded}</spase:Set> <spase:ParameterKey>{0,1}</spase:ParameterKey> <spase:Description>{0,1}</spase:Description> <spase:Caveats>{0,1}</spase:Caveats> <spase:Cadence>{0,1}</spase:Cadence> <spase:Units>{0,1}</spase:Units> <spase:UnitsConversion>{0,1}</spase:UnitsConversion> <spase:CoordinateSystem>{0,1}</spase:CoordinateSystem> <spase:RenderingHints>{0,unbounded}</spase:RenderingHints> <spase:Structure>{0,1}</spase:Structure> <spase:ValidMin>{0,1}</spase:ValidMin> <spase:ValidMax>{0,1}</spase:ValidMax> <spase:FillValue>{0,1}</spase:FillValue> <spase:Field>{1,1}</spase:Field> <spase:Particle>{1,1}</spase:Particle> <spase:Wave>{1,1}</spase:Wave> <spase:Mixed>{1,1}</spase:Mixed> <spase:Support>{1,1}</spase:Support> </spase:Parameter> </pre>
Source	<xsd:element name=</spase:Units00 -r 0 . ej 0 g 1 0 0 -r 0 .ulse:Units>

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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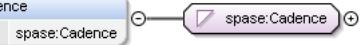
Element spase:Parameter / spase:Description

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Description						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

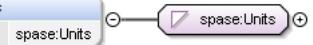
Element spase:Parameter / spase:Caveats

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Caveats						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

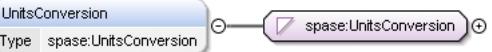
Element spase:Parameter / spase:Cadence

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Cadence						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Cadence" type="spase:Cadence" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

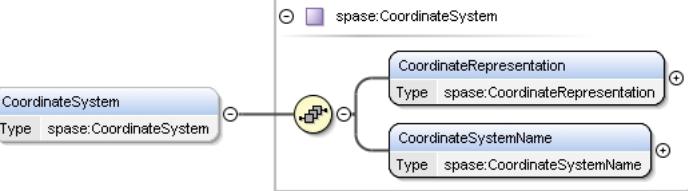
Element spase:Parameter / spase:Units

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Units						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Units" type="spase:Units" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

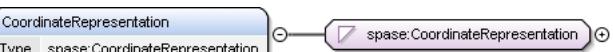
Element spase:Parameter / spase:UnitsConversion

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:UnitsConversion
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="UnitsConversion" type="spase:UnitsConversion" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:CoordinateSystem

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:CoordinateSystem
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:CoordinateRepresentation , spase:CoordinateSystemName
Children	spase:CoordinateRepresentation, spase:CoordinateSystemName
Instance	<spase:CoordinateSystem xmlns:spase="http://www.spase-group.org/data/schema"> <spase:CoordinateRepresentation>{1,1}</spase:CoordinateRepresentation> <spase:CoordinateSystemName>{1,1}</spase:CoordinateSystemName> </spase:CoordinateSystem>
Source	<xsd:element name="CoordinateSystem" type="spase:CoordinateSystem" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:CoordinateSystem / spase:CoordinateRepresentation

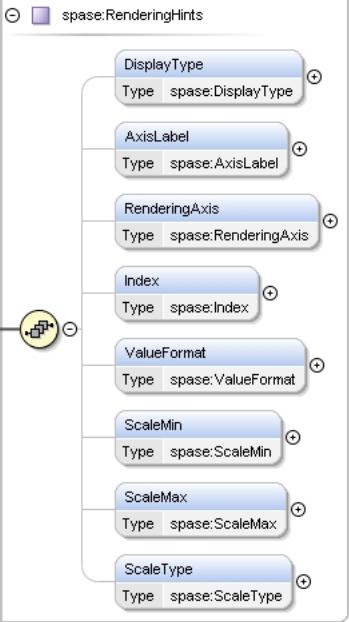
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:CoordinateRepresentation
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Facets	<p>enumeration Cartesian</p> <p>enumeration Cylindrical</p> <p>enumeration Spherical</p>
Source	<xsd:element name="CoordinateRepresentation" type="spase:CoordinateRepresentation" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:CoordinateSystem / spase:CoordinateSystemName

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:CoordinateSystemName
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Facets	<p>enumeration CGM</p> <p>enumeration Carrington</p> <p>enumeration DM</p> <p>enumeration ECEF</p> <p>enumeration ENP</p> <p>enumeration GEI</p> <p>enumeration GEO</p> <p>enumeration GSE</p> <p>enumeration GSEQ</p> <p>enumeration GSM</p> <p>enumeration HAE</p> <p>enumeration HCC</p> <p>enumeration HCI</p> <p>enumeration HCR</p> <p>enumeration HEE</p> <p>enumeration HEEQ</p> <p>enumeration HG</p> <p>enumeration HGI</p> <p>enumeration HPC</p> <p>enumeration HPR</p> <p>enumeration J2000</p> <p>enumeration LGM</p> <p>enumeration MAG</p> <p>enumeration MFA</p> <p>enumeration RTN</p> <p>enumeration SC</p> <p>enumeration SE</p> <p>enumeration SM</p> <p>enumeration SR</p> <p>enumeration SR2</p> <p>enumeration SSE</p> <p>enumeration SSE_L</p> <p>enumeration SpacecraftOrbitPlane</p> <p>enumeration WGS84</p>
Source	<pre><xsd:element name="CoordinateSystemName" type="spase:CoordinateSystemName" minOccurs="1" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:RenderingHints

Namespace	http://www.spase-group.org/data/schema
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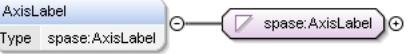
Diagram	
Type	spase:RenderingHints
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	spase:DisplayType{0,1} , spase:AxisLabel{0,1} , spase:RenderingAxis{0,1} , spase:Index{0,1} , spase:ValueFormat{0,1} , spase:ScaleMin{0,1} , spase:ScaleMax{0,1} , spase:ScaleType{0,1}
Children	spase:AxisLabel, spase:DisplayType, spase:Index, spase:RenderingAxis, spase:ScaleMax, spase:ScaleMin, spase:ScaleType, spase:ValueFormat
Instance	<pre><spase:RenderingHints xmlns:spase="http://www.spase-group.org/data/schema"> <spase:DisplayType>{0,1}</spase:DisplayType> <spase:AxisLabel>{0,1}</spase:AxisLabel> <spase:RenderingAxis>{0,1}</spase:RenderingAxis> <spase:Index>{0,1}</spase:Index> <spase:ValueFormat>{0,1}</spase:ValueFormat> <spase:ScaleMin>{0,1}</spase:ScaleMin> <spase:ScaleMax>{0,1}</spase:ScaleMax> <spase:ScaleType>{0,1}</spase:ScaleType> </spase:RenderingHints></pre>
Source	<code><xsd:element name="RenderingHints" type="spase:RenderingHints" minOccurs="0" maxOccurs="unbounded" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:RenderingHints / spase:DisplayType

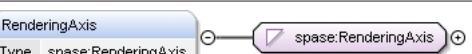
Namespace	http://www.spase-group.org/data/schema												
Diagram													
Type	spase:DisplayType												
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>												
Facets	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">Image</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">Plasmagram</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">Spectrogram</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">StackPlot</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">TimeSeries</td> </tr> <tr> <td style="padding: 2px;">enumeration</td> <td style="padding: 2px;">WaveForm</td> </tr> </table>	enumeration	Image	enumeration	Plasmagram	enumeration	Spectrogram	enumeration	StackPlot	enumeration	TimeSeries	enumeration	WaveForm
enumeration	Image												
enumeration	Plasmagram												
enumeration	Spectrogram												
enumeration	StackPlot												
enumeration	TimeSeries												
enumeration	WaveForm												

Source	<code><xsd:element name="DisplayType" type="spase:DisplayType" minOccurs="0" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

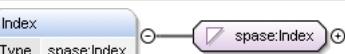
Element spase:RenderingHints / spase:AxisLabel

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:AxisLabel						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<code><xsd:element name="AxisLabel" type="spase:AxisLabel" minOccurs="0" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:RenderingHints / spase:RenderingAxis

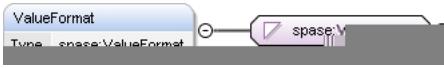
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:RenderingAxis						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ColorBar</td> </tr> <tr> <td>enumeration</td> <td>Horizontal</td> </tr> <tr> <td>enumeration</td> <td>Vertical</td> </tr> </table>	enumeration	ColorBar	enumeration	Horizontal	enumeration	Vertical
enumeration	ColorBar						
enumeration	Horizontal						
enumeration	Vertical						
Source	<code><xsd:element name="RenderingAxis" type="spase:RenderingAxis" minOccurs="0" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:RenderingHints / spase:Index

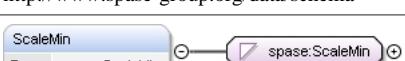
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Index						
Type hierarchy	<ul style="list-style-type: none"> • xsd:integer • spase:typeSequence • spase:Index 						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<code><xsd:element name="Index" type="spase:Index" minOccurs="0" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:RenderingHints / spase:ValueFormat

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:ValueFormat
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ValueFormat" type="spase:ValueFormat" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

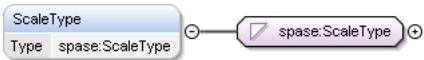
Element spase:RenderingHints / spase:ScaleMin

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ScaleMin
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ScaleMin" type="spase:ScaleMin" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:RenderingHints / spase:ScaleMax

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ScaleMax
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ScaleMax" type="spase:ScaleMax" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:RenderingHints / spase:ScaleType

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ScaleType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Facets	<p>enumeration LinearScale</p> <p>enumeration LogScale</p>
Source	<xsd:element name="ScaleType" type="spase:ScaleType" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:Structure

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class spase { class Structure { attribute spase:Size attribute spase:Description attribute spase:Element } } </pre>						
Type	spase:Structure						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:Size , spase:Description{0,1} , spase:Element*						
Children	spase:Description, spase:Element, spase:Size						
Instance	<spase:Structure xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Size>{1,1}</spase:Size> <spase:Description>{0,1}</spase:Description> <spase:Element>{0,unbounded}</spase:Element> </spase:Structure>						
Source	<xsd:element name="Structure" type="spase:Structure" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Structure / spase:Size

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class spase { class Size { attribute spase:Size } } </pre>						
Type	spase:Size						
Type hierarchy	<ul style="list-style-type: none"> xsd:integer spase:typeSequence spase:Size 						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="Size" type="spase:Size" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Structure / spase:Description

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class spase { class Description { attribute spase:Description } } </pre>						
Type	spase:Description						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/>						

Schema location

file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Structure / spase:Element

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class spase:Element { Name Qualifier Index ParameterKey Units UnitsConversion ValidMin ValidMax FillValue RenderingHints } class Element { <--> spase:Element } Element <--> spase:Element </pre>						
Type	spase:Element						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	spase:Name , spase:Qualifier* , spase:Index , spase:ParameterKey{0,1} , spase:Units{0,1} , spase:UnitsConversion{0,1} , spase:ValidMin{0,1} , spase:ValidMax{0,1} , spase:FillValue{0,1} , spase:RenderingHints{0,1}						
Children	spase:FillValue, spase:Index, spase:Name, spase:ParameterKey, spase:Qualifier, spase:RenderingHints, spase:Units, spase:UnitsConversion, spase:ValidMax, spase:ValidMin						
Instance	<pre> <spase:Element xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{1,1}</spase:Name> <spase:Qualifier>{0,unbounded}</spase:Qualifier> <spase:Index>{1,1}</spase:Index> <spase:ParameterKey>{0,1}</spase:ParameterKey> <spase:Units>{0,1}</spase:Units> <spase:UnitsConversion>{0,1}</spase:UnitsConversion> <spase:ValidMin>{0,1}</spase:ValidMin> <spase:ValidMax>{0,1}</spase:ValidMax> <spase:FillValue>{0,1}</spase:FillValue> <spase:RenderingHints>{0,1}</spase:RenderingHints> </spase:Element> </pre>						
Source	<xsd:element name="Element" type="spase:Element" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

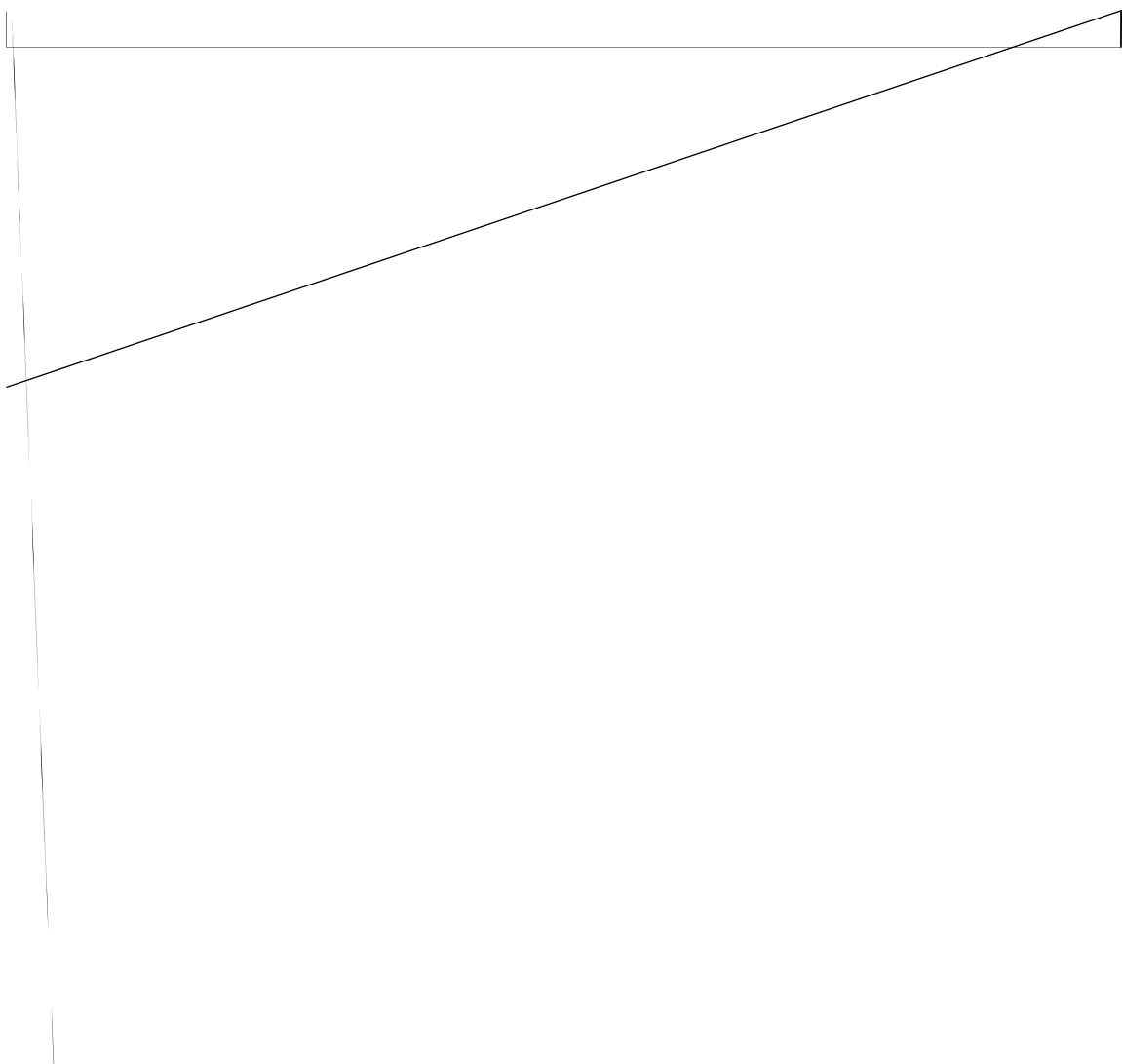
Element spase:Element / spase:Name

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class spase:Name { Name } class spase:Element { <--> spase:Name } spase:Element <--> spase:Name </pre>

maxOccurs:	spase:Name
Properties	simpleType: minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="Name" type="spase:Name" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:Qualifier

Namespace	http://www.spase-group.org/data/schema
Properties	



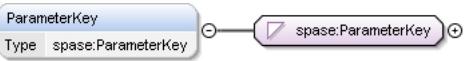
enumeration	Minimum
enumeration	Moment
enumeration	Parallel
enumeration	Peak
enumeration	Perpendicular
enumeration	Perturbation
enumeration	Phase
enumeration	PhaseAngle
enumeration	Projection
enumeration	Projection.IJ
enumeration	Projection.IK
enumeration	Projection.JK
enumeration	Pseudo
enumeration	Ratio
enumeration	Scalar
enumeration	Spectral
enumeration	StandardDeviation
enumeration	StokesParameters
enumeration	Strahl
enumeration	Superhalo
enumeration	Symmetric
enumeration	Tensor
enumeration	Total
enumeration	Trace
enumeration	Uncertainty
enumeration	Variance
enumeration	Vector
Source	<xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:Index

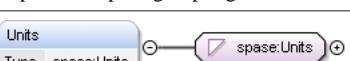
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Index { <<Index>> <<Type>> } class spase:Index { <<spase:Index>> } Index < -- spase:Index </pre>						
Type	spase:Index						
Type hierarchy	<ul style="list-style-type: none"> xsd:integer spase:typeSequence spase:Index 						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="Index" type="spase:Index" minOccurs="1" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Element / spase:ParameterKey

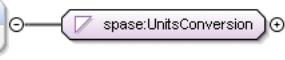
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:ParameterKey
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ParameterKey" type="spase:ParameterKey" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

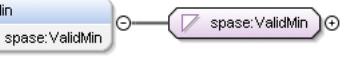
Element spase:Element / spase:Units

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Units
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Units" type="spase:Units" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:UnitsConversion

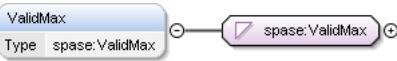
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:UnitsConversion
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="UnitsConversion" type="spase:UnitsConversion" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:ValidMin

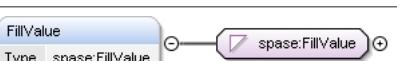
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ValidMin
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ValidMin" type="spase:ValidMin" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:ValidMax

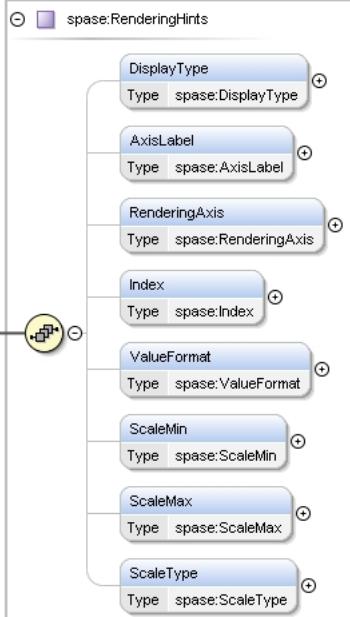
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:ValidMax
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ValidMax" type="spase:ValidMax" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:FillValue

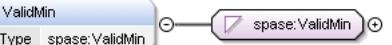
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:FillValue
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="FillValue" type="spase:FillValue" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Element / spase:RenderingHints

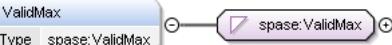
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:RenderingHints
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:DisplayType{0,1} , spase:AxisLabel{0,1} , spase:RenderingAxis{0,1} , spase:Index{0,1} , spase:ValueFormat{0,1} , spase:ScaleMin{0,1} , spase:ScaleMax{0,1} , spase:ScaleType{0,1}
Children	spase:AxisLabel, spase:DisplayType, spase:Index, spase:RenderingAxis, spase:ScaleMax, spase:ScaleMin, spase:ScaleType, spase:ValueFormat

Instance	<pre><spase:RenderingHints xmlns:spase="http://www.spase-group.org/data/schema"> <spase:DisplayType>{0,1}</spase:DisplayType> <spase:AxisLabel>{0,1}</spase:AxisLabel> <spase:RenderingAxis>{0,1}</spase:RenderingAxis> <spase:Index>{0,1}</spase:Index> <spase:ValueFormat>{0,1}</spase:ValueFormat> <spase:ScaleMin>{0,1}</spase:ScaleMin> <spase:ScaleMax>{0,1}</spase:ScaleMax> <spase:ScaleType>{0,1}</spase:ScaleType> </spase:RenderingHints></pre>
Source	<pre><xsd:element name="RenderingHints" type="spase:RenderingHints" minOccurs="0" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

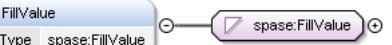
Element spase:Parameter / spase:ValidMin

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ValidMin
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element name="ValidMin" type="spase:ValidMin" minOccurs="0" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:ValidMax

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ValidMax
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element name="ValidMax" type="spase:ValidMax" minOccurs="0" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:FieldValue

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:FieldValue
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element name="FieldValue" type="spase:FieldValue" minOccurs="0" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:Field

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Field
Properties	content: complex
Model	spase:Qualifier*, spase:FieldQuantity , spase:FrequencyRange{0,1}
Children	spase:FieldQuantity, spase:FrequencyRange, spase:Qualifier
Instance	<pre><spase:Field xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Qualifier>{0,unbounded}</spase:Qualifier> <spase:FieldQuantity>{1,1}</spase:FieldQuantity> <spase:FrequencyRange>{0,1}</spase:FrequencyRange> </spase:Field></pre>
Source	<code><xsd:element name="Field" type="spase:Field"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Field / spase:Qualifier

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Qualifier
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Facets	<p>enumeration Anisotropy</p> <p>enumeration Array</p> <p>enumeration Average</p> <p>enumeration Characteristic</p> <p>enumeration Circular</p> <p>enumeration Column</p> <p>enumeration Component</p> <p>enumeration Component.I</p> <p>enumeration Component.J</p> <p>enumeration Component.K</p> <p>enumeration Core</p> <p>enumeration CrossSpectrum</p> <p>enumeration Deviation</p> <p>enumeration Differential</p> <p>enumeration Direction</p> <p>enumeration DirectionAngle</p> <p>enumeration DirectionAngle.AzimuthAngle</p> <p>enumeration DirectionAngle.ElevationAngle</p> <p>enumeration DirectionAngle.PolarAngle</p> <p>enumeration Directional</p> <p>enumeration FieldAligned</p> <p>enumeration Fit</p>

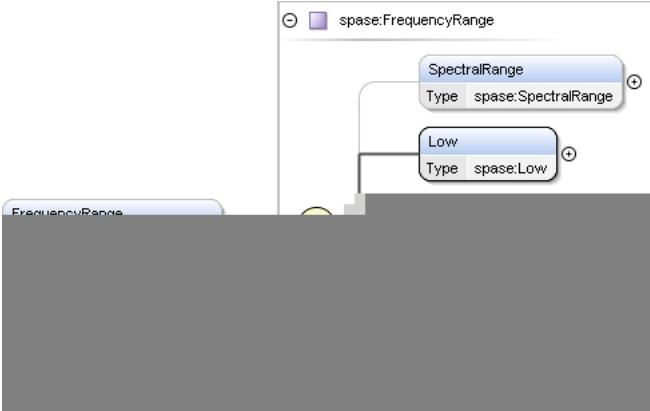
enumeration	Group
enumeration	Halo
enumeration	Integral
enumeration	Integral.Area
enumeration	Integral.Bandwidth
enumeration	Integral.SolidAngle
enumeration	LineOfSight
enumeration	Linear
enumeration	Magnitude
enumeration	Maximum
enumeration	Median
enumeration	Minimum
enumeration	Moment
enumeration	Parallel
enumeration	Peak
enumeration	Perpendicular
enumeration	Perturbation
enumeration	Phase
enumeration	PhaseAngle
enumeration	Projection
enumeration	Projection.IJ
enumeration	Projection.IK
enumeration	Projection.JK
enumeration	Pseudo
enumeration	Ratio
enumeration	Scalar
enumeration	Spectral
enumeration	StandardDeviation
enumeration	StokesParameters
enumeration	Strahl
enumeration	Superhalo
enumeration	Symmetric
enumeration	Tensor
enumeration	Total
enumeration	Trace
enumeration	Uncertainty
enumeration	Variance
enumeration	Vector
Source	<xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Field / spase:FieldQuantity

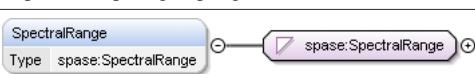
Namespace	http://www.spase-group.org/data/schema				
Diagram	<pre> classDiagram class FieldQuantity { <<Type spase:FieldQuantity>> } FieldQuantity "0..1" *-- "0..1" FieldQuantity </pre>				
Type	spase:FieldQuantity				
Properties	<table border="1"> <tbody> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> </tbody> </table>	content:	simple	minOccurs:	1
content:	simple				
minOccurs:	1				

	maxOccurs:	1
Facets	enumeration	Current
	enumeration	Electric
	enumeration	Electromagnetic
	enumeration	Gyrofrequency
	enumeration	Magnetic
	enumeration	PlasmaFrequency
	enumeration	Potential
	enumeration	PoyntingFlux
Source	<xsd:element name="FieldQuantity" type="spase:FieldQuantity" minOccurs="1" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Field / spase:FrequencyRange

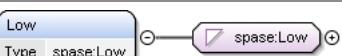
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:FrequencyRange						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:SpectralRange{0,1} , spase:Low , spase:High , spase:Units , spase:Bin*						
Children	spase:Bin, spase:High, spase:Low, spase:SpectralRange, spase:Units						
Instance	<pre><spase:FrequencyRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:SpectralRange>{0,1}</spase:SpectralRange> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0,unbounded}</spase:Bin> </spase:FrequencyRange></pre>						
Source	<xsd:element name="FrequencyRange" type="spase:FrequencyRange" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:FrequencyRange / spase:SpectralRange

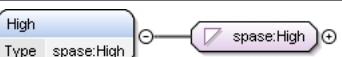
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:SpectralRange						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Facets	enumeration CaK enumeration ExtremeUltraviolet enumeration FarUltraviolet enumeration GammaRays enumeration Halpha enumeration HardXrays enumeration He10830 enumeration He304 enumeration Infrared enumeration K7699 enumeration LBHBand enumeration Microwave enumeration NaD enumeration Ni6768 enumeration Optical enumeration RadioFrequency enumeration SoftXrays enumeration Ultraviolet enumeration WhiteLight enumeration XRays
Source	<xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:FrequencyRange / spase:Low

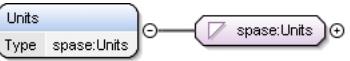
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Low
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:FrequencyRange / spase:High

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:High
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:FrequencyRange / spase:Units

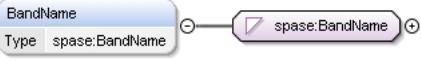
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Units
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

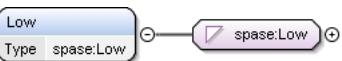
Element spase:FrequencyRange / spase:Bin

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Bin
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	spase:BandName{0,1} , spase:Low , spase:High
Children	spase:BandName, spase:High, spase:Low
Instance	<spase:Bin xmlns:spase="http://www.spase-group.org/data/schema"><spase:BandName>{0,1}</spase:BandName><spase:Low>{1,1}</spase:Low><spase:High>{1,1}</spase:High></spase:Bin>
Source	<xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Bin / spase:BandName

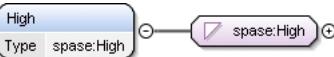
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:BandName
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="BandName" type="spase:BandName" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Bin / spase:Low

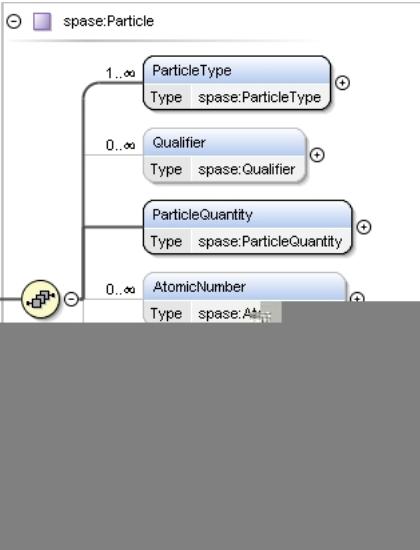
Namespace	http://www.spase-group.org/data/schema
Diagram	

Type	spase:Low
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Bin / spase:High

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:High
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:Particle

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Particle
Properties	content: complex
Model	spase:ParticleType+, spase:Qualifier*, spase:ParticleQuantity, spase:AtomicNumber*, spase:EnergyRange{0,1}, spase:AzimuthalAngleRange{0,1}, spase:PolarAngleRange{0,1}
Children	spase:AtomicNumber, spase:AzimuthalAngleRange, spase:EnergyRange, spase:ParticleQuantity, spase:ParticleType, spase:PolarAngleRange, spase:Qualifier
Instance	<pre> <spase:Particle xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ParticleType>{1,unbounded}</spase:ParticleType> <spase:Qualifier>{0,unbounded}</spase:Qualifier> <spase:ParticleQuantity>{1,1}</spase:ParticleQuantity> <spase:AtomicNumber>{0,unbounded}</spase:AtomicNumber> <spase:EnergyRange>{0,1}</spase:EnergyRange> <spase:AzimuthalAngleRange>{0,1}</spase:AzimuthalAngleRange> <spase:PolarAngleRange>{0,1}</spase:PolarAngleRange> </spase:Particle> </pre>

Source	<code><xsd:element name="Particle" type="spase:Particle"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Particle / spase:ParticleType

Namespace	http://www.spase-group.org/data/schema																		
Diagram	A UML class diagram fragment showing a generalization relationship. A box labeled "ParticleType" with a "Type" tag below it has a line with a hollow circle at its end pointing to another box labeled "spase:ParticleType". A hollow circle is at the start of the line, and a plus sign (+) is at the end.																		
Type	spase:ParticleType																		
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	unbounded												
content:	simple																		
minOccurs:	1																		
maxOccurs:	unbounded																		
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Aerosol</td> </tr> <tr> <td>enumeration</td> <td>AlphaParticle</td> </tr> <tr> <td>enumeration</td> <td>Atom</td> </tr> <tr> <td>enumeration</td> <td>Dust</td> </tr> <tr> <td>enumeration</td> <td>Electron</td> </tr> <tr> <td>enumeration</td> <td>Ion</td> </tr> <tr> <td>enumeration</td> <td>Molecule</td> </tr> <tr> <td>enumeration</td> <td>Neutron</td> </tr> <tr> <td>enumeration</td> <td>Proton</td> </tr> </table>	enumeration	Aerosol	enumeration	AlphaParticle	enumeration	Atom	enumeration	Dust	enumeration	Electron	enumeration	Ion	enumeration	Molecule	enumeration	Neutron	enumeration	Proton
enumeration	Aerosol																		
enumeration	AlphaParticle																		
enumeration	Atom																		
enumeration	Dust																		
enumeration	Electron																		
enumeration	Ion																		
enumeration	Molecule																		
enumeration	Neutron																		
enumeration	Proton																		
Source	<code><xsd:element name="ParticleType" type="spase:ParticleType" minOccurs="1" maxOccurs="unbounded"/></code>																		
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd																		

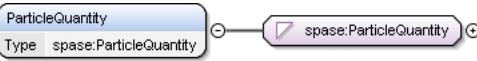
Element spase:Particle / spase:Qualifier

Namespace	http://www.spase-group.org/data/schema																																
Diagram	A UML class diagram fragment showing a generalization relationship. A box labeled "Qualifier" with a "Type" tag below it has a line with a hollow circle at its end pointing to another box labeled "spase:Qualifier". A hollow circle is at the start of the line, and a plus sign (+) is at the end.																																
Type	spase:Qualifier																																
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded																										
content:	simple																																
minOccurs:	0																																
maxOccurs:	unbounded																																
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Anisotropy</td> </tr> <tr> <td>enumeration</td> <td>Array</td> </tr> <tr> <td>enumeration</td> <td>Average</td> </tr> <tr> <td>enumeration</td> <td>Characteristic</td> </tr> <tr> <td>enumeration</td> <td>Circular</td> </tr> <tr> <td>enumeration</td> <td>Column</td> </tr> <tr> <td>enumeration</td> <td>Component</td> </tr> <tr> <td>enumeration</td> <td>Component.I</td> </tr> <tr> <td>enumeration</td> <td>Component.J</td> </tr> <tr> <td>enumeration</td> <td>Component.K</td> </tr> <tr> <td>enumeration</td> <td>Core</td> </tr> <tr> <td>enumeration</td> <td>CrossSpectrum</td> </tr> <tr> <td>enumeration</td> <td>Deviation</td> </tr> <tr> <td>enumeration</td> <td>Differential</td> </tr> <tr> <td>enumeration</td> <td>Direction</td> </tr> <tr> <td>enumeration</td> <td>DirectionAngle</td> </tr> </table>	enumeration	Anisotropy	enumeration	Array	enumeration	Average	enumeration	Characteristic	enumeration	Circular	enumeration	Column	enumeration	Component	enumeration	Component.I	enumeration	Component.J	enumeration	Component.K	enumeration	Core	enumeration	CrossSpectrum	enumeration	Deviation	enumeration	Differential	enumeration	Direction	enumeration	DirectionAngle
enumeration	Anisotropy																																
enumeration	Array																																
enumeration	Average																																
enumeration	Characteristic																																
enumeration	Circular																																
enumeration	Column																																
enumeration	Component																																
enumeration	Component.I																																
enumeration	Component.J																																
enumeration	Component.K																																
enumeration	Core																																
enumeration	CrossSpectrum																																
enumeration	Deviation																																
enumeration	Differential																																
enumeration	Direction																																
enumeration	DirectionAngle																																

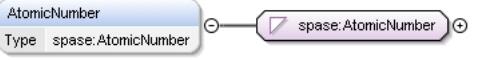
enumeration	DirectionAngle.AzimuthAngle
enumeration	DirectionAngle.ElevationAngle
enumeration	DirectionAngle.PolarAngle
enumeration	Directional
enumeration	FieldAligned
enumeration	Fit
enumeration	Group
enumeration	Halo
enumeration	Integral
enumeration	Integral.Area
enumeration	Integral.Bandwidth
enumeration	Integral.SolidAngle
enumeration	LineOfSight
enumeration	Linear
enumeration	Magnitude
enumeration	Maximum
enumeration	Median
enumeration	Minimum
enumeration	Moment
enumeration	Parallel
enumeration	Peak
enumeration	Perpendicular
enumeration	Perturbation
enumeration	Phase
enumeration	PhaseAngle
enumeration	Projection
enumeration	Projection.IJ
enumeration	Projection.IK
enumeration	Projection.JK
enumeration	Pseudo
enumeration	Ratio
enumeration	Scalar
enumeration	Spectral
enumeration	StandardDeviation
enumeration	StokesParameters
enumeration	Strahl
enumeration	Superhalo
enumeration	Symmetric
enumeration	Tensor
enumeration	Total
enumeration	Trace
enumeration	Uncertainty
enumeration	Variance
enumeration	Vector
Source	<xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Particle / spase:ParticleQuantity

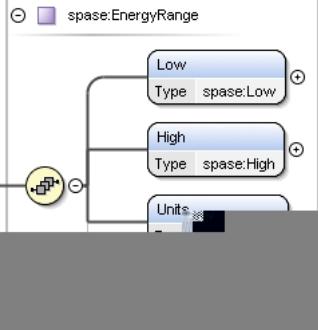
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:ParticleQuantity
Properties	content: simple minOccurs: 1 maxOccurs: 1
Facets	enumeration ArrivalDirection enumeration AtomicNumberDetected enumeration AverageChargeState enumeration ChargeState enumeration CountRate enumeration Counts enumeration Energy enumeration EnergyDensity enumeration EnergyFlux enumeration FlowSpeed enumeration FlowVelocity enumeration Fluence enumeration Gyrofrequency enumeration HeatFlux enumeration Mass enumeration MassDensity enumeration MassNumber enumeration NumberDensity enumeration NumberFlux enumeration ParticleRadius enumeration PhaseSpaceDensity enumeration PlasmaFrequency enumeration Pressure enumeration SonicMachNumber enumeration SoundSpeed enumeration Temperature enumeration ThermalSpeed enumeration Velocity
Source	<xsd:element name="ParticleQuantity" type="spase:ParticleQuantity" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Particle / spase:AtomicNumber

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:AtomicNumber
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Source	<xsd:element name="AtomicNumber" type="spase:AtomicNumber" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Particle / spase:EnergyRange

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:EnergyRange
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:Units
Instance	<pre><spase:EnergyRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0,unbounded}</spase:Bin> </spase:EnergyRange></pre>
Source	<code><xsd:element name="EnergyRange" type="spase:EnergyRange" minOccurs="0" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:EnergyRange / spase:Low

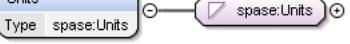
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Low
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<code><xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:EnergyRange / spase:High

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:High
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<code><xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/></code>

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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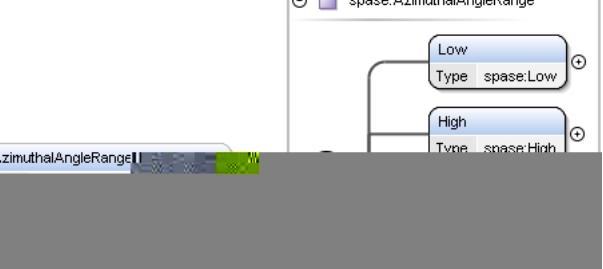
Element spase:EnergyRange / spase:Units

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Units						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:EnergyRange / spase:Bin

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Bin						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	spase:BandName{0,1} , spase:Low , spase:High						
Children	spase:BandName, spase:High, spase:Low						
Instance	<spase:Bin xmlns:spase="http://www.spase-group.org/data/schema"> <spase:BandName>{0,1}</spase:BandName> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> </spase:Bin>						
Source	<xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Particle / spase:AzimuthalAngleRange

Namespace	http://www.spase-group.org/data/schema
Diagram	

Type	spase:AzimuthalAngleRange
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:Units
Instance	<pre><spase:AzimuthalAngleRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0,unbounded}</spase:Bin> </spase:AzimuthalAngleRange></pre>
Source	<pre><xsd:element name="AzimuthalAngleRange" type="spase:AzimuthalAngleRange" minOccurs="0" maxOccurs="1" /></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AzimuthalAngleRange / spase:Low

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class Low { <<spase:Low>> } class Low { <<Type>> <<spase:Low>> } Low < -- Low </pre>
Type	spase:Low
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1" /></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AzimuthalAngleRange / spase:High

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class High { <<spase:High>> } class High { <<Type>> <<spase:High>> } High < -- High </pre>
Type	spase:High
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1" /></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:AzimuthalAngleRange / spase:Units

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class Units { <<spase:Units>> } class Units { <<Type>> <<spase:Units>> } Units < -- Units </pre>
Type	spase:Units
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<pre><xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1" /></pre>

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Element spase:AzimuthalAngleRange / spase:Bin

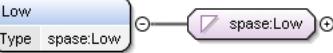
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Bin						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	spase:BandName{0,1} , spase:Low , spase:High						
Children	spase:BandName, spase:High, spase:Low						
Instance	<pre><spase:Bin xmlns:spase="http://www.spase-group.org/data/schema"> <spase:BandName>{0,1}</spase:BandName> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> </spase:Bin></pre>						
Source	<code><xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Particle / spase:PolarAngleRange

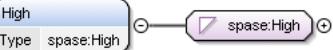
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:PolarAngleRange						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:Low , spase:High , spase:Units , spase:Bin*						
Children	spase:Bin, spase:High, spase:Low, spase:Units						
Instance	<pre><spase:PolarAngleRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0,unbounded}</spase:Bin> </spase:PolarAngleRange></pre>						
Source	<code><xsd:element name="PolarAngleRange" type="spase:PolarAngleRange" minOccurs="0" maxOccurs="1"/></code>						

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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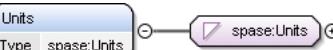
Element spase:PolarAngleRange / spase:Low

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Low
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

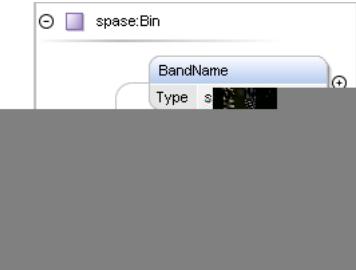
Element spase:PolarAngleRange / spase:High

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:High
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:PolarAngleRange / spase:Units

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Units
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:PolarAngleRange / spase:Bin

Namespace	http://www.spase-group.org/data/schema
Diagram	

Type	spase:Bin
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	spase:BandName{0,1} , spase:Low , spase:High
Children	spase:BandName, spase:High, spase:Low
Instance	<pre><spase:Bin xmlns:spase="http://www.spase-group.org/data/schema"> <spase:BandName>{0,1}</spase:BandName> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> </spase:Bin></pre>
Source	<xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:Wave

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Wave
Properties	content: complex
Model	spase:WaveType , spase:Qualifier* , spase:WaveQuantity , spase:EnergyRange{0,1} , spase:FrequencyRange{0,1} , spase:WavelengthRange{0,1}
Children	spase:EnergyRange, spase:FrequencyRange, spase:Qualifier, spase:WaveQuantity, spase:WaveType, spase:WavelengthRange
Instance	<pre><spase:Wave xmlns:spase="http://www.spase-group.org/data/schema"> <spase:WaveType>{1,1}</spase:WaveType> <spase:Qualifier>{0,unbounded}</spase:Qualifier> <spase:WaveQuantity>{1,1}</spase:WaveQuantity> <spase:EnergyRange>{0,1}</spase:EnergyRange> <spase:FrequencyRange>{0,1}</spase:FrequencyRange> <spase:WavelengthRange>{0,1}</spase:WavelengthRange> </spase:Wave></pre>
Source	<xsd:element name="Wave" type="spase:Wave"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Wave / spase:WaveType

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:WaveType
Properties	content: simple

	minOccurs:	1
	maxOccurs:	1
Facets	enumeration	Electromagnetic
	enumeration	Electrostatic
	enumeration	Hydrodynamic
	enumeration	MHD
	enumeration	Photon
	enumeration	PlasmaWaves
Source	<xsd:element name="WaveType" type="spase:WaveType" minOccurs="1" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Wave / spase:Qualifier

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class Qualifier { <<Type spase:Qualifier>> } Qualifier "0..1" --> "0..1" Qualifier : spase:Qualifier </pre>	
Type	spase:Qualifier	
Properties	content: simple minOccurs: 0 maxOccurs: unbounded	
Facets	enumeration Anisotropy enumeration Array enumeration Average enumeration Characteristic enumeration Circular enumeration Column enumeration Component enumeration Component.I enumeration Component.J enumeration Component.K enumeration Core enumeration CrossSpectrum enumeration Deviation enumeration Differential enumeration Direction enumeration DirectionAngle enumeration DirectionAngle.AzimuthAngle enumeration DirectionAngle.ElevationAngle enumeration DirectionAngle.PolarAngle enumeration Directional enumeration FieldAligned enumeration Fit enumeration Group enumeration Halo enumeration Integral enumeration Integral.Area enumeration Integral.Bandwidth enumeration Integral.SolidAngle enumeration LineOfSight	

enumeration	Linear
enumeration	Magnitude
enumeration	Maximum
enumeration	Median
enumeration	Minimum
enumeration	Moment
enumeration	Parallel
enumeration	Peak
enumeration	Perpendicular
enumeration	Perturbation
enumeration	Phase
enumeration	PhaseAngle
enumeration	Projection
enumeration	Projection.IJ
enumeration	Projection.IK
enumeration	Projection.JK
enumeration	Pseudo
enumeration	Ratio
enumeration	Scalar
enumeration	Spectral
enumeration	StandardDeviation
enumeration	StokesParameters
enumeration	Strahl
enumeration	Superhalo
enumeration	Symmetric
enumeration	Tensor
enumeration	Total
enumeration	Trace
enumeration	Uncertainty
enumeration	Variance
enumeration	Vector
Source	<xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Wave / spase:WaveQuantity

Namespace	http://www.spase-group.org/data/schema												
Diagram													
Type	spase:WaveQuantity												
Properties	<table border="1"> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1						
content:	simple												
minOccurs:	1												
maxOccurs:	1												
Facets	<table border="1"> <tr><td>enumeration</td><td>ACElectricField</td></tr> <tr><td>enumeration</td><td>ACMagneticField</td></tr> <tr><td>enumeration</td><td>Absorption</td></tr> <tr><td>enumeration</td><td>Albedo</td></tr> <tr><td>enumeration</td><td>DopplerFrequency</td></tr> <tr><td>enumeration</td><td>Emissivity</td></tr> </table>	enumeration	ACElectricField	enumeration	ACMagneticField	enumeration	Absorption	enumeration	Albedo	enumeration	DopplerFrequency	enumeration	Emissivity
enumeration	ACElectricField												
enumeration	ACMagneticField												
enumeration	Absorption												
enumeration	Albedo												
enumeration	DopplerFrequency												
enumeration	Emissivity												

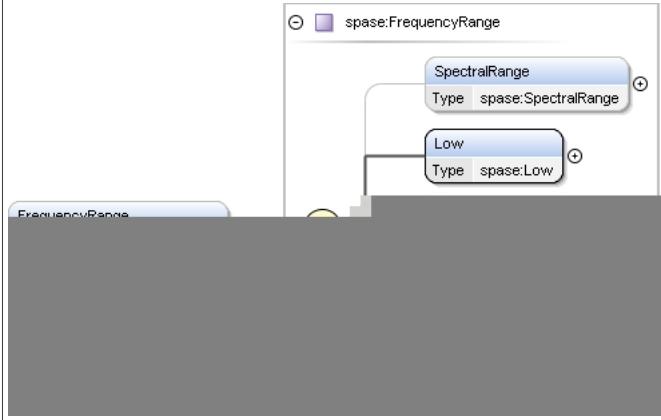
	enumeration EnergyFlux
	enumeration EquivalentWidth
	enumeration Frequency
	enumeration Gyrofrequency
	enumeration Intensity
	enumeration LineDepth
	enumeration MagneticField
	enumeration ModeAmplitude
	enumeration PlasmaFrequency
	enumeration Polarization
	enumeration PoyntingFlux
	enumeration PropagationTime
	enumeration StokesParameters
	enumeration Velocity
	enumeration Wavelength
Source	<xsd:element name="WaveQuantity" type="spase:WaveQuantity" minOccurs="1" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Wave / spase:EnergyRange

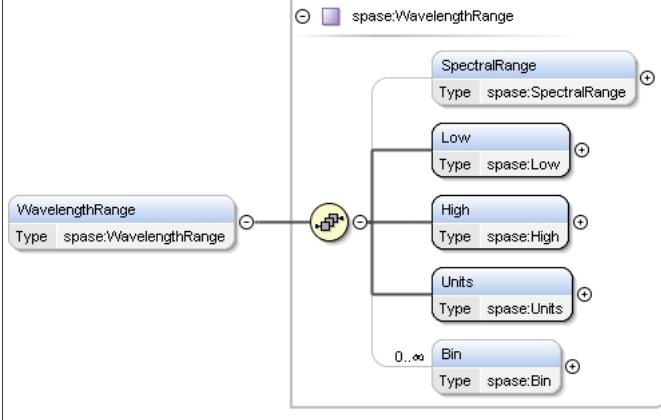
Namespace	http://www.spase-group.org/data/schema						
Diagram	A UML class diagram showing the structure of the spase:EnergyRange element. It consists of a main class 'EnergyRange' with three attributes: 'Low' (Type spase:Low), 'High' (Type spase:High), and 'Units' (Type spase:Bin*). The 'Low' and 'High' attributes are marked with a plus sign (+) indicating they are required.						
Type	spase:EnergyRange						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:Low , spase:High , spase:Units , spase:Bin*						
Children	spase:Bin, spase:High, spase:Low, spase:Units						
Instance	<pre> <spase:EnergyRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0,unbounded}</spase:Bin> </spase:EnergyRange> </pre>						
Source	<xsd:element name="EnergyRange" type="spase:EnergyRange" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Wave / spase:FrequencyRange

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:FrequencyRange
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:SpectralRange{0,1} , spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:SpectralRange, spase:Units
Instance	<pre><spase:FrequencyRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:SpectralRange>{0,1}</spase:SpectralRange> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0,unbounded}</spase:Bin> </spase:FrequencyRange></pre>
Source	<xsd:element name="FrequencyRange" type="spase:FrequencyRange" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Wave / spase:WavelengthRange

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:WavelengthRange
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	spase:SpectralRange{0,1} , spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:SpectralRange, spase:Units
Instance	<pre><spase:WavelengthRange xmlns:spase="http://www.spase-group.org/data/schema"> <spase:SpectralRange>{0,1}</spase:SpectralRange> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> <spase:Units>{1,1}</spase:Units> <spase:Bin>{0..∞}</spase:Bin> </spase:WavelengthRange></pre>

	<pre><spase:Bin>{0,unbounded}</spase:Bin> </spase:WavelengthRange></pre>
Source	<code><xsd:element name="WavelengthRange" type="spase:WavelengthRange" minOccurs="0" maxOccurs="1" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

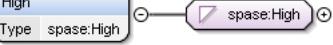
Element spase:WavelengthRange / spase:SpectralRange

Namespace	http://www.spase-group.org/data/schema																																								
Diagram	<pre> classDiagram class SpectralRange { <<Type>> } class spase:SpectralRange { <<spase:Type>> } SpectralRange < -- spase:SpectralRange </pre>																																								
Type	spase:SpectralRange																																								
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1																																		
content:	simple																																								
minOccurs:	0																																								
maxOccurs:	1																																								
Facets	<table> <tr><td>enumeration</td><td>CaK</td></tr> <tr><td>enumeration</td><td>ExtremeUltraviolet</td></tr> <tr><td>enumeration</td><td>FarUltraviolet</td></tr> <tr><td>enumeration</td><td>GammaRays</td></tr> <tr><td>enumeration</td><td>Halpha</td></tr> <tr><td>enumeration</td><td>HardXrays</td></tr> <tr><td>enumeration</td><td>He10830</td></tr> <tr><td>enumeration</td><td>He304</td></tr> <tr><td>enumeration</td><td>Infrared</td></tr> <tr><td>enumeration</td><td>K7699</td></tr> <tr><td>enumeration</td><td>LBHBand</td></tr> <tr><td>enumeration</td><td>Microwave</td></tr> <tr><td>enumeration</td><td>NaD</td></tr> <tr><td>enumeration</td><td>Ni6768</td></tr> <tr><td>enumeration</td><td>Optical</td></tr> <tr><td>enumeration</td><td>RadioFrequency</td></tr> <tr><td>enumeration</td><td>SoftXRays</td></tr> <tr><td>enumeration</td><td>Ultraviolet</td></tr> <tr><td>enumeration</td><td>WhiteLight</td></tr> <tr><td>enumeration</td><td>XRays</td></tr> </table>	enumeration	CaK	enumeration	ExtremeUltraviolet	enumeration	FarUltraviolet	enumeration	GammaRays	enumeration	Halpha	enumeration	HardXrays	enumeration	He10830	enumeration	He304	enumeration	Infrared	enumeration	K7699	enumeration	LBHBand	enumeration	Microwave	enumeration	NaD	enumeration	Ni6768	enumeration	Optical	enumeration	RadioFrequency	enumeration	SoftXRays	enumeration	Ultraviolet	enumeration	WhiteLight	enumeration	XRays
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enumeration	RadioFrequency																																								
enumeration	SoftXRays																																								
enumeration	Ultraviolet																																								
enumeration	WhiteLight																																								
enumeration	XRays																																								
Source	<code><xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="1" /></code>																																								
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd																																								

Element spase:WavelengthRange / spase:Low

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Low { <<Type>> } class spase:Low { <<spase:Type>> } Low < -- spase:Low </pre>						
Type	spase:Low						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1" /></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

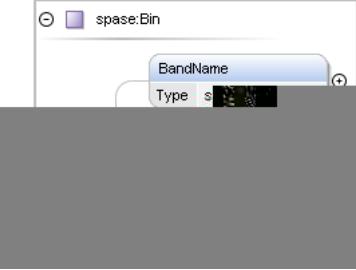
Element spase:WavelengthRange / spase:High

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:High
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:WavelengthRange / spase:Units

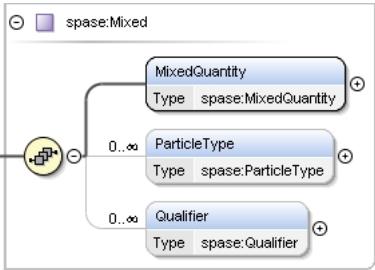
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Units
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:WavelengthRange / spase:Bin

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Bin
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	spase:BandName{0,1} , spase:Low , spase:High
Children	spase:BandName, spase:High, spase:Low
Instance	<pre><spase:Bin xmlns:spase="http://www.spase-group.org/data/schema"> <spase:BandName>{0,1}</spase:BandName> <spase:Low>{1,1}</spase:Low> <spase:High>{1,1}</spase:High> </spase:Bin></pre>
Source	<xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:Mixed

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Mixed
Properties	content: complex
Model	spase:MixedQuantity , spase:ParticleType* , spase:Qualifier*
Children	spase:MixedQuantity, spase:ParticleType, spase:Qualifier
Instance	<pre><spase:Mixed xmlns:spase="http://www.spase-group.org/data/schema"> <spase:MixedQuantity{1,1}></spase:MixedQuantity> <spase:ParticleType{0,unbounded}></spase:ParticleType> <spase:Qualifier{0,unbounded}></spase:Qualifier> </spase:Mixed></pre>
Source	<code><xsd:element name="Mixed" type="spase:Mixed"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Mixed / spase:MixedQuantity

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:MixedQuantity
Properties	content: simple minOccurs: 1 maxOccurs: 1
Facets	enumeration AkasofuEpsilon enumeration AlfvénMachNumber enumeration AlfvénVelocity enumeration FrequencyToGyrofrequencyRatio enumeration MagnetosonicMachNumber enumeration Other enumeration PlasmaBeta enumeration TotalPressure enumeration VCrossB
Source	<code><xsd:element name="MixedQuantity" type="spase:MixedQuantity" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Mixed / spase:ParticleType

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ParticleType
Properties	content: simple minOccurs: 0 maxOccurs: unbounded
Facets	enumeration Aerosol

	enumeration	AlphaParticle
	enumeration	Atom
	enumeration	Dust
	enumeration	Electron
	enumeration	Ion
	enumeration	Molecule
	enumeration	Neutron
	enumeration	Proton
Source	<xsd:element name="ParticleType" type="spase:ParticleType" minOccurs="0" maxOccurs="unbounded" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Mixed / spase:Qualifier

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class Qualifier { <<Type spase:Qualifier>> } Qualifier "0..1" --> "0..1" Qualifier : spase:Qualifier </pre>	
Type	spase:Qualifier	
Properties	content: simple minOccurs: 0 maxOccurs: unbounded	
Facets	enumeration Anisotropy enumeration Array enumeration Average enumeration Characteristic enumeration Circular enumeration Column enumeration Component enumeration Component.I enumeration Component.J enumeration Component.K enumeration Core enumeration CrossSpectrum enumeration Deviation enumeration Differential enumeration Direction enumeration DirectionAngle enumeration DirectionAngle.AzimuthAngle enumeration DirectionAngle.ElevationAngle enumeration DirectionAngle.PolarAngle enumeration Directional enumeration FieldAligned enumeration Fit enumeration Group enumeration Halo enumeration Integral enumeration Integral.Area enumeration Integral.Bandwidth enumeration Integral.SolidAngle enumeration LineOfSight	

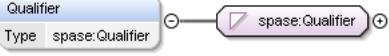
enumeration	Linear
enumeration	Magnitude
enumeration	Maximum
enumeration	Median
enumeration	Minimum
enumeration	Moment
enumeration	Parallel
enumeration	Peak
enumeration	Perpendicular
enumeration	Perturbation
enumeration	Phase
enumeration	PhaseAngle
enumeration	Projection
enumeration	Projection.IJ
enumeration	Projection.IK
enumeration	Projection.JK
enumeration	Pseudo
enumeration	Ratio
enumeration	Scalar
enumeration	Spectral
enumeration	StandardDeviation
enumeration	StokesParameters
enumeration	Strahl
enumeration	Superhalo
enumeration	Symmetric
enumeration	Tensor
enumeration	Total
enumeration	Trace
enumeration	Uncertainty
enumeration	Variance
enumeration	Vector
Source	<xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Parameter / spase:Support

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class Support { <<spase:Support>> } class Qualifier { <<spase:Qualifier>> } class SupportQuantity { <<spase:SupportQuantity>> } Support "0..*" -- "*" Qualifier : Qualifiers Support --> Qualifiers </pre>
Type	spase:Support
Properties	content: complex
Model	spase:Qualifier*, spase:SupportQuantity
Children	spase:Qualifier, spase:SupportQuantity
Instance	<pre> <spase:Support xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Qualifier>{0,unbounded}</spase:Qualifier> <spase:SupportQuantity>{1,1}</spase:SupportQuantity> </spase:Support> </pre>

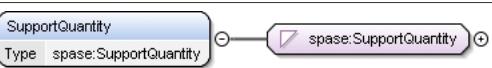
Source	<code><xsd:element name="Support" type="spase:Support" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Support / spase:Qualifier

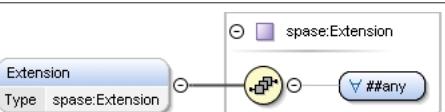
Namespace	http://www.spase-group.org/data/schema																																																																										
Diagram	 A UML class diagram fragment showing a class named "Qualifier" with a compartment labeled "Type" containing "spase:Qualifier". A directed association line connects "Qualifier" to "spase:Qualifier".																																																																										
Type	spase:Qualifier																																																																										
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded																																																																				
content:	simple																																																																										
minOccurs:	0																																																																										
maxOccurs:	unbounded																																																																										
Facets	<table border="1"> <tr><td>enumeration</td><td>Anisotropy</td></tr> <tr><td>enumeration</td><td>Array</td></tr> <tr><td>enumeration</td><td>Average</td></tr> <tr><td>enumeration</td><td>Characteristic</td></tr> <tr><td>enumeration</td><td>Circular</td></tr> <tr><td>enumeration</td><td>Column</td></tr> <tr><td>enumeration</td><td>Component</td></tr> <tr><td>enumeration</td><td>Component.I</td></tr> <tr><td>enumeration</td><td>Component.J</td></tr> <tr><td>enumeration</td><td>Component.K</td></tr> <tr><td>enumeration</td><td>Core</td></tr> <tr><td>enumeration</td><td>CrossSpectrum</td></tr> <tr><td>enumeration</td><td>Deviation</td></tr> <tr><td>enumeration</td><td>Differential</td></tr> <tr><td>enumeration</td><td>Direction</td></tr> <tr><td>enumeration</td><td>DirectionAngle</td></tr> <tr><td>enumeration</td><td>DirectionAngle.AzimuthAngle</td></tr> <tr><td>enumeration</td><td>DirectionAngle.ElevationAngle</td></tr> <tr><td>enumeration</td><td>DirectionAngle.PolarAngle</td></tr> <tr><td>enumeration</td><td>Directional</td></tr> <tr><td>enumeration</td><td>FieldAligned</td></tr> <tr><td>enumeration</td><td>Fit</td></tr> <tr><td>enumeration</td><td>Group</td></tr> <tr><td>enumeration</td><td>Halo</td></tr> <tr><td>enumeration</td><td>Integral</td></tr> <tr><td>enumeration</td><td>Integral.Area</td></tr> <tr><td>enumeration</td><td>Integral.Bandwidth</td></tr> <tr><td>enumeration</td><td>Integral.SolidAngle</td></tr> <tr><td>enumeration</td><td>LineOfSight</td></tr> <tr><td>enumeration</td><td>Linear</td></tr> <tr><td>enumeration</td><td>Magnitude</td></tr> <tr><td>enumeration</td><td>Maximum</td></tr> <tr><td>enumeration</td><td>Median</td></tr> <tr><td>enumeration</td><td>Minimum</td></tr> <tr><td>enumeration</td><td>Moment</td></tr> <tr><td>enumeration</td><td>Parallel</td></tr> <tr><td>enumeration</td><td>Peak</td></tr> </table>	enumeration	Anisotropy	enumeration	Array	enumeration	Average	enumeration	Characteristic	enumeration	Circular	enumeration	Column	enumeration	Component	enumeration	Component.I	enumeration	Component.J	enumeration	Component.K	enumeration	Core	enumeration	CrossSpectrum	enumeration	Deviation	enumeration	Differential	enumeration	Direction	enumeration	DirectionAngle	enumeration	DirectionAngle.AzimuthAngle	enumeration	DirectionAngle.ElevationAngle	enumeration	DirectionAngle.PolarAngle	enumeration	Directional	enumeration	FieldAligned	enumeration	Fit	enumeration	Group	enumeration	Halo	enumeration	Integral	enumeration	Integral.Area	enumeration	Integral.Bandwidth	enumeration	Integral.SolidAngle	enumeration	LineOfSight	enumeration	Linear	enumeration	Magnitude	enumeration	Maximum	enumeration	Median	enumeration	Minimum	enumeration	Moment	enumeration	Parallel	enumeration	Peak
enumeration	Anisotropy																																																																										
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enumeration	Integral.SolidAngle																																																																										
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enumeration	Moment																																																																										
enumeration	Parallel																																																																										
enumeration	Peak																																																																										

enumeration	Perpendicular
enumeration	Perturbation
enumeration	Phase
enumeration	PhaseAngle
enumeration	Projection
enumeration	Projection.IJ
enumeration	Projection.IK
enumeration	Projection.JK
enumeration	Pseudo
enumeration	Ratio
enumeration	Scalar
enumeration	Spectral
enumeration	StandardDeviation
enumeration	StokesParameters
enumeration	Strahl
enumeration	Superhalo
enumeration	Symmetric
enumeration	Tensor
enumeration	Total
enumeration	Trace
enumeration	Uncertainty
enumeration	Variance
enumeration	Vector
Source	<xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Support / spase:SupportQuantity

Namespace	http://www.spase-group.org/data/schema										
Diagram											
Type	spase:SupportQuantity										
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1				
content:	simple										
minOccurs:	1										
maxOccurs:	1										
Facets	<table> <tr><td>enumeration</td><td>InstrumentMode</td></tr> <tr><td>enumeration</td><td>Other</td></tr> <tr><td>enumeration</td><td>Positional</td></tr> <tr><td>enumeration</td><td>Temporal</td></tr> <tr><td>enumeration</td><td>Velocity</td></tr> </table>	enumeration	InstrumentMode	enumeration	Other	enumeration	Positional	enumeration	Temporal	enumeration	Velocity
enumeration	InstrumentMode										
enumeration	Other										
enumeration	Positional										
enumeration	Temporal										
enumeration	Velocity										
Source	<xsd:element name="SupportQuantity" type="spase:SupportQuantity" minOccurs="1" maxOccurs="1" />										
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd										

Element spase:Catalog / spase:Extension

Namespace	http://www.spase-group.org/data/schema
Diagram	

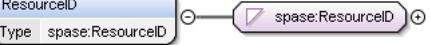
Type	spase:Extension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Spase / spase:DisplayData

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class spase:DisplayData { ResourceID ResourceHeader AccessInformation ProcessingLevel ProviderResourceName ProviderProcessingLevel ProviderVersion InstrumentID MeasurementType TemporalDescription SpectralRange DisplayCadence ObservedRegion Caveats Keyword InputResourceId Parameter Extension } spase:DisplayData "0..>" *-- "0..>" spase:DisplayData </pre>
Type	spase:DisplayData
Properties	content: complex

Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:ProcessingLevel{0,1} , spase:ProviderResourceName{0,1} , spase:ProviderProcessingLevel{0,1} , spase:ProviderVersion{0,1} , spase:InstrumentID* , spase:MeasurementType+ , spase:TemporalDescription{0,1} , spase:SpectralRange* , spase:DisplayCadence{0,1} , spase:ObservedRegion* , spase:Caveats{0,1} , spase:Keyword* , spase:InputResourceID* , spase:Parameter* , spase:Extension*
Children	spase:AccessInformation, spase:Caveats, spase:DisplayCadence, spase:Extension, spase:InputResourceID, spase:InstrumentID, spase:Keyword, spase:MeasurementType, spase:ObservedRegion, spase:Parameter, spase:ProcessingLevel, spase:ProviderProcessingLevel, spase:ProviderResourceName, spase:ProviderVersion, spase:ResourceHeader, spase:ResourceID, spase:SpectralRange, spase:TemporalDescription
Instance	<pre><spase:DisplayData xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:AccessInformation>{1,unbounded}</spase:AccessInformation> <spase:ProcessingLevel>{0,1}</spase:ProcessingLevel> <spase:ProviderResourceName>{0,1}</spase:ProviderResourceName> <spase:ProviderProcessingLevel>{0,1}</spase:ProviderProcessingLevel> <spase:ProviderVersion>{0,1}</spase:ProviderVersion> <spase:InstrumentID>{0,unbounded}</spase:InstrumentID> <spase:MeasurementType>{1,unbounded}</spase:MeasurementType> <spase:TemporalDescription>{0,1}</spase:TemporalDescription> <spase:SpectralRange>{0,unbounded}</spase:SpectralRange> <spase:DisplayCadence>{0,1}</spase:DisplayCadence> <spase:ObservedRegion>{0,unbounded}</spase:ObservedRegion> <spase:Caveats>{0,1}</spase:Caveats> <spase:Keyword>{0,unbounded}</spase:Keyword> <spase:InputResourceID>{0,unbounded}</spase:InputResourceID> <spase:Parameter>{0,unbounded}</spase:Parameter> <spase:Extension>{0,unbounded}</spase:Extension> </spase:DisplayData></pre>
Source	<code><xsd:element name="DisplayData" type="spase:DisplayData" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ResourceID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1" /></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DisplayData / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
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Diagram							
Type	spase:ResourceHeader						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase>Description , spase:Acknowledgement{0,1} , spase>Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*						
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName						
Instance	<pre> <spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase>Description>{1,1}</spase>Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase>Contact>{1,unbounded}</spase>Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader> </pre>						
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DisplayData / spase:AccessInformation

Namespace	http://www.spase-group.org/data/schema
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Diagram	<pre> classDiagram class spase:AccessInformation { RepositoryID Availability AccessRights Format Encoding DataExtent } class AccessInformation { <> RepositoryID <> Availability <> AccessRights <> Format <> Encoding <> DataExtent } spase:AccessInformation "1..*" --> "1..*" AccessInformation </pre>						
Type	spase:AccessInformation						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	spase:RepositoryID , spase:Availability{0,1} , spase:AccessRights{0,1} , spase:AccessURL+ , spase:Format , spase:Encoding{0,1} , spase:DataExtent{0,1} , spase:Acknowledgement{0,1}						
Children	spase:AccessRights, spase:AccessURL, spase:Acknowledgement, spase:Availability, spase:DataExtent, spase:Encoding, spase:Format, spase:RepositoryID						
Instance	<pre> <spase:AccessInformation xmlns:spase="http://www.spase-group.org/data/schema"> <spase:RepositoryID>{1,1}</spase:RepositoryID> <spase:Availability>{0,1}</spase:Availability> <spase:AccessRights>{0,1}</spase:AccessRights> <spase:AccessURL>{1,unbounded}</spase:AccessURL> <spase:Format>{1,1}</spase:Format> <spase:Encoding>{0,1}</spase:Encoding> <spase:DataExtent>{0,1}</spase:DataExtent> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> </spase:AccessInformation> </pre>						
Source	<pre> <xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded" /> </pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DisplayData / spase:ProcessingLevel

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ProcessingLevel { <> ProcessingLevel } class spase:ProcessingLevel { <> ProcessingLevel } ProcessingLevel --> "1..*" spase:ProcessingLevel </pre>						
Type	spase:ProcessingLevel						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">enumeration</td><td style="padding: 2px;">Calibrated</td></tr> <tr> <td style="padding: 2px;">enumeration</td><td style="padding: 2px;">Raw</td></tr> <tr> <td style="padding: 2px;">enumeration</td><td style="padding: 2px;">Uncalibrated</td></tr> </table>	enumeration	Calibrated	enumeration	Raw	enumeration	Uncalibrated
enumeration	Calibrated						
enumeration	Raw						
enumeration	Uncalibrated						
Source	<pre> <xsd:element name="ProcessingLevel" type="spase:ProcessingLevel" minOccurs="0" maxOccurs="1" /> </pre>						

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Element spase:DisplayData / spase:ProviderResourceName

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ProviderResourceName						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="ProviderResourceName" type="spase:ProviderResourceName" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DisplayData / spase:ProviderProcessingLevel

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ProviderProcessingLevel						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="ProviderProcessingLevel" type="spase:ProviderProcessingLevel" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DisplayData / spase:ProviderVersion

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ProviderVersion						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="ProviderVersion" type="spase:ProviderVersion" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:DisplayData / spase:InstrumentID

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:InstrumentID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="InstrumentID" type="spase:InstrumentID" minOccurs="0" maxOccurs="unbounded" />						

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Element spase:DisplayData / spase:MeasurementType

Namespace	http://www.spase-group.org/data/schema																																										
Diagram	A UML class diagram fragment. On the left, a blue-bordered box contains the class 'MeasurementType' with the stereotype 'Type' below it. A line with a hollow circle at the start connects to another blue-bordered box on the right labeled 'spase:MeasurementType' with the stereotype 'Type' below it. A plus sign is at the end of the line.																																										
Type	spase:MeasurementType																																										
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	unbounded																																				
content:	simple																																										
minOccurs:	1																																										
maxOccurs:	unbounded																																										
Facets	<table border="1"> <tr><td>enumeration</td><td>ActivityIndex</td></tr> <tr><td>enumeration</td><td>Dopplergram</td></tr> <tr><td>enumeration</td><td>Dust</td></tr> <tr><td>enumeration</td><td>ElectricField</td></tr> <tr><td>enumeration</td><td>EnergeticParticles</td></tr> <tr><td>enumeration</td><td>Ephemeris</td></tr> <tr><td>enumeration</td><td>ImageIntensity</td></tr> <tr><td>enumeration</td><td>InstrumentStatus</td></tr> <tr><td>enumeration</td><td>IonComposition</td></tr> <tr><td>enumeration</td><td>Irradiance</td></tr> <tr><td>enumeration</td><td>MagneticField</td></tr> <tr><td>enumeration</td><td>Magnetogram</td></tr> <tr><td>enumeration</td><td>NeutralAtomImages</td></tr> <tr><td>enumeration</td><td>NeutralGas</td></tr> <tr><td>enumeration</td><td>Profile</td></tr> <tr><td>enumeration</td><td>Radiance</td></tr> <tr><td>enumeration</td><td>Spectrum</td></tr> <tr><td>enumeration</td><td>ThermalPlasma</td></tr> <tr><td>enumeration</td><td>Waves</td></tr> <tr><td>enumeration</td><td>Waves.Active</td></tr> <tr><td>enumeration</td><td>Waves.Passive</td></tr> </table>	enumeration	ActivityIndex	enumeration	Dopplergram	enumeration	Dust	enumeration	ElectricField	enumeration	EnergeticParticles	enumeration	Ephemeris	enumeration	ImageIntensity	enumeration	InstrumentStatus	enumeration	IonComposition	enumeration	Irradiance	enumeration	MagneticField	enumeration	Magnetogram	enumeration	NeutralAtomImages	enumeration	NeutralGas	enumeration	Profile	enumeration	Radiance	enumeration	Spectrum	enumeration	ThermalPlasma	enumeration	Waves	enumeration	Waves.Active	enumeration	Waves.Passive
enumeration	ActivityIndex																																										
enumeration	Dopplergram																																										
enumeration	Dust																																										
enumeration	ElectricField																																										
enumeration	EnergeticParticles																																										
enumeration	Ephemeris																																										
enumeration	ImageIntensity																																										
enumeration	InstrumentStatus																																										
enumeration	IonComposition																																										
enumeration	Irradiance																																										
enumeration	MagneticField																																										
enumeration	Magnetogram																																										
enumeration	NeutralAtomImages																																										
enumeration	NeutralGas																																										
enumeration	Profile																																										
enumeration	Radiance																																										
enumeration	Spectrum																																										
enumeration	ThermalPlasma																																										
enumeration	Waves																																										
enumeration	Waves.Active																																										
enumeration	Waves.Passive																																										
Source	<pre><xsd:element name="MeasurementType" type="spase:MeasurementType" minOccurs="1" maxOccurs="unbounded" /></pre>																																										
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd																																										

Element spase:DisplayData / spase:TemporalDescription

Namespace	http://www.spase-group.org/data/schema				
Diagram	A UML class diagram fragment. On the left, a blue-bordered box contains the class 'TemporalDescription' with the stereotype 'Type' below it. A line with a hollow circle at the start connects to another blue-bordered box on the right labeled 'spase:TemporalDescription' with the stereotype 'Type' below it. A plus sign is at the end of the line. From the 'spase:TemporalDescription' box, three lines branch out to three separate blue-bordered boxes: 'TimeSpan' (stereotype 'Type'), 'Cadence' (stereotype 'Type'), and 'Exposure' (stereotype 'Type'). Each of these three boxes has a plus sign at its end.				
Type	spase:TemporalDescription				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	1
Model	spase:TimeSpan , spase:Cadence{0,1} , spase:Exposure{0,1}	
Children	spase:Cadence, spase:Exposure, spase:TimeSpan	
Instance	<spase:TemporalDescription xmlns:spase="http://www.spase-group.org/data/schema"> <spase:TimeSpan>{1,1}</spase:TimeSpan> <spase:Cadence>{0,1}</spase:Cadence> <spase:Exposure>{0,1}</spase:Exposure> </spase:TemporalDescription>	
Source	<xsd:element name="TemporalDescription" type="spase:TemporalDescription" minOccurs="0" maxOccurs="1" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:TemporalDescription / spase:TimeSpan

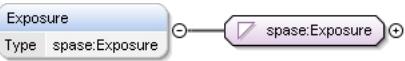
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:TimeSpan						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:StartDate , (spase:StopDate spase:RelativeStopDate) , spase:Note*						
Children	spase:Note, spase:RelativeStopDate, spase:StartDate, spase:StopDate						
Instance	<spase:TimeSpan xmlns:spase="http://www.spase-group.org/data/schema"> <spase:StartDate>{1,1}</spase:StartDate> <spase:StopDate>{1,1}</spase:StopDate> <spase:RelativeStopDate>{1,1}</spase:RelativeStopDate> <spase:Note>{0,unbounded}</spase:Note> </spase:TimeSpan>						
Source	<xsd:element name="TimeSpan" type="spase:TimeSpan" minOccurs="1" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:TemporalDescription / spase:Cadence

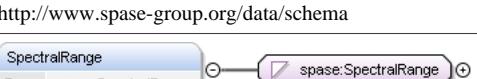
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Cadence						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Cadence" type="spase:Cadence" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:TemporalDescription / spase:Exposure

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Exposure
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Exposure" type="spase:Exposure" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:SpectralRange

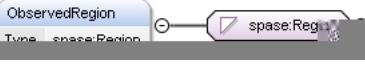
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:SpectralRange
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Facets	enumeration CaK enumeration ExtremeUltraviolet enumeration FarUltraviolet enumeration GammaRays enumeration Halpha enumeration HardXrays enumeration He10830 enumeration He304 enumeration Infrared enumeration K7699 enumeration LBHBand enumeration Microwave enumeration NaD enumeration Ni6768 enumeration Optical enumeration RadioFrequency enumeration SoftXRays enumeration Ultraviolet enumeration WhiteLight enumeration XRays
Source	<xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:DisplayCadence

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:DisplayCadence
Properties	<p>content: simple</p> <p>minOccurs: 0</p>

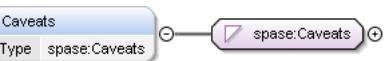
	maxOccurs:	1
Source	<xsd:element name="DisplayCadence" type="spase:DisplayCadence" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:DisplayData / spase:ObservedRegion

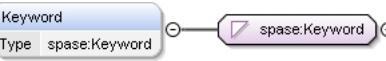
Namespace	http://www.spase-group.org/data/schema	
Diagram	 <pre> classDiagram class ObservedRegion class spaseRegion { <<spase:Region>> } ObservedRegion < -- spaseRegion </pre>	
Type	spase:Region	
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>	
Facets	<p>enumeration Asteroid</p> <p>enumeration Comet</p> <p>enumeration Earth</p> <p>enumeration Earth.Magnetosheath</p> <p>enumeration Earth.Magnetosphere</p> <p>enumeration Earth.Magnetosphere.Magnetotail</p> <p>enumeration Earth.Magnetosphere.Main</p> <p>enumeration Earth.Magnetosphere.Polar</p> <p>enumeration Earth.Magnetosphere.RadiationBelt</p> <p>enumeration Earth.Moon</p> <p>enumeration Earth.NearSurface</p> <p>enumeration Earth.NearSurface.Atmosphere</p> <p>enumeration Earth.NearSurface.AuroralRegion</p> <p>enumeration Earth.NearSurface.EquatorialRegion</p> <p>enumeration Earth.NearSurface.Ionosphere</p> <p>enumeration Earth.NearSurface.Ionosphere.DRegion</p> <p>enumeration Earth.NearSurface.Ionosphere.ERegion</p> <p>enumeration Earth.NearSurface.Ionosphere.FRegion</p> <p>enumeration Earth.NearSurface.Ionosphere.Topside</p> <p>enumeration Earth.NearSurface.Mesosphere</p> <p>enumeration Earth.NearSurface.Plasmasphere</p> <p>enumeration Earth.NearSurface.PolarCap</p> <p>enumeration Earth.NearSurface.SouthAtlanticAnomalyRegion</p> <p>enumeration Earth.NearSurface.Stratosphere</p> <p>enumeration Earth.NearSurface.Thermosphere</p> <p>enumeration Earth.NearSurface.Troposphere</p> <p>enumeration Earth.Surface</p> <p>enumeration Heliosphere</p> <p>enumeration Heliosphere.Heliosheath</p> <p>enumeration Heliosphere.Inner</p> <p>enumeration Heliosphere.NearEarth</p> <p>enumeration Heliosphere.Outer</p> <p>enumeration Heliosphere.RemoteIAU</p> <p>enumeration Interstellar</p> <p>enumeration Jupiter</p> <p>enumeration Mars</p>	

	enumeration	Mercury
	enumeration	Neptune
	enumeration	Pluto
	enumeration	Saturn
	enumeration	Sun
	enumeration	Sun.Chromosphere
	enumeration	Sun.Corona
	enumeration	Sun.Interior
	enumeration	Sun.Photosphere
	enumeration	Sun.TransitionRegion
	enumeration	Uranus
	enumeration	Venus
Source	<xsd:element name="ObservedRegion" type="spase:Region" minOccurs="0" maxOccurs="unbounded" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

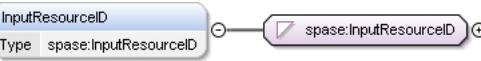
Element spase:DisplayData / spase:Caveats

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Caveats
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:Keyword

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Keyword
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:InputResourceID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:InputResourceID
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded" />

Schema
location

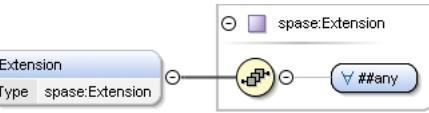
file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:Parameter

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Parameter { Name Set ParameterKey Description Caveats Cadence Units UnitsConversion CoordinateSystem RenderingHints Structure ValidMin ValidMax FillValue Field Particle Wave Mixed Support } Parameter < -- spase:Parameter Parameter < -- spase:DisplayData </pre> <p>The diagram shows the UML class <code>Parameter</code> with the following attributes:</p> <ul style="list-style-type: none"> <code>Name</code>: Type <code>spase:Name</code> <code>Set</code>: Type <code>spase:Set</code> (multiplicity 0..∞) <code>ParameterKey</code>: Type <code>spase:ParameterKey</code> <code>Description</code>: Type <code>spase:Description</code> <code>Caveats</code>: Type <code>spase:Caveats</code> <code>Cadence</code>: Type <code>spase:Cadence</code> <code>Units</code>: Type <code>spase:Units</code> <code>UnitsConversion</code>: Type <code>spase:UnitsConversion</code> <code>CoordinateSystem</code>: Type <code>spase:CoordinateSystem</code> <code>RenderingHints</code>: Type <code>spase:RenderingHints</code> (multiplicity 0..∞) <code>Structure</code>: Type <code>spase:Structure</code> <code>ValidMin</code>: Type <code>spase:ValidMin</code> <code>ValidMax</code>: Type <code>spase:ValidMax</code> <code>FillValue</code>: Type <code>spase:FillValue</code> <code>Field</code>: Type <code>spase:Field</code> <code>Particle</code>: Type <code>spase:Particle</code> <code>Wave</code>: Type <code>spase:Wave</code> <code>Mixed</code>: Type <code>spase:Mixed</code> <code>Support</code>: Type <code>spase:Support</code> <p>Relationships:</p> <ul style="list-style-type: none"> <code>Parameter</code> has a generalization relationship to <code>spase:Parameter</code>. <code>Parameter</code> has a generalization relationship to <code>spase:DisplayData</code>. 						
Type	<code>spase:Parameter</code>						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	<code>spase:Name</code> , <code>spase:Set*</code> , <code>spase:ParameterKey{0,1}</code> , <code>spase:Description{0,1}</code> , <code>spase:Caveats{0,1}</code> , <code>spase:Cadence{0,1}</code> , <code>spase:Units{0,1}</code> , <code>spase:UnitsConversion{0,1}</code> , <code>spase:CoordinateSystem{0,1}</code> , <code>spase:RenderingHints*</code> , <code>spase:Structure{0,1}</code>						

	, spase:ValidMin{0,1} , spase:ValidMax{0,1} , spase:FieldValue{0,1} , (spase:Field spase:Particle spase:Wave spase:Mixed spase:Support)
Children	spase:Cadence, spase:Caveats, spase:CoordinateSystem, spase:Description, spase:Field, spase:FieldValue, spase:Mixed, spase:Name, spase:ParameterKey, spase:Particle, spase:RenderingHints, spase:Set, spase:Structure, spase:Support, spase:Units, spase:UnitsConversion, spase:ValidMax, spase:ValidMin, spase:Wave
Instance	<spase:Parameter xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{1,1}</spase:Name> <spase:Set>{0,unbounded}</spase:Set> <spase:ParameterKey>{0,1}</spase:ParameterKey> <spase:Description>{0,1}</spase:Description> <spase:Caveats>{0,1}</spase:Caveats> <spase:Cadence>{0,1}</spase:Cadence> <spase:Units>{0,1}</spase:Units> <spase:UnitsConversion>{0,1}</spase:UnitsConversion> <spase:CoordinateSystem>{0,1}</spase:CoordinateSystem> <spase:RenderingHints>{0,unbounded}</spase:RenderingHints> <spase:Structure>{0,1}</spase:Structure> <spase:ValidMin>{0,1}</spase:ValidMin> <spase:ValidMax>{0,1}</spase:ValidMax> <spase:FieldValue>{0,1}</spase:FieldValue> <spase:Field>{1,1}</spase:Field> <spase:Particle>{1,1}</spase:Particle> <spase:Wave>{1,1}</spase:Wave> <spase:Mixed>{1,1}</spase:Mixed> <spase:Support>{1,1}</spase:Support> </spase:Parameter>
Source	<xsd:element name="Parameter" type="spase:Parameter" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:DisplayData / spase:Extension

Namespace	http://www.spase-group.org/data/schema						
Diagram	 A UML class diagram fragment. On the left, there is a rounded rectangle labeled "Extension" with a small "Type" label below it. To its right is another rounded rectangle labeled "spase:Extension". A line connects the "Extension" box to the "spase:Extension" box. Above these two boxes is a third rounded rectangle labeled "spase:Extension" with a small square icon to its left. This top box has three outgoing lines: one to the left, one to the right, and one down to a fourth rounded rectangle labeled "#any".						
Type	spase:Extension						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	ANY element from ANY namespace						
Source	<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Spase / spase:NumericalData

Namespace	http://www.spase-group.org/data/schema
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Diagram



Type	spase:NumericalData
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Properties	content: complex
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Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:ProcessingLevel{0,1} , spase:ProviderResourceName{0,1} , spase:ProviderProcessingLevel{0,1} , spase:ProviderVersion{0,1} , spase:InstrumentID* , spase:MeasurementType+ , spase:TemporalDescription{0,1} , spase:SpectralRange* , spase:ObservedRegion* , spase:Caveats{0,1} , spase:Keyword* , spase:InputResourceID* , spase:Parameter* , spase:Extension*
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Children	spase:AccessInformation, spase:Caveats, spase:Extension, spase:InputResourceID, spase:InstrumentID, spase:Keyword, spase:MeasurementType, spase:ObservedRegion, spase:Parameter, spase:ProcessingLevel, spase:ProviderProcessingLevel, spase:ProviderResourceName, spase:ProviderVersion, spase:ResourceHeader, spase:ResourceID, spase:SpectralRange, spase:TemporalDescription
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Instance	<pre> <spase:NumericalData xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1..1}</spase:ResourceID> <spase:ResourceHeader>{1..1}</spase:ResourceHeader> <spase:AccessInformation>{1..unbounded}</spase:AccessInformation> <spase:ProcessingLevel>{0..1}</spase:ProcessingLevel> <spase:ProviderResourceName>{0..1}</spase:ProviderResourceName> <spase:ProviderProcessingLevel>{0..1}</spase:ProviderProcessingLevel> <spase:ProviderVersion>{0..1}</spase:ProviderVersion> <spase:InstrumentID>{0..unbounded}</spase:InstrumentID> <spase:MeasurementType>{1..unbounded}</spase:MeasurementType> </pre>
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	<pre> <spase:TemporalDescription>{0,1}</spase:TemporalDescription> <spase:SpectralRange>{0,unbounded}</spase:SpectralRange> <spase:ObservedRegion>{0,unbounded}</spase:ObservedRegion> <spase:Caveats>{0,1}</spase:Caveats> <spase:Keyword>{0,unbounded}</spase:Keyword> <spase:InputResourceID>{0,unbounded}</spase:InputResourceID> <spase:Parameter>{0,unbounded}</spase:Parameter> <spase:Extension>{0,unbounded}</spase:Extension> </spase:NumericalData> </pre>
Source	<xsd:element name="NumericalData" type="spase:NumericalData"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:NumericalData / spase:ResourceID

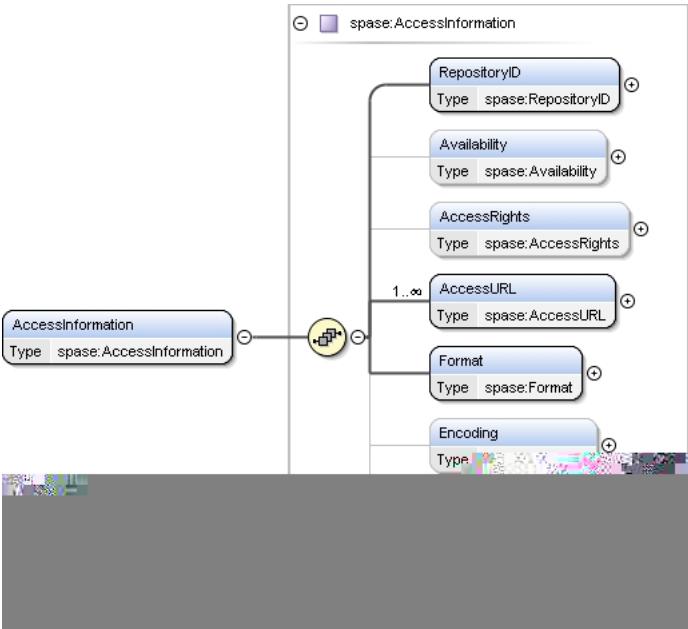
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ResourceID { Type spase:ResourceID } class spase:ResourceID ResourceID "1" -- "1" spase:ResourceID </pre>						
Type	spase:ResourceID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ResourceHeader { Type spase:ResourceHeader } class spase:ResourceHeader class resourceName { Type spase:ResourceName } class alternateName { Type spase:AlternateName } class releaseDate { Type spase:ReleaseDate } class expirationDate { Type spase:ExpirationDate } class description { Type spase:Description } class acknowledgement { Type spase:Acknowledgement } class contact { Type spase:Contact } class informationURL { Type spase:InformationURL } class association { Type spase:Association } class priorID { Type spase:Prior } ResourceHeader "1" -- "1" resourceName ResourceHeader "1" -- "1" alternateName ResourceHeader "1" -- "1" releaseDate ResourceHeader "1" -- "1" expirationDate ResourceHeader "1" -- "1" description ResourceHeader "1" -- "1" acknowledgement ResourceHeader "1" -- "1" contact ResourceHeader "1" -- "1" informationURL ResourceHeader "1" -- "1" association ResourceHeader "1" -- "1" priorID </pre>						
Type	spase:ResourceHeader						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						

Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName
Instance	<pre><spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1,unbounded}</spase:Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader></pre>
Source	<pre><xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:NumericalData / spase:AccessInformation

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:AccessInformation						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	spase:RepositoryID , spase:Availability{0,1} , spase:AccessRights{0,1} , spase:AccessURL+ , spase:Format , spase:Encoding{0,1} , spase:DataExtent{0,1} , spase:Acknowledgement{0,1}						
Children	spase:AccessRights, spase:AccessURL, spase:Acknowledgement, spase:Availability, spase:DataExtent, spase:Encoding, spase:Format, spase:RepositoryID						
Instance	<pre><spase:AccessInformation xmlns:spase="http://www.spase-group.org/data/schema"> <spase:RepositoryID>{1,1}</spase:RepositoryID> <spase:Availability>{0,1}</spase:Availability> <spase:AccessRights>{0,1}</spase:AccessRights> <spase:AccessURL>{1,unbounded}</spase:AccessURL> <spase:Format>{1,1}</spase:Format> <spase:Encoding>{0,1}</spase:Encoding> <spase:DataExtent>{0,1}</spase:DataExtent> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> </spase:AccessInformation></pre>						
Source	<pre><xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded" /></pre>						

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Element spase:NumericalData / spase:ProcessingLevel

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ProcessingLevel { <<Type spase:ProcessingLevel>> } class spase:ProcessingLevel ProcessingLevel "0..1" --> spase:ProcessingLevel </pre>						
Type	spase:ProcessingLevel						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Calibrated</td> </tr> <tr> <td>enumeration</td> <td>Raw</td> </tr> <tr> <td>enumeration</td> <td>Uncalibrated</td> </tr> </table>	enumeration	Calibrated	enumeration	Raw	enumeration	Uncalibrated
enumeration	Calibrated						
enumeration	Raw						
enumeration	Uncalibrated						
Source	<xsd:element name="ProcessingLevel" type="spase:ProcessingLevel" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:ProviderResourceName

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ProviderResourceName { <<Type spase:ProviderResourceName>> } class spase:ProviderResourceName ProviderResourceName "0..1" --> spase:ProviderResourceName </pre>						
Type	spase:ProviderResourceName						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="ProviderResourceName" type="spase:ProviderResourceName" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:ProviderProcessingLevel

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ProviderProcessingLevel { <<Type spase:ProviderProcessingLevel>> } class spase:ProviderProcessingLevel ProviderProcessingLevel "0..1" --> spase:ProviderProcessingLevel </pre>						
Type	spase:ProviderProcessingLevel						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="ProviderProcessingLevel" type="spase:ProviderProcessingLevel" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:ProviderVersion

Namespace	http://www.spase-group.org/data/schema				
Diagram	<pre> classDiagram class ProviderVersion { <<Type spase:ProviderVersion>> } class spase:ProviderVersion ProviderVersion "0..1" --> spase:ProviderVersion </pre>				
Type	spase:ProviderVersion				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

	maxOccurs:	1
Source	<xsd:element name="ProviderVersion" type="spase:ProviderVersion" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:NumericalData / spase:InstrumentID

Namespace	http://www.spase-group.org/data/schema
Diagram	A UML class diagram fragment showing a generalization relationship. A box labeled 'InstrumentID' has a solid line with an open circle at its end pointing to a box labeled 'spase:InstrumentID'. Below 'InstrumentID' is a 'Type' box with a dashed line connecting it to the same 'spase:InstrumentID' box.
Type	spase:InstrumentID
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="InstrumentID" type="spase:InstrumentID" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:NumericalData / spase:MeasurementType

Namespace	http://www.spase-group.org/data/schema
Diagram	A UML class diagram fragment showing a generalization relationship. A box labeled 'MeasurementType' has a solid line with an open circle at its end pointing to a box labeled 'spase:MeasurementType'. Below 'MeasurementType' is a 'Type' box with a dashed line connecting it to the same 'spase:MeasurementType' box.
Type	spase:MeasurementType
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: unbounded</p>
Facets	<p>enumeration ActivityIndex</p> <p>enumeration Dopplergram</p> <p>enumeration Dust</p> <p>enumeration ElectricField</p> <p>enumeration EnergeticParticles</p> <p>enumeration Ephemeris</p> <p>enumeration ImageIntensity</p> <p>enumeration InstrumentStatus</p> <p>enumeration IonComposition</p> <p>enumeration Irradiance</p> <p>enumeration MagneticField</p> <p>enumeration Magnetogram</p> <p>enumeration NeutralAtomImages</p> <p>enumeration NeutralGas</p> <p>enumeration Profile</p> <p>enumeration Radiance</p> <p>enumeration Spectrum</p> <p>enumeration ThermalPlasma</p> <p>enumeration Waves</p> <p>enumeration Waves.Active</p> <p>enumeration Waves.Passive</p>
Source	<xsd:element name="MeasurementType" type="spase:MeasurementType" minOccurs="1" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:NumericalData / spase:TemporalDescription

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class TemporalDescription { <<spase:TemporalDescription>> } class TimeSpan { <<spase:TimeSpan>> } class Cadence { <<spase:Cadence>> } class Exposure { <<spase:Exposure>> } TemporalDescription "0..1" -- "1..1" TimeSpan TemporalDescription "0..1" -- "1..1" Cadence TemporalDescription "0..1" -- "1..1" Exposure </pre>						
Type	spase:TemporalDescription						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:TimeSpan , spase:Cadence{0,1} , spase:Exposure{0,1}						
Children	spase:Cadence, spase:Exposure, spase:TimeSpan						
Instance	<spase:TemporalDescription xmlns:spase="http://www.spase-group.org/data/schema"> <spase:TimeSpan>{1,1}</spase:TimeSpan> <spase:Cadence>{0,1}</spase:Cadence> <spase:Exposure>{0,1}</spase:Exposure> </spase:TemporalDescription>						
Source	<xsd:element name="TemporalDescription" type="spase:TemporalDescription" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:SpectralRange

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class SpectralRange { <<spase:SpectralRange>> } class spase:SpectralRange { <<spase:SpectralRange>> } SpectralRange "0..1" -- "1..1" spase:SpectralRange </pre>						
Type	spase:SpectralRange						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Facets	enumeration CaK enumeration ExtremeUltraviolet enumeration FarUltraviolet enumeration GammaRays enumeration Halpha enumeration HardXrays enumeration He10830 enumeration He304 enumeration Infrared enumeration K7699 enumeration LBHBand enumeration Microwave enumeration NaD enumeration Ni6768 enumeration Optical enumeration RadioFrequency enumeration SoftXrays						

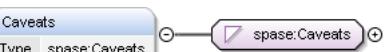
	enumeration	Ultraviolet
	enumeration	WhiteLight
	enumeration	XRays
Source	<xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="unbounded" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:NumericalData / spase:ObservedRegion

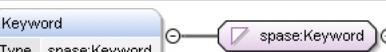
Namespace	http://www.spase-group.org/data/schema																																																																					
Diagram	<pre> classDiagram class ObservedRegion { <<spase:Region>> } class spase:Region ObservedRegion < -- spase:Region </pre>																																																																					
Type	spase:Region																																																																					
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>		content:	simple	minOccurs:	0	maxOccurs:	unbounded																																																														
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Facets	<table border="1"> <tr> <td>enumeration</td> <td>Asteroid</td> </tr> <tr> <td>enumeration</td> <td>Comet</td> </tr> <tr> <td>enumeration</td> <td>Earth</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosheath</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.Magnetotail</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.Main</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.Polar</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.RadiationBelt</td> </tr> <tr> <td>enumeration</td> <td>Earth.Moon</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Atmosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.AuroralRegion</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.EquatorialRegion</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Ionosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Ionosphere.DRegion</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Ionosphere.ERegion</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Ionosphere.FRegion</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Ionosphere.Topside</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Mesosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Plasmasphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.PolarCap</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.SouthAtlanticAnomalyRegion</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Stratosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Thermosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.NearSurface.Troposphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.Surface</td> </tr> <tr> <td>enumeration</td> <td>Heliosphere</td> </tr> <tr> <td>enumeration</td> <td>Heliosphere.Heliosheath</td> </tr> <tr> <td>enumeration</td> <td>Heliosphere.Inner</td> </tr> <tr> <td>enumeration</td> <td>Heliosphere.NearEarth</td> </tr> <tr> <td>enumeration</td> <td>Heliosphere.Outer</td> </tr> <tr> <td>enumeration</td> <td>Heliosphere.RemoteAU</td> </tr> <tr> <td>enumeration</td> <td>Interstellar</td> </tr> </table>		enumeration	Asteroid	enumeration	Comet	enumeration	Earth	enumeration	Earth.Magnetosheath	enumeration	Earth.Magnetosphere	enumeration	Earth.Magnetosphere.Magnetotail	enumeration	Earth.Magnetosphere.Main	enumeration	Earth.Magnetosphere.Polar	enumeration	Earth.Magnetosphere.RadiationBelt	enumeration	Earth.Moon	enumeration	Earth.NearSurface	enumeration	Earth.NearSurface.Atmosphere	enumeration	Earth.NearSurface.AuroralRegion	enumeration	Earth.NearSurface.EquatorialRegion	enumeration	Earth.NearSurface.Ionosphere	enumeration	Earth.NearSurface.Ionosphere.DRegion	enumeration	Earth.NearSurface.Ionosphere.ERegion	enumeration	Earth.NearSurface.Ionosphere.FRegion	enumeration	Earth.NearSurface.Ionosphere.Topside	enumeration	Earth.NearSurface.Mesosphere	enumeration	Earth.NearSurface.Plasmasphere	enumeration	Earth.NearSurface.PolarCap	enumeration	Earth.NearSurface.SouthAtlanticAnomalyRegion	enumeration	Earth.NearSurface.Stratosphere	enumeration	Earth.NearSurface.Thermosphere	enumeration	Earth.NearSurface.Troposphere	enumeration	Earth.Surface	enumeration	Heliosphere	enumeration	Heliosphere.Heliosheath	enumeration	Heliosphere.Inner	enumeration	Heliosphere.NearEarth	enumeration	Heliosphere.Outer	enumeration	Heliosphere.RemoteAU	enumeration	Interstellar
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	enumeration Jupiter
	enumeration Mars
	enumeration Mercury
	enumeration Neptune
	enumeration Pluto
	enumeration Saturn
	enumeration Sun
	enumeration Sun.Chromosphere
	enumeration Sun.Corona
	enumeration Sun.Interior
	enumeration Sun.Photosphere
	enumeration Sun.TransitionRegion
	enumeration Uranus
	enumeration Venus
Source	<xsd:element name="ObservedRegion" type="spase:Region" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

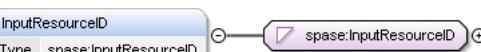
Element spase:NumericalData / spase:Caveats

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Caveats						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:Keyword

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Keyword						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:NumericalData / spase:InputResourceID

Namespace	http://www.spase-group.org/data/schema				
Diagram					
Type	spase:InputResourceID				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

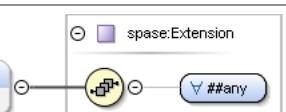
	maxOccurs:	unbounded
Source	<xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:NumericalData / spase:Parameter

Namespace	http://www.spase-group.org/data/schema				
Diagram	<pre> classDiagram class Parameter { <<spase:Parameter>> } class Name { <<spase:Name>> } class Set { <<spase:Set>> } class ParameterKey { <<spase:ParameterKey>> } class Description { <<spase:Description>> } class Caveats { <<spase:Caveats>> } class Cadence { <<spase:Cadence>> } class Units { <<spase:Units>> } class UnitsConversion { <<spase:UnitsConversion>> } class CoordinateSystem { <<spase:CoordinateSystem>> } class RenderingHints { <<spase:RenderingHints>> } class Structure { <<spase:Structure>> } class ValidMin { <<spase:ValidMin>> } class ValidMax { <<spase:ValidMax>> } class FillValue { <<spase:FillValue>> } class Field { <<spase:Field>> } class Particle { <<spase:Particle>> } class Wave { <<spase:Wave>> } class Mixed { <<spase:Mixed>> } class Support { <<spase:Support>> } Parameter < -- Name Parameter < -- Set Parameter < -- ParameterKey Parameter < -- Description Parameter < -- Caveats Parameter < -- Cadence Parameter < -- Units Parameter < -- UnitsConversion Parameter < -- CoordinateSystem Parameter < -- RenderingHints Parameter < -- Structure Parameter < -- ValidMin Parameter < -- ValidMax Parameter < -- FillValue Parameter < -- Field Parameter < -- Particle Parameter < -- Wave Parameter < -- Mixed Parameter < -- Support </pre> <p>The diagram shows the structure of the spase:Parameter element. It is a complex type with the following components:</p> <ul style="list-style-type: none"> Attributes: <ul style="list-style-type: none"> Name (Type: spase:Name) Set (Type: spase:Set) ParameterKey (Type: spase:ParameterKey) Description (Type: spase:Description) Caveats (Type: spase:Caveats) Cadence (Type: spase:Cadence) Units (Type: spase:Units) UnitsConversion (Type: spase:UnitsConversion) CoordinateSystem (Type: spase:CoordinateSystem) RenderingHints (Type: spase:RenderingHints) Structure (Type: spase:Structure) ValidMin (Type: spase:ValidMin) ValidMax (Type: spase:ValidMax) FillValue (Type: spase:FillValue) Elements: <ul style="list-style-type: none"> Field (Type: spase:Field) Particle (Type: spase:Particle) Wave (Type: spase:Wave) Mixed (Type: spase:Mixed) Support (Type: spase:Support) 				
Type	spase:Parameter				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

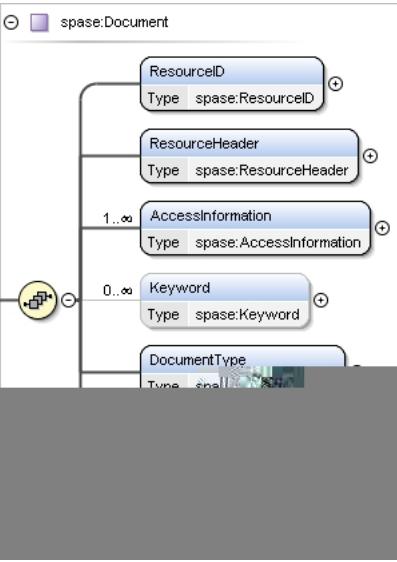
	maxOccurs:	unbounded
Model	spase:Name , spase:Set* , spase:ParameterKey{0,1} , spase:Description{0,1} , spase:Caveats{0,1} , spase:Cadence{0,1} , spase:Units{0,1} , spase:UnitsConversion{0,1} , spase:CoordinateSystem{0,1} , spase:RenderingHints* , spase:Structure{0,1} , spase:ValidMin{0,1} , spase:ValidMax{0,1} , spase:FieldValue{0,1} , (spase:Field spase:Particle spase:Wave spase:Mixed spase:Support)	
Children	spase:Cadence, spase:Caveats, spase:CoordinateSystem, spase:Description, spase:Field, spase:FieldValue, spase:Mixed, spase:Name, spase:ParameterKey, spase:Particle, spase:RenderingHints, spase:Set, spase:Structure, spase:Support, spase:Units, spase:UnitsConversion, spase:ValidMax, spase:ValidMin, spase:Wave	
Instance	<pre><spase:Parameter xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{1,1}</spase:Name> <spase:Set>{0,unbounded}</spase:Set> <spase:ParameterKey>{0,1}</spase:ParameterKey> <spase:Description>{0,1}</spase:Description> <spase:Caveats>{0,1}</spase:Caveats> <spase:Cadence>{0,1}</spase:Cadence> <spase:Units>{0,1}</spase:Units> <spase:UnitsConversion>{0,1}</spase:UnitsConversion> <spase:CoordinateSystem>{0,1}</spase:CoordinateSystem> <spase:RenderingHints>{0,unbounded}</spase:RenderingHints> <spase:Structure>{0,1}</spase:Structure> <spase:ValidMin>{0,1}</spase:ValidMin> <spase:ValidMax>{0,1}</spase:ValidMax> <spase:FieldValue>{0,1}</spase:FieldValue> <spase:Field>{1,1}</spase:Field> <spase:Particle>{1,1}</spase:Particle> <spase:Wave>{1,1}</spase:Wave> <spase:Mixed>{1,1}</spase:Mixed> <spase:Support>{1,1}</spase:Support> </spase:Parameter></pre>	
Source	<code><xsd:element name="Parameter" type="spase:Parameter" minOccurs="0" maxOccurs="unbounded" /></code>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:NumericalData / spase:Extension

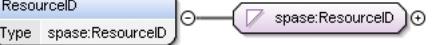
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Extension						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	ANY element from ANY namespace						
Source	<code><xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded" /></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Spase / spase:Document

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Document
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:Keyword* , spase:DocumentType , spase:MIMEType , spase:InputResourceID*
Children	spase:AccessInformation, spase:DocumentType, spase:InputResourceID, spase:Keyword, spase:MIMEType, spase:ResourceHeader, spase:ResourceID
Instance	<pre><spase:Document xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:AccessInformation>{1,unbounded}</spase:AccessInformation> <spase:Keyword>{0,unbounded}</spase:Keyword> <spase:DocumentType>{1,1}</spase:DocumentType> <spase:MIMEType>{1,1}</spase:MIMEType> <spase:InputResourceID>{0,unbounded}</spase:InputResourceID> </spase:Document></pre>
Source	<code><xsd:element name="Document" type="spase:Document" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Document / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ResourceID
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Document / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
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Diagram							
Type	spase:ResourceHeader						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase>Description , spase:Acknowledgement{0,1} , spase>Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*						
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName						
Instance	<pre style="font-family: monospace; padding: 5px;"><spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase>Description>{1,1}</spase>Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase>Contact>{1,unbounded}</spase>Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader></pre>						
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Document / spase:AccessInformation

Namespace	http://www.spase-group.org/data/schema
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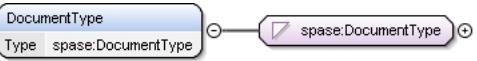
Diagram	<pre> classDiagram class spase:AccessInformation { RepositoryID Availability AccessRights AccessURL Format Encoding } class spase:AccessInformation { <<Reference>> } spase:AccessInformation < -- spase:AccessInformation </pre>						
Type	spase:AccessInformation						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	spase:RepositoryID , spase:Availability{0,1} , spase:AccessRights{0,1} , spase:AccessURL+ , spase:Format , spase:Encoding{0,1} , spase:DataExtent{0,1} , spase:Acknowledgement{0,1}						
Children	spase:AccessRights, spase:AccessURL, spase:Acknowledgement, spase:Availability, spase:DataExtent, spase:Encoding, spase:Format, spase:RepositoryID						
Instance	<pre> <spase:AccessInformation xmlns:spase="http://www.spase-group.org/data/schema"> <spase:RepositoryID>{1,1}</spase:RepositoryID> <spase:Availability>{0,1}</spase:Availability> <spase:AccessRights>{0,1}</spase:AccessRights> <spase:AccessURL>{1,unbounded}</spase:AccessURL> <spase:Format>{1,1}</spase:Format> <spase:Encoding>{0,1}</spase:Encoding> <spase:DataExtent>{0,1}</spase:DataExtent> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> </spase:AccessInformation> </pre>						
Source	<pre> <xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded" /> </pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Document / spase:Keyword

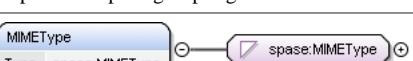
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Keyword class spase:Keyword Keyword < -- spase:Keyword </pre>						
Type	spase:Keyword						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<pre> <xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded" /> </pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Document / spase:DocumentType

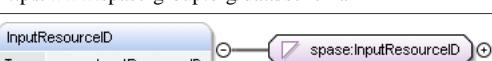
Namespace	http://www.spase-group.org/data/schema
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Diagram															
Type	spase:DocumentType														
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1								
content:	simple														
minOccurs:	1														
maxOccurs:	1														
Facets	<table> <tr> <td>enumeration</td> <td>Other</td> </tr> <tr> <td>enumeration</td> <td>Poster</td> </tr> <tr> <td>enumeration</td> <td>Presentation</td> </tr> <tr> <td>enumeration</td> <td>Report</td> </tr> <tr> <td>enumeration</td> <td>Specification</td> </tr> <tr> <td>enumeration</td> <td>TechnicalNote</td> </tr> <tr> <td>enumeration</td> <td>WhitePaper</td> </tr> </table>	enumeration	Other	enumeration	Poster	enumeration	Presentation	enumeration	Report	enumeration	Specification	enumeration	TechnicalNote	enumeration	WhitePaper
enumeration	Other														
enumeration	Poster														
enumeration	Presentation														
enumeration	Report														
enumeration	Specification														
enumeration	TechnicalNote														
enumeration	WhitePaper														
Source	<xsd:element name="DocumentType" type="spase:DocumentType" minOccurs="1" maxOccurs="1"/>														
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd														

Element spase:Document / spase:MIMEType

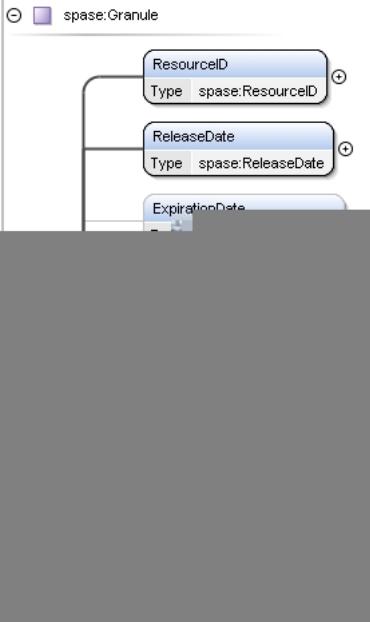
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:MIMEType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="MIMEType" type="spase:MIMEType" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Document / spase:InputResourceID

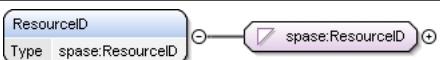
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:InputResourceID						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Spase / spase:Granule

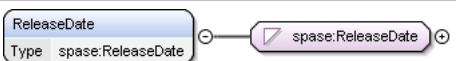
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Granule
Properties	content: complex
Model	spase:ResourceID , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:ParentID , spase:PriorID* , spase:StartDate , spase:StopDate , spase:Source+
Children	spase:ExpirationDate, spase:ParentID, spase:PriorID, spase:ReleaseDate, spase:ResourceID, spase:Source, spase:StartDate, spase:StopDate
Instance	<pre><spase:Granule xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:ParentID>{1,1}</spase:ParentID> <spase:PriorID>{0,unbounded}</spase:PriorID> <spase:StartDate>{1,1}</spase:StartDate> <spase:StopDate>{1,1}</spase:StopDate> <spase:Source>{1,unbounded}</spase:Source> </spase:Granule></pre>
Source	<code><xsd:element name="Granule" type="spase:Granule"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Granule / spase:ResourceID

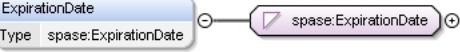
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ResourceID						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td> <td style="padding: 2px;">simple</td> </tr> <tr> <td style="padding: 2px;">minOccurs:</td> <td style="padding: 2px;">1</td> </tr> <tr> <td style="padding: 2px;">maxOccurs:</td> <td style="padding: 2px;">1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Granule / spase:ReleaseDate

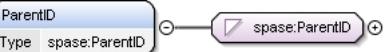
Namespace	http://www.spase-group.org/data/schema
Diagram	

Type	spase:ReleaseDate
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ReleaseDate" type="spase:ReleaseDate" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

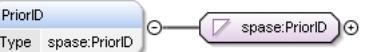
Element spase:Granule / spase:ExpirationDate

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ExpirationDate
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ExpirationDate" type="spase:ExpirationDate" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

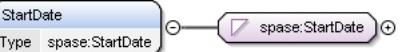
Element spase:Granule / spase:ParentID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ParentID
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ParentID" type="spase:ParentID" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Granule / spase:PriorID

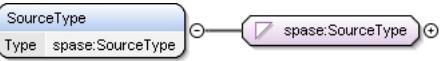
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:PriorID
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="PriorID" type="spase:PriorID" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Granule / spase:StartDate

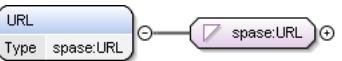
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:StartDate

xsd

1 25 65 0 0 -1 50.4000	1 25 65 0 0 -1 50.4000	1 25 65 0 0 -1 50.4000
------------------------	------------------------	------------------------

Diagram	
Type	spase:SourceType
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Facets	<p>enumeration Ancillary</p> <p>enumeration Browse</p> <p>enumeration Data</p> <p>enumeration Layout</p> <p>enumeration Thumbnail</p>
Source	<xsd:element name="SourceType" type="spase:SourceType" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

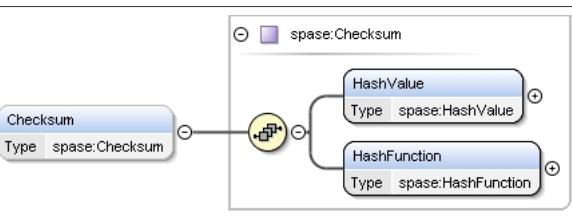
Element spase:Source / spase:URL

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:URL
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="URL" type="spase:URL" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Source / spase:MirrorURL

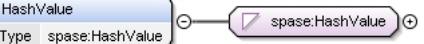
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:MirrorURL
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="MirrorURL" type="spase:MirrorURL" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Source / spase:Checksum

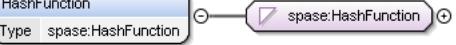
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Checksum
Properties	content: complex

	minOccurs:	0
	maxOccurs:	1
Model	spase:HashValue , spase:HashFunction	
Children	spase:HashFunction, spase:HashValue	
Instance	<spase:Checksum xmlns:spase="http://www.spase-group.org/data/schema"> <spase:HashValue>{1,1}</spase:HashValue> <spase:HashFunction>{1,1}</spase:HashFunction> </spase:Checksum>	
Source	<xsd:element name="Checksum" type="spase:Checksum" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Checksum / spase:HashValue

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:HashValue						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<xsd:element name="HashValue" type="spase:HashValue" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Checksum / spase:HashFunction

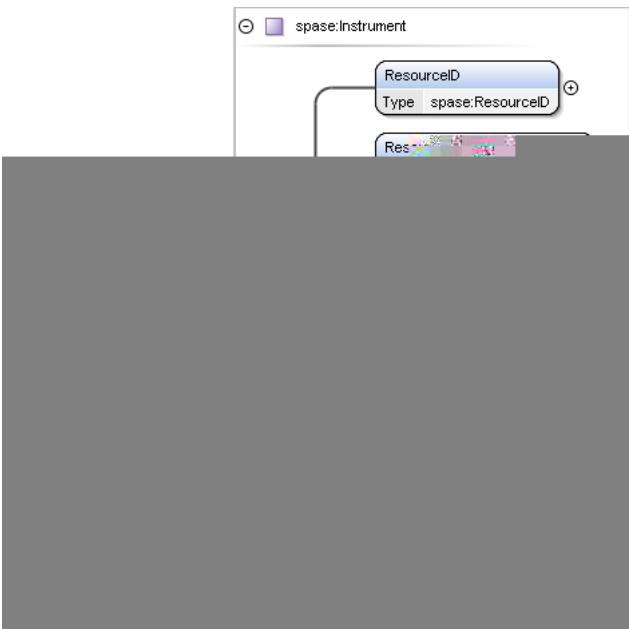
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:HashFunction						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>MD5</td> </tr> <tr> <td>enumeration</td> <td>SHA1</td> </tr> <tr> <td>enumeration</td> <td>SHA256</td> </tr> </table>	enumeration	MD5	enumeration	SHA1	enumeration	SHA256
enumeration	MD5						
enumeration	SHA1						
enumeration	SHA256						
Source	<xsd:element name="HashFunction" type="spase:HashFunction" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Source / spase:DataExtent

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:DataExtent

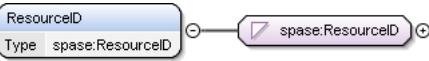
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	spase:Quantity , spase:Units{0,1} , spase:Per{0,1}
Children	spase:Per, spase:Quantity, spase:Units
Instance	<spase:DataExtent xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Quantity>{1,1}</spase:Quantity> <spase:Units>{0,1}</spase:Units> <spase:Per>{0,1}</spase:Per> </spase:DataExtent>
Source	<xsd:element name="DataExtent" type="spase:DataExtent" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Spase / spase:Instrument

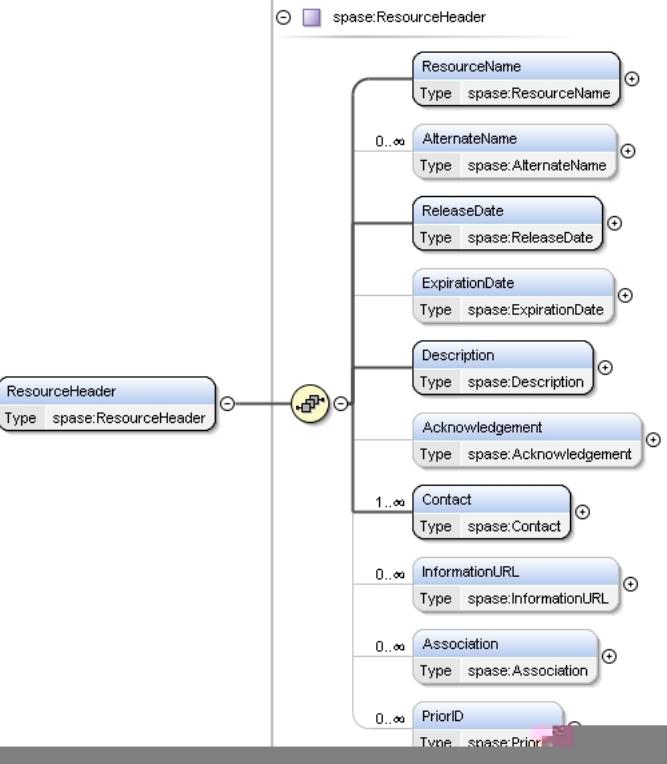
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Instrument
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:InstrumentType+ , spase:InvestigationName+ , spase:OperatingSpan{0,1} , spase:ObservatoryID , spase:Caveats{0,1} , spase:Extension*
Children	spase:Caveats, spase:Extension, spase:InstrumentType, spase:InvestigationName, spase:ObservatoryID, spase:OperatingSpan, spase:ResourceHeader, spase:ResourceID
Instance	<spase:Instrument xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:InstrumentType>{1,unbounded}</spase:InstrumentType> <spase:InvestigationName>{1,unbounded}</spase:InvestigationName> <spase:OperatingSpan>{0,1}</spase:OperatingSpan> <spase:ObservatoryIDs>{1,1}</spase:ObservatoryID> <spase:Caveats>{0,1}</spase:Caveats> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Instrument>
Source	<xsd:element name="Instrument" type="spase:Instrument"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Instrument / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:ResourceID
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Instrument / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ResourceHeader
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName
Instance	<pre> <spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0, unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1, unbounded}</spase:Contact> <spase:InformationURL>{0, unbounded}</spase:InformationURL> <spase:Association>{0, unbounded}</spase:Association> <spase:PriorID>{0, unbounded}</spase:PriorID> </spase:ResourceHeader> </pre>
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>

Schema
location

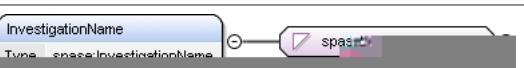
file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Instrument / spase:InstrumentType

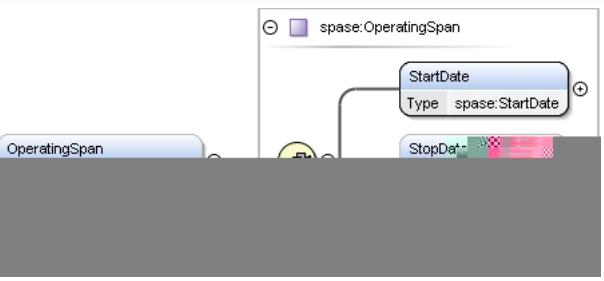
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:InstrumentType
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: unbounded</p>
Facets	<p>enumeration Antenna</p> <p>enumeration Channeltron</p> <p>enumeration Coronograph</p> <p>enumeration DoubleSphere</p> <p>enumeration DustDetector</p> <p>enumeration ElectronDriftInstrument</p> <p>enumeration ElectrostaticAnalyser</p> <p>enumeration EnergeticParticleInstrument</p> <p>enumeration FaradayCup</p> <p>enumeration FluxFeedback</p> <p>enumeration FourierTransformSpectrograph</p> <p>enumeration GeigerMuellerTube</p> <p>enumeration Imager</p> <p>enumeration ImagingSpectrometer</p> <p>enumeration Interferometer</p> <p>enumeration IonChamber</p> <p>enumeration IonDrift</p> <p>enumeration LangmuirProbe</p> <p>enumeration LongWire</p> <p>enumeration Magnetograph</p> <p>enumeration Magnetometer</p> <p>enumeration MassSpectrometer</p> <p>enumeration MicrochannelPlate</p> <p>enumeration MultispectralImager</p> <p>enumeration NeutralAtomImager</p> <p>enumeration NeutralParticleDetector</p> <p>enumeration ParticleCorrelator</p> <p>enumeration ParticleDetector</p> <p>enumeration Photometer</p> <p>enumeration PhotomultiplierTube</p> <p>enumeration Photopolarimeter</p> <p>enumeration Platform</p> <p>enumeration ProportionalCounter</p> <p>enumeration QuadrисphericalAnalyser</p> <p>enumeration Radar</p> <p>enumeration Radiometer</p> <p>enumeration ResonanceSounder</p> <p>enumeration RetardingPotentialAnalyser</p>

	enumeration	Riometer
	enumeration	ScintillationDetector
	enumeration	SearchCoil
	enumeration	SolidStateDetector
	enumeration	Sounder
	enumeration	SpacecraftPotentialControl
	enumeration	SpectralPowerReceiver
	enumeration	Spectrometer
	enumeration	TimeOfFlight
	enumeration	Unspecified
	enumeration	WaveformReceiver
Source	<xsd:element name="InstrumentType" type="spase:InstrumentType" minOccurs="1" maxOccurs="unbounded" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

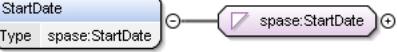
Element spase:Instrument / spase:InvestigationName

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:InvestigationName						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	unbounded
content:	simple						
minOccurs:	1						
maxOccurs:	unbounded						
Source	<xsd:element name="InvestigationName" type="spase:InvestigationName" minOccurs="1" maxOccurs="unbounded" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

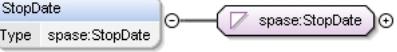
Element spase:Instrument / spase:OperatingSpan

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:OperatingSpan						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:StartDate , spase:StopDate{0,1} , spase>Note*						
Children	spase>Note, spase:StartDate, spase:StopDate						
Instance	<spase:OperatingSpan xmlns:spase="http://www.spase-group.org/data/schema"> <spase:StartDate>{1,1}</spase:StartDate> <spase:StopDate>{0,1}</spase:StopDate> <spase>Note>{0,unbounded}</spase>Note> </spase:OperatingSpan>						
Source	<xsd:element name="OperatingSpan" type="spase:OperatingSpan" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

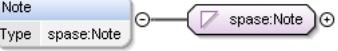
Element spase:OperatingSpan / spase:StartDate

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:StartDate
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="StartDate" type="spase:StartDate" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:OperatingSpan / spase:StopDate

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:StopDate
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="StopDate" type="spase:StopDate" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:OperatingSpan / spase:Note

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Note
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="Note" type="spase:Note" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Instrument / spase:ObservatoryID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ObservatoryID
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ObservatoryID" type="spase:ObservatoryID" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Instrument / spase:Caveats

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> graph LR Caveats[spase:Caveats] --- Type[Type] </pre>						
Type	spase:Caveats						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Instrument / spase:Extension

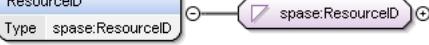
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> graph LR Extension[spase:Extension] --- Type[Type] Extension --- Any["#any"] </pre>						
Type	spase:Extension						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	ANY element from ANY namespace						
Source	<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Spase / spase:Observatory

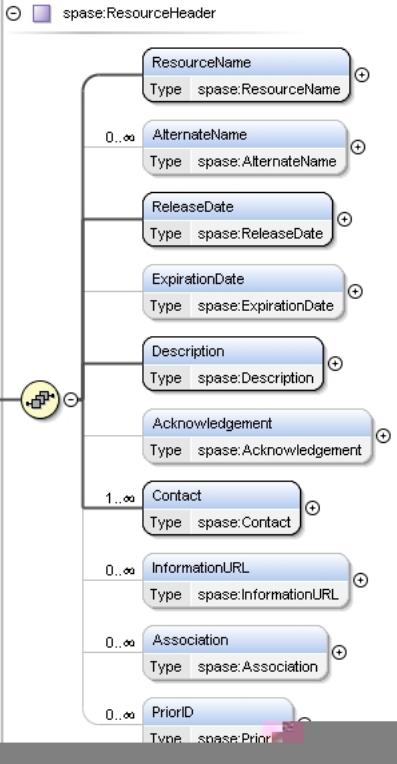
Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> graph TD Observatory[spase:Observatory] --- ResourceID[spase:ResourceID] Observatory --- ResourceHeader[spase:ResourceHeader] Observatory --- ObservatoryGroupID[spase:ObservatoryGroupID] </pre>
Type	spase:Observatory
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:ObservatoryGroupID* , spase:Location , spase:OperatingSpan{0,1} , spase:Extension*
Children	spase:Extension, spase:Location, spase:ObservatoryGroupID, spase:OperatingSpan, spase:ResourceHeader, spase:ResourceID

Instance	<pre><spase:Observatory xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:ObservatoryGroupID>{0,unbounded}</spase:ObservatoryGroupID> <spase:Location>{1,1}</spase:Location> <spase:OperatingSpan>{0,1}</spase:OperatingSpan> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Observatory></pre>
Source	<code><xsd:element name="Observatory" type="spase:Observatory"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Observatory / spase:ResourceID

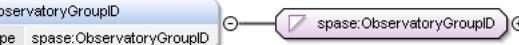
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ResourceID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Observatory / spase:ResourceHeader

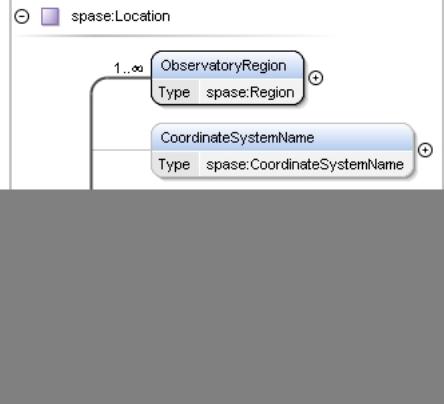
Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ResourceHeader						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						

Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName
Instance	<pre><spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1,unbounded}</spase:Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader></pre>
Source	<pre><xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Observatory / spase:ObservatoryGroupID

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ObservatoryGroupID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						
Source	<pre><xsd:element name="ObservatoryGroupID" type="spase:ObservatoryGroupID" minOccurs="0" maxOccurs="unbounded"/></pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Observatory / spase:Location

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Location						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ObservatoryRegion+, spase:CoordinateSystemName{0,1} , spase:Latitude{0,1} , spase:Longitude{0,1} , spase:Elevation{0,1}						
Children	spase:CoordinateSystemName, spase:Elevation, spase:Latitude, spase:Longitude, spase:ObservatoryRegion						
Instance	<pre><spase:Location xmlns:spase="http://www.spase-group.org/data/schema"></pre>						

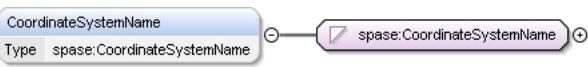
	<pre><spase:ObservatoryRegion>{1,unbounded}</spase:ObservatoryRegion> <spase:CoordinateSystemName>{0,1}</spase:CoordinateSystemName> <spase:Latitude>{0,1}</spase:Latitude> <spase:Longitude>{0,1}</spase:Longitude> <spase:Elevation>{0,1}</spase:Elevation> </spase:Location></pre>
Source	<xsd:element name="Location" type="spase:Location" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Location / spase:ObservatoryRegion

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class ObservatoryRegion { <<Type>> } class spaseRegion { <<Type>> } ObservatoryRegion "1" -- "0..1" spaseRegion </pre>	
Type	spase:Region	
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: unbounded</p>	
Facets	enumeration Asteroid enumeration Comet enumeration Earth enumeration Earth.Magnetosheath enumeration Earth.Magnetosphere enumeration Earth.Magnetosphere.Magnetotail enumeration Earth.Magnetosphere.Main enumeration Earth.Magnetosphere.Polar enumeration Earth.Magnetosphere.RadiationBelt enumeration Earth.Moon enumeration Earth.NearSurface enumeration Earth.NearSurface.Atmosphere enumeration Earth.NearSurface.AuroralRegion enumeration Earth.NearSurface.EquatorialRegion enumeration Earth.NearSurface.Ionosphere enumeration Earth.NearSurface.Ionosphere.DRegion enumeration Earth.NearSurface.Ionosphere.ERegion enumeration Earth.NearSurface.Ionosphere.FRegion enumeration Earth.NearSurface.Ionosphere.Topside enumeration Earth.NearSurface.Mesosphere enumeration Earth.NearSurface.Plasmasphere enumeration Earth.NearSurface.PolarCap enumeration Earth.NearSurface.SouthAtlanticAnomalyRegion enumeration Earth.NearSurface.Stratosphere enumeration Earth.NearSurface.Thermosphere enumeration Earth.NearSurface.Troposphere enumeration Earth.Surface enumeration Heliosphere enumeration Heliosphere.Heliosheath enumeration Heliosphere.Inner enumeration Heliosphere.NearEarth enumeration Heliosphere.Outer enumeration Heliosphere.RemotelAU	

enumeration	Interstellar
enumeration	Jupiter
enumeration	Mars
enumeration	Mercury
enumeration	Neptune
enumeration	Pluto
enumeration	Saturn
enumeration	Sun
enumeration	Sun.Chromosphere
enumeration	Sun.Corona
enumeration	Sun.Interior
enumeration	Sun.Photosphere
enumeration	Sun.TransitionRegion
enumeration	Uranus
enumeration	Venus
Source	<xsd:element name="ObservatoryRegion" type="spase:Region" minOccurs="1" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Location / spase:CoordinateSystemName

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:CoordinateSystemName
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Facets	enumeration CGM enumeration Carrington enumeration DM enumeration ECEF enumeration ENP enumeration GEI enumeration GEO enumeration GSE enumeration GSEQ enumeration GSM enumeration HAE enumeration HCC enumeration HCI enumeration HCR enumeration HEE enumeration HEEQ enumeration HG enumeration HGI enumeration HPC enumeration HPR enumeration J2000 enumeration LGM

	enumeration	MAG
	enumeration	MFA
	enumeration	RTN
	enumeration	SC
	enumeration	SE
	enumeration	SM
	enumeration	SR
	enumeration	SR2
	enumeration	SSE
	enumeration	SSE_L
	enumeration	SpacecraftOrbitPlane
	enumeration	WGS84
Source	<xsd:element name="CoordinateSystemName" type="spase:CoordinateSystemName" minOccurs="0" maxOccurs="1" />	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Location / spase:Latitude

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Latitude class spase:Latitude "spase:Latitude" Latitude < -- spase:Latitude </pre>						
Type	spase:Latitude						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Latitude" type="spase:Latitude" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Location / spase:Longitude

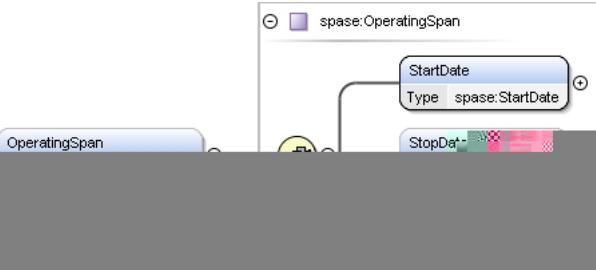
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class Longitude class spase:Longitude "spase:Longitude" Longitude < -- spase:Longitude </pre>						
Type	spase:Longitude						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Source	<xsd:element name="Longitude" type="spase:Longitude" minOccurs="0" maxOccurs="1" />						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Location / spase:Elevation

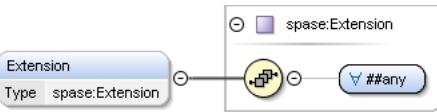
Namespace	http://www.spase-group.org/data/schema				
Diagram	<pre> classDiagram class Elevation class spase:Elevation "spase:Elevation" Elevation < -- spase:Elevation </pre>				
Type	spase:Elevation				
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

	maxOccurs:	1
Source	<xsd:element name="Elevation" type="spase:Elevation" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Observatory / spase:OperatingSpan

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:OperatingSpan						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	spase:StartDate , spase:StopDate{0,1} , spase>Note*						
Children	spase>Note, spase:StartDate, spase:StopDate						
Instance	<spase:OperatingSpan xmlns:spase="http://www.spase-group.org/data/schema"><spase:StartDate>{1,1}</spase:StartDate><spase:StopDate>{0,1}</spase:StopDate><spase>Note>{0,unbounded}</spase>Note></spase:OperatingSpan>						
Source	<xsd:element name="OperatingSpan" type="spase:OperatingSpan" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Observatory / spase:Extension

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:Extension						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	ANY element from ANY namespace						
Source	<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Spase / spase:Person

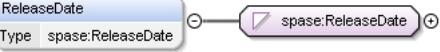
Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Person
Properties	content: complex
Model	spase:ResourceID , spase:ReleaseDate{0,1} , spase:PersonName{0,1} , spase:OrganizationName , spase:Address{0,1} , spase:Email* , spase:PhoneNumber* , spase:FaxNumber{0,1} , spase>Note{0,1} , spase:Extension*
Children	spase:Address, spase:Email, spase:Extension, spase:FaxNumber, spase>Note, spase:OrganizationName, spase:PersonName, spase:PhoneNumber, spase:ReleaseDate, spase:ResourceID
Instance	<pre><spase:Person xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ReleaseDate>{0,1}</spase:ReleaseDate> <spase:PersonName>{0,1}</spase:PersonName> <spase:OrganizationName>{1,1}</spase:OrganizationName> <spase:Address>{0,1}</spase:Address> <spase:Email>{0,unbounded}</spase:Email> <spase:PhoneNumber>{0,unbounded}</spase:PhoneNumber> <spase:FaxNumber>{0,1}</spase:FaxNumber> <spase>Note>{0,1}</spase>Note> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Person></pre>
Source	<code><xsd:element name="Person" type="spase:Person" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

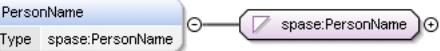
Element spase:Person / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ResourceID
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

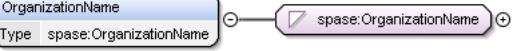
Element spase:Person / spase:ReleaseDate

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ReleaseDate
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="ReleaseDate" type="spase:ReleaseDate" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Person / spase:PersonName

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:PersonName
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="PersonName" type="spase:PersonName" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

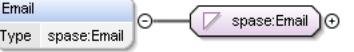
Element spase:Person / spase:OrganizationName

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:OrganizationName
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<xsd:element name="OrganizationName" type="spase:OrganizationName" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

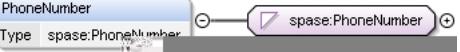
Element spase:Person / spase:Address

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Address
Properties	content: simple minOccurs: 0 maxOccurs: 1
Source	<xsd:element name="Address" type="spase:Address" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

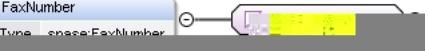
Element spase:Person / spase:Email

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Email
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="Email" type="spase:Email" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

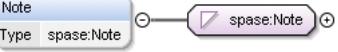
Element spase:Person / spase:PhoneNumber

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:PhoneNumber
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="PhoneNumber" type="spase:PhoneNumber" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

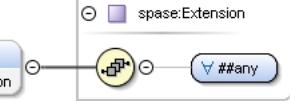
Element spase:Person / spase:FaxNumber

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:FaxNumber
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="FaxNumber" type="spase:FaxNumber" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

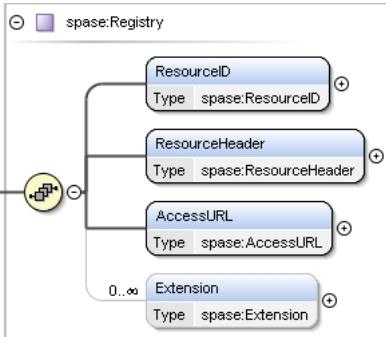
Element spase:Person / spase>Note

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase>Note
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="Note" type="spase>Note" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

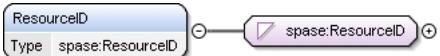
Element spase:Person / spase:Extension

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Extension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Spase / spase:Registry

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Registry
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessURL , spase:Extension*
Children	spase:AccessURL, spase:Extension, spase:ResourceHeader, spase:ResourceID
Instance	<spase:Registry xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:AccessURL>{1,1}</spase:AccessURL> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Registry>
Source	<xsd:element name="Registry" type="spase:Registry" />
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Registry / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ResourceID
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1" />

Schema
location

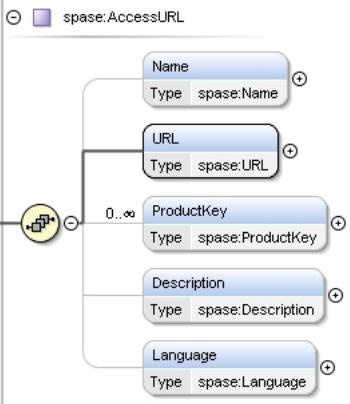
file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Registry / spase:ResourceHeader

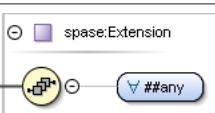
Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ResourceHeader { ResourceName 0..∞ AlternateName ReleaseDate ExpirationDate Description Acknowledgement 1..∞ Contact 0..∞ InformationURL 0..∞ Association 0..∞ PriorID } class ResourceHeader { <<spase:ResourceHeader>> } ResourceHeader "0..∞" --> ResourceHeader </pre>						
Type	spase:ResourceHeader						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*						
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName						
Instance	<pre> <spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1,unbounded}</spase:Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader> </pre>						
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Registry / spase:AccessURL

Namespace | http://www.spase-group.org/data/schema

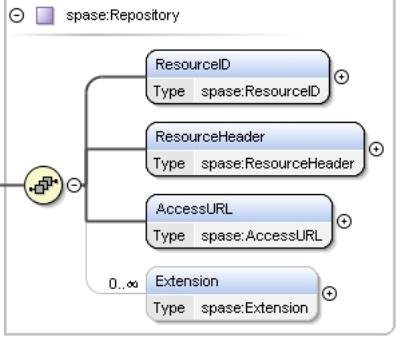
Diagram	
Type	spase:AccessURL
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Model	spase:Name{0,1} , spase:URL , spase:ProductKey* , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:ProductKey, spase:URL
Instance	<pre><spase:AccessURL xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{0,1}</spase:Name> <spase:URL>{1,1}</spase:URL> <spase:ProductKey>{0,unbounded}</spase:ProductKey> <spase:Description>{0,1}</spase:Description> <spase:Language>{0,1}</spase:Language> </spase:AccessURL></pre>
Source	<code><xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Registry / spase:Extension

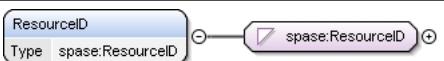
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Extension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<code><xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Spase / spase:Repository

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Repository
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessURL , spase:Extension*
Children	spase:AccessURL, spase:Extension, spase:ResourceHeader, spase:ResourceID
Instance	<pre><spase:Repository xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:AccessURL>{1,1}</spase:AccessURL> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Repository></pre>
Source	<code><xsd:element name="Repository" type="spase:Repository" /></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

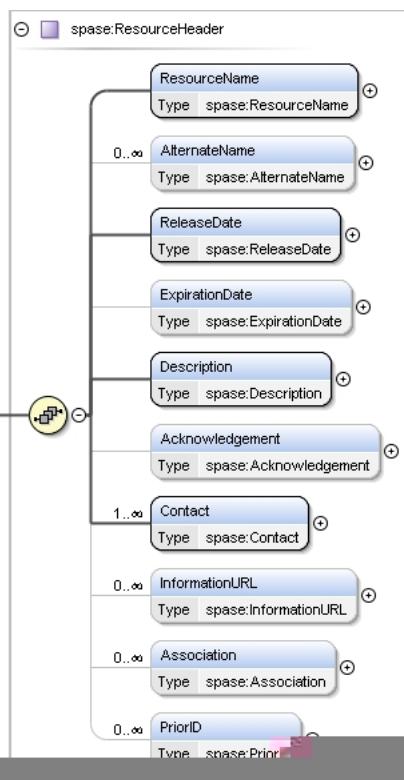
Element spase:Repository / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ResourceID
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Repository / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
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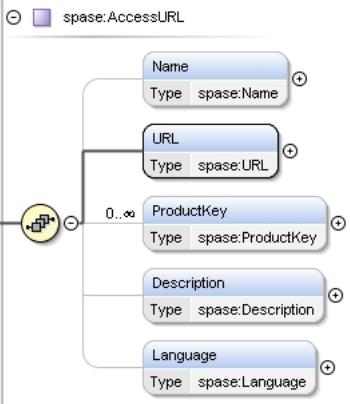
Diagram



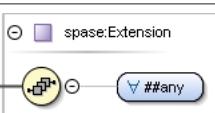
Type	<code>spase:ResourceHeader</code>						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	<code>spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*</code>						
Children	<code>spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName</code>						
Instance	<pre><spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1,unbounded}</spase:Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader></pre>						
Source	<code><xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element `spase:Repository / spase:AccessURL`

Namespace	<code>http://www.spase-group.org/data/schema</code>
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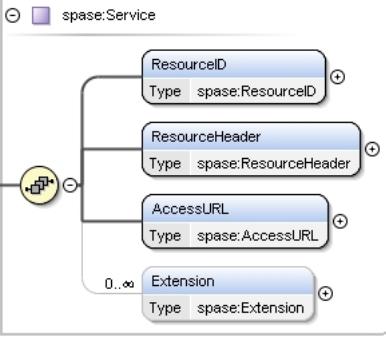
Diagram	
Type	spase:AccessURL
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Model	spase:Name{0,1} , spase:URL , spase:ProductKey* , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:ProductKey, spase:URL
Instance	<pre><spase:AccessURL xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{0,1}</spase:Name> <spase:URL>{1,1}</spase:URL> <spase:ProductKey>{0,unbounded}</spase:ProductKey> <spase:Description>{0,1}</spase:Description> <spase:Language>{0,1}</spase:Language> </spase:AccessURL></pre>
Source	<code><xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Repository / spase:Extension

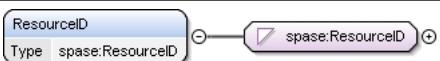
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Extension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<code><xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Spase / spase:Service

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Service
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessURL , spase:Extension*
Children	spase:AccessURL, spase:Extension, spase:ResourceHeader, spase:ResourceID
Instance	<pre><spase:Service xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:AccessURL>{1,1}</spase:AccessURL> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Service></pre>
Source	<code><xsd:element name="Service" type="spase:Service"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Service / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ResourceID						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/></code>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

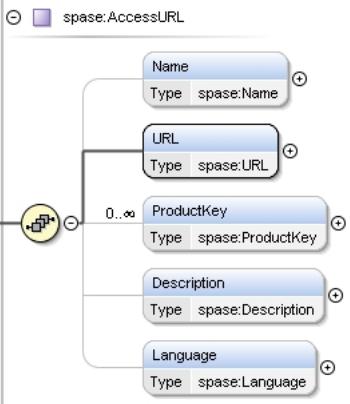
Element spase:Service / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
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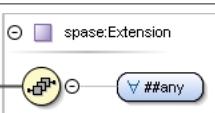
Diagram							
Type	spase:ResourceHeader						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase>Description , spase:Acknowledgement{0,1} , spase>Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*						
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName						
Instance	<pre> <spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase>Description>{1,1}</spase>Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase>Contact>{1,unbounded}</spase>Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader> </pre>						
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Service / spase:AccessURL

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:AccessURL
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Model	spase:Name{0,1} , spase:URL , spase:ProductKey* , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:ProductKey, spase:URL
Instance	<pre><spase:AccessURL xmlns:spase="http://www.spase-group.org/data/schema"> <spase:Name>{0,1}</spase:Name> <spase:URL>{1,1}</spase:URL> <spase:ProductKey>{0,unbounded}</spase:ProductKey> <spase:Description>{0,1}</spase:Description> <spase:Language>{0,1}</spase:Language> </spase:AccessURL></pre>
Source	<code><xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Service / spase:Extension

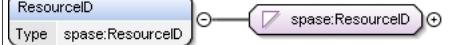
Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Extension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<code><xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Spase / spase:Annotation

Namespace	http://www.spase-group.org/data/schema
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Diagram	
Type	spase:Annotation
Properties	content: complex
Model	spase:ResourceID , spase:ResourceHeader , spase:ImageURL{0,1} , spase:AnnotationType , spase:PhenomenonType{0,1} , spase:ClassificationMethod{0,1} , spase:ConfidenceRating{0,1} , spase:TimeSpan* , spase:ObservationExtent* , spase:Extension*
Children	spase:AnnotationType, spase:ClassificationMethod, spase:ConfidenceRating, spase:Extension, spase:ImageURL, spase:ObservationExtent, spase:PhenomenonType, spase:ResourceHeader, spase:ResourceID, spase:TimeSpan
Instance	<pre><spase:Annotation xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceID>{1,1}</spase:ResourceID> <spase:ResourceHeader>{1,1}</spase:ResourceHeader> <spase:ImageURL>{0,1}</spase:ImageURL> <spase:AnnotationType>{1,1}</spase:AnnotationType> <spase:PhenomenonType>{0,1}</spase:PhenomenonType> <spase:ClassificationMethod>{0,1}</spase:ClassificationMethod> <spase:ConfidenceRating>{0,1}</spase:ConfidenceRating> <spase:TimeSpan>{0,unbounded}</spase:TimeSpan> <spase:ObservationExtent>{0,unbounded}</spase:ObservationExtent> <spase:Extension>{0,unbounded}</spase:Extension> </spase:Annotation></pre>
Source	<code><xsd:element name="Annotation" type="spase:Annotation"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Annotation / spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:ResourceID
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<code><xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/></code>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Annotation / spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ResourceHeader { <<spase:ResourceHeader>> } class resourceName { <<spase:ResourceName>> } class alternateName { <<spase:AlternateName>> } class releaseDate { <<spase:ReleaseDate>> } class expirationDate { <<spase:ExpirationDate>> } class description { <<spase:Description>> } class acknowledgement { <<spase:Acknowledgement>> } class contact { <<spase>Contact>> } class informationURL { <<spase:InformationURL>> } class association { <<spase:Association>> } class priorID { <<spase:PriorID>> } ResourceHeader "0..>" resourceName ResourceHeader "0..>" alternateName ResourceHeader "0..>" releaseDate ResourceHeader "0..>" expirationDate ResourceHeader "0..>" description ResourceHeader "1..>" acknowledgement ResourceHeader "1..>" contact ResourceHeader "0..>" informationURL ResourceHeader "0..>" association ResourceHeader "0..>" priorID </pre>						
Type	spase:ResourceHeader						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*						
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName						
Instance	<pre> <spase:ResourceHeader xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ResourceName>{1,1}</spase:ResourceName> <spase:AlternateName>{0,unbounded}</spase:AlternateName> <spase:ReleaseDate>{1,1}</spase:ReleaseDate> <spase:ExpirationDate>{0,1}</spase:ExpirationDate> <spase:Description>{1,1}</spase:Description> <spase:Acknowledgement>{0,1}</spase:Acknowledgement> <spase:Contact>{1,unbounded}</spase:Contact> <spase:InformationURL>{0,unbounded}</spase:InformationURL> <spase:Association>{0,unbounded}</spase:Association> <spase:PriorID>{0,unbounded}</spase:PriorID> </spase:ResourceHeader> </pre>						
Source	<xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Annotation / spase:ImageURL

Namespace	http://www.spase-group.org/data/schema
Diagram	<pre> classDiagram class ImageURL { <<spase:ImageURL>> } class spaseImageURL { <<spase:ImageURL>> } ImageURL "0..>" spaseImageURL </pre>
Type	spase:ImageURL
Properties	content: simple

	minOccurs:	0
	maxOccurs:	1
Source	<xsd:element name="ImageURL" type="spase:ImageURL" minOccurs="0" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Annotation / spase:AnnotationType

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class AnnotationType class spase.AnnotationType { <<AnnotationType>> } AnnotationType < -- spase.AnnotationType </pre>	
Type	spase:AnnotationType	
Properties	content: simple minOccurs: 1 maxOccurs: 1	
Facets	enumeration Anomaly enumeration Event enumeration Feature	
Source	<xsd:element name="AnnotationType" type="spase:AnnotationType" minOccurs="1" maxOccurs="1"/>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Element spase:Annotation / spase:PhenomenonType

Namespace	http://www.spase-group.org/data/schema	
Diagram	<pre> classDiagram class PhenomenonType class spase.PhenomenonType { <<PhenomenonType>> } PhenomenonType < -- spase.PhenomenonType </pre>	
Type	spase:PhenomenonType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	enumeration ActiveRegion enumeration Aurora enumeration BowShockCrossing enumeration CoronalHole enumeration CoronalMassEjection enumeration EITWave enumeration EnergeticSolarParticleEvent enumeration ForbushDecrease enumeration GeomagneticStorm enumeration InterplanetaryShock enumeration MagneticCloud enumeration MagnetopauseCrossing enumeration RadioBurst enumeration SectorBoundaryCrossing enumeration SolarFlare enumeration SolarWindExtreme enumeration StreamInteractionRegion enumeration Substorm	
Source	<xsd:element name="PhenomenonType" type="spase:PhenomenonType" minOccurs="0" maxOccurs="1"/>	

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Element spase:Annotation / spase:ClassificationMethod

Namespace	http://www.spase-group.org/data/schema						
Diagram	<pre> classDiagram class ClassificationMethod { <<spase:ClassificationMethod>> } ClassificationMethod "0..1" --> "0..1" ClassificationMethod </pre>						
Type	spase:ClassificationMethod						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Automatic</td> </tr> <tr> <td>enumeration</td> <td>Inferred</td> </tr> <tr> <td>enumeration</td> <td>Inspection</td> </tr> </table>	enumeration	Automatic	enumeration	Inferred	enumeration	Inspection
enumeration	Automatic						
enumeration	Inferred						
enumeration	Inspection						
Source	<xsd:element name="ClassificationMethod" type="spase:ClassificationMethod" minOccurs="0" maxOccurs="1"/>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Element spase:Annotation / spase:ConfidenceRating

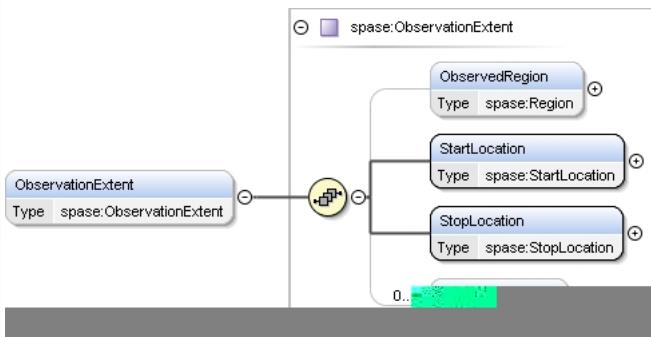
Namespace	http://www.spase-group.org/data/schema								
Diagram	<pre> classDiagram class ConfidenceRating { <<spase:ConfidenceRating>> } ConfidenceRating "0..1" --> "0..1" ConfidenceRating </pre>								
Type	spase:ConfidenceRating								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1		
content:	simple								
minOccurs:	0								
maxOccurs:	1								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Probable</td> </tr> <tr> <td>enumeration</td> <td>Strong</td> </tr> <tr> <td>enumeration</td> <td>Unlikely</td> </tr> <tr> <td>enumeration</td> <td>Weak</td> </tr> </table>	enumeration	Probable	enumeration	Strong	enumeration	Unlikely	enumeration	Weak
enumeration	Probable								
enumeration	Strong								
enumeration	Unlikely								
enumeration	Weak								
Source	<xsd:element name="ConfidenceRating" type="spase:ConfidenceRating" minOccurs="0" maxOccurs="1"/>								
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd								

Element spase:Annotation / spase:TimeSpan

Namespace	http://www.spase-group.org/data/schema				
Diagram	<pre> classDiagram class TimeSpan { <<spase:TimeSpan>> } TimeSpan "0..1" --> "0..1" StartDate : spase:StartDate TimeSpan "0..1" --> "0..1" StopDate : spase:StopDate TimeSpan "0..1" --> "0..1" RelativeStopDate : spase:RelativeStopDate TimeSpan "0..1" --> "0..1" Note : spase>Note </pre>				
Type	spase:TimeSpan				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs: unbounded
Model	spase:StartDate , (spase:StopDate spase:RelativeStopDate) , spase:Note*
Children	spase:Note, spase:RelativeStopDate, spase:StartDate, spase:StopDate
Instance	<pre><spase:TimeSpan xmlns:spase="http://www.spase-group.org/data/schema"> <spase:StartDate>{1,1}</spase:StartDate> <spase:StopDate>{1,1}</spase:StopDate> <spase:RelativeStopDate>{1,1}</spase:RelativeStopDate> <spase:Note>{0,unbounded}</spase:Note> </spase:TimeSpan></pre>
Source	<pre><xsd:element name="TimeSpan" type="spase:TimeSpan" minOccurs="0" maxOccurs="unbounded" /></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Annotation / spase:ObservationExtent

Namespace	http://www.spase-group.org/data/schema						
Diagram							
Type	spase:ObservationExtent						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	spase:ObservedRegion{0,1} , spase:StartLocation , spase:StopLocation , spase:Note*						
Children	spase:Note, spase:ObservedRegion, spase:StartLocation, spase:StopLocation						
Instance	<pre><spase:ObservationExtent xmlns:spase="http://www.spase-group.org/data/schema"> <spase:ObservedRegion>{0,1}</spase:ObservedRegion> <spase:StartLocation>{1,1}</spase:StartLocation> <spase:StopLocation>{1,1}</spase:StopLocation> <spase:Note>{0,unbounded}</spase:Note> </spase:ObservationExtent></pre>						
Source	<pre><xsd:element name="ObservationExtent" type="spase:ObservationExtent" minOccurs="0" maxOccurs="unbounded" /></pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

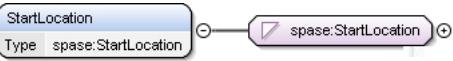
Element spase:ObservationExtent / spase:ObservedRegion

Namespace	http://www.spase-group.org/data/schema								
Diagram									
Type	spase:Region								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1		
content:	simple								
minOccurs:	0								
maxOccurs:	1								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Asteroid</td> </tr> <tr> <td>enumeration</td> <td>Comet</td> </tr> <tr> <td>enumeration</td> <td>Earth</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosheath</td> </tr> </table>	enumeration	Asteroid	enumeration	Comet	enumeration	Earth	enumeration	Earth.Magnetosheath
enumeration	Asteroid								
enumeration	Comet								
enumeration	Earth								
enumeration	Earth.Magnetosheath								

enumeration	Earth.Magnetosphere
enumeration	Earth.Magnetosphere.Magnetotail
enumeration	Earth.Magnetosphere.Main
enumeration	Earth.Magnetosphere.Polar
enumeration	Earth.Magnetosphere.RadiationBelt
enumeration	Earth.Moon
enumeration	Earth.NearSurface
enumeration	Earth.NearSurface.Atmosphere
enumeration	Earth.NearSurface.AuroralRegion
enumeration	Earth.NearSurface.EquatorialRegion
enumeration	Earth.NearSurface.Ionosphere
enumeration	Earth.NearSurface.Ionosphere.DRegion
enumeration	Earth.NearSurface.Ionosphere.ERegion
enumeration	Earth.NearSurface.Ionosphere.FRegion
enumeration	Earth.NearSurface.Ionosphere.Topside
enumeration	Earth.NearSurface.Mesosphere
enumeration	Earth.NearSurface.Plasmasphere
enumeration	Earth.NearSurface.PolarCap
enumeration	Earth.NearSurface.SouthAtlanticAnomalyRegion
enumeration	Earth.NearSurface.Stratosphere
enumeration	Earth.NearSurface.Thermosphere
enumeration	Earth.NearSurface.Troposphere
enumeration	Earth.Surface
enumeration	Heliosphere
enumeration	Heliosphere.Heliosheath
enumeration	Heliosphere.Inner
enumeration	Heliosphere.NearEarth
enumeration	Heliosphere.Outer
enumeration	Heliosphere.Remote1AU
enumeration	Interstellar
enumeration	Jupiter
enumeration	Mars
enumeration	Mercury
enumeration	Neptune
enumeration	Pluto
enumeration	Saturn
enumeration	Sun
enumeration	Sun.Chromosphere
enumeration	Sun.Corona
enumeration	Sun.Interior
enumeration	Sun.Photosphere
enumeration	Sun.TransitionRegion
enumeration	Uranus
enumeration	Venus
Source	<xsd:element name="ObservedRegion" type="spase:Region" minOccurs="0" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:ObservationExtent / spase:StartLocation

Namespace	http://www.spase-group.org/data/schema
-----------	--

Diagram	
Type	spase:StartLocation
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="StartLocation" type="spase:StartLocation" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

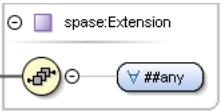
Element spase:ObservationExtent / spase:StopLocation

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:StopLocation
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Source	<xsd:element name="StopLocation" type="spase:StopLocation" minOccurs="1" maxOccurs="1"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:ObservationExtent / spase:Note

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Note
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Source	<xsd:element name="Note" type="spase:Note" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Element spase:Annotation / spase:Extension

Namespace	http://www.spase-group.org/data/schema
Diagram	
Type	spase:Extension
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	ANY element from ANY namespace
Source	<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type(s)

Complex Type `spase:Spase`

Namespace	http://www.spase-group.org/data/schema										
Annotations	Space Physics Archive Search and Extract (SPASE). The outermost container or envelope for SPASE metadata. This indicates the start of the SPASE metadata.										
Diagram	<pre> classDiagram class Spase { @ lang : xsd:string } class Version { Catalog DisplayData NumericalData Document Granule Instrument Observatory Person Registry Repository Service Annotation } Spase < -- Version Version < -- Catalog Version < -- DisplayData Version < -- NumericalData Version < -- Document Version < -- Granule Version < -- Instrument Version < -- Observatory Version < -- Person Version < -- Registry Version < -- Repository Version < -- Service Version < -- Annotation </pre>										
Used by	Element <code>spase:Spase</code>										
Model	<code>spase:Version</code> , (<code>spase:Catalog</code> <code>spase:DisplayData</code> <code>spase:NumericalData</code> <code>spase:Document</code> <code>spase:Granule</code> <code>spase:Instrument</code> <code>spase:Observatory</code> <code>spase:Person</code> <code>spase:Registry</code> <code>spase:Repository</code> <code>spase:Service</code> <code>spase:Annotation</code>)										
Children	<code>spase:Annotation</code> , <code>spase:Catalog</code> , <code>spase:DisplayData</code> , <code>spase:Document</code> , <code>spase:Granule</code> , <code>spase:Instrument</code> , <code>spase:NumericalData</code> , <code>spase:Observatory</code> , <code>spase:Person</code> , <code>spase:Registry</code> , <code>spase:Repository</code> , <code>spase:Service</code> , <code>spase:Version</code>										
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>spase:lang</code></td> <td>xsd:string</td> <td>en</td> <td>optional</td> </tr> </tbody> </table>			QName	Type	Default	Use	<code>spase:lang</code>	xsd:string	en	optional
QName	Type	Default	Use								
<code>spase:lang</code>	xsd:string	en	optional								
Source	<pre> <xsd:complexType name="Spase"> <xsd:annotation> <xsd:documentation xml:lang="en">Space Physics Archive Search and Extract (SPASE). The outermost container or envelope for SPASE metadata. This indicates the start of the SPASE metadata.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Version" type="spase:Version" minOccurs="1" maxOccurs="1"/> <xsd:choice minOccurs="1" maxOccurs="unbounded"> <xsd:element name="Catalog" type="spase:Catalog" /> </pre>										

	<pre> <xsd:element name="DisplayData" type="spase:DisplayData"/> <xsd:element name="NumericalData" type="spase:NumericalData"/> <xsd:element name="Document" type="spase:Document"/> <xsd:element name="Granule" type="spase:Granule"/> <xsd:element name="Instrument" type="spase:Instrument"/> <xsd:element name="Observatory" type="spase:Observatory"/> <xsd:element name="Person" type="spase:Person"/> <xsd:element name="Registry" type="spase:Registry"/> <xsd:element name="Repository" type="spase:Repository"/> <xsd:element name="Service" type="spase:Service"/> <xsd:element name="Annotation" type="spase:Annotation"/> </xsd:choice> </xsd:sequence> <xsd:attribute name="lang" type="xsd:string" default="en"/> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Catalog

Namespace	http://www.spase-group.org/data/schema
Annotations	A tabular listing of events or observational notes, especially those that have utility in aiding a user in locating data. Catalogs include lists of events, files in a product, and data availability. A Catalog resource is a type of "data product" which is a set of data that is uniformly processed and formatted, from one or more instruments, typically spanning the full duration of the observations of the relevant instrument(s). A data product may consist of a collection of granules of successive time spans, but may be a single high-level entity.
Diagram	 <pre> classDiagram class spase:ResourceID { Type } </pre>
Used by	Element spase:Spase/spase:Catalog

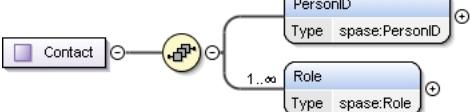
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:ProviderResourceName{0,1} , spase:ProviderVersion{0,1} , spase:InstrumentID* , spase:PhenomenonType+ , spase:TimeSpan{0,1} , spase:Caveats{0,1} , spase:Keyword* , spase:InputResourceID* , spase:Parameter* , spase:Extension*
Children	spase:AccessInformation, spase:Caveats, spase:Extension, spase:InputResourceID, spase:InstrumentID, spase:Keyword, spase:Parameter, spase:PhenomenonType, spase:ProviderResourceName, spase:ProviderVersion, spase:ResourceHeader, spase:ResourceID, spase:TimeSpan
Source	<pre> <xsd:complexType name="Catalog"> <xsd:annotation> <xsd:documentation xml:lang="en">A tabular listing of events or observational notes, especially those that have utility in aiding a user in locating data. Catalogs include lists of events, files in a product, and data availability. A Catalog resource is a type of "data product" which is a set of data that is uniformly processed and formatted, from one or more instruments, typically spanning the full duration of the observations of the relevant instrument(s). A data product may consist of a collection of granules of successive time spans, but may be a single high-level entity.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="ProviderResourceName" type="spase:ProviderResourceName" minOccurs="0" maxOccurs="1"/> <xsd:element name="ProviderVersion" type="spase:ProviderVersion" minOccurs="0" maxOccurs="1"/> <xsd:element name="InstrumentID" type="spase:InstrumentID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="PhenomenonType" type="spase:PhenomenonType" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="TimeSpan" type="spase:TimeSpan" minOccurs="0" maxOccurs="1"/> <xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/> <xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Parameter" type="spase:Parameter" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:ResourceHeader

Namespace	http://www.spase-group.org/data/schema
Annotations	Attributes of a resource which pertain to the provider of the resource and descriptive information about the resource.
Diagram	<pre> classDiagram class ResourceName { <<Type spase:ResourceName>> } ResourceName < -- spase:ResourceName </pre>

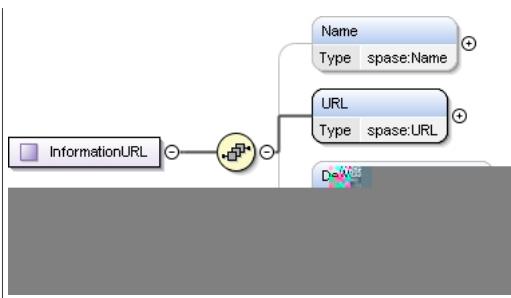
Used by	Elements spase:Annotation/spase:ResourceHeader, spase:Catalog/spase:ResourceHeader, spase:DisplayData/ spase:ResourceHeader, spase:Document/spase:ResourceHeader, spase:Instrument/ spase:ResourceHeader, spase:NumericalData/spase:ResourceHeader, spase:Observatory/ spase:ResourceHeader, spase:Registry/spase:ResourceHeader, spase:Repository/spase:ResourceHeader, spase:Service/spase:ResourceHeader
Model	spase:ResourceName , spase:AlternateName* , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:Description , spase:Acknowledgement{0,1} , spase:Contact+ , spase:InformationURL* , spase:Association* , spase:PriorID*
Children	spase:Acknowledgement, spase:AlternateName, spase:Association, spase:Contact, spase:Description, spase:ExpirationDate, spase:InformationURL, spase:PriorID, spase:ReleaseDate, spase:ResourceName
Source	<pre><xsd:complexType name="ResourceHeader"> <xsd:annotation> <xsd:documentation xml:lang="en">Attributes of a resource which pertain to the provider of the resource and descriptive information about the resource.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceName" type="spase:ResourceName" minOccurs="1" maxOccurs="1"/> <xsd:element name="AlternateName" type="spase:AlternateName" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="ReleaseDate" type="spase:ReleaseDate" minOccurs="1" maxOccurs="1"/> <xsd:element name="ExpirationDate" type="spase:ExpirationDate" minOccurs="0" maxOccurs="1"/> <xsd:element name="Description" type="spase:Description" minOccurs="1" maxOccurs="1"/> <xsd:element name="Acknowledgement" type="spase:Acknowledgement" minOccurs="0" maxOccurs="1"/> <xsd:element name="Contact" type="spase:Contact" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="InformationURL" type="spase:InformationURL" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Association" type="spase:Association" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="PriorID" type="spase:PriorID" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Contact

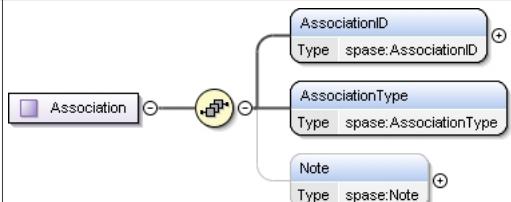
Namespace	http://www.spase-group.org/data/schema
Annotations	The person or organization who may be able to provide special assistance or serve as a channel for communication for additional information about a resource.
Diagram	 A UML Class Diagram fragment. A class named "Contact" is shown with two associations. One association, labeled "PersonID", connects to a class named "PersonID" with multiplicity "1..1" and "Type spase:PersonID". The other association, labeled "Role", connects to a class named "Role" with multiplicity "1..∞" and "Type spase:Role". Both associations have a hollow diamond at their end connected to the "Contact" class, indicating it is a generalization point.
Used by	Element spase:ResourceHeader/spase:Contact
Model	spase:PersonID , spase:Role+
Children	spase:PersonID, spase:Role
Source	<pre><xsd:complexType name="Contact"> <xsd:annotation> <xsd:documentation xml:lang="en">The person or organization who may be able to provide special assistance or serve as a channel for communication for additional information about a resource.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="PersonID" type="spase:PersonID" minOccurs="1" maxOccurs="1"/> <xsd:element name="Role" type="spase:Role" minOccurs="1" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:InformationURL

Namespace	http://www.spase-group.org/data/schema
Annotations	Attributes of the method of acquiring additional information.

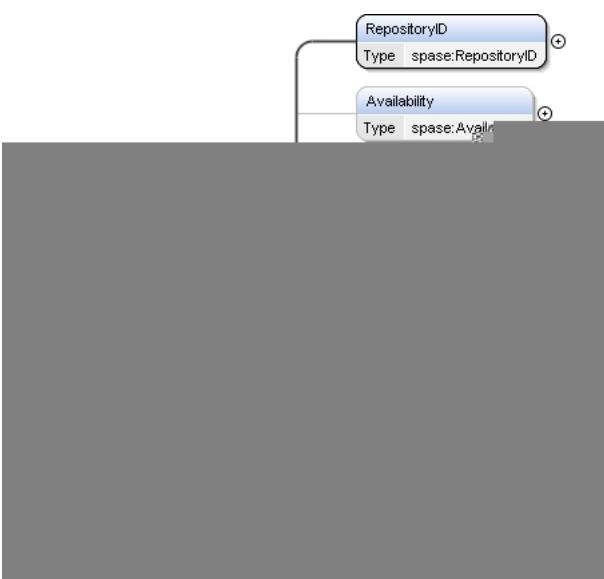
Diagram	
Used by	Element spase:ResourceHeader/spase:InformationURL
Model	spase:Name{0,1} , spase:URL , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:URL
Source	<pre><xsd:complexType name="InformationURL"> <xsd:annotation> <xsd:documentation xml:lang="en">Attributes of the method of acquiring additional information.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Name" type="spase:Name" minOccurs="0" maxOccurs="1"/> <xsd:element name="URL" type="spase:URL" minOccurs="1" maxOccurs="1"/> <xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/> <xsd:element name="Language" type="spase:Language" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Association

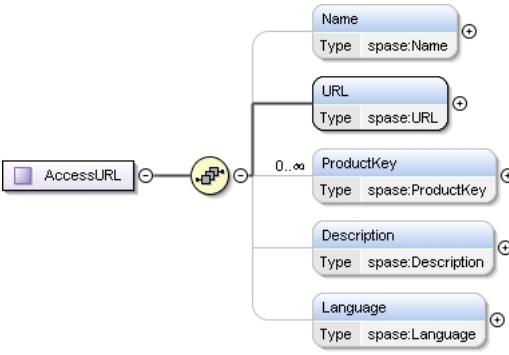
Namespace	http://www.spase-group.org/data/schema
Annotations	Attributes of a relationship a resource has with another resource.
Diagram	
Used by	Element spase:ResourceHeader/spase:Association
Model	spase:AssociationID , spase:AssociationType , spase:Note{0,1}
Children	spase:AssociationID, spase:AssociationType, spase:Note
Source	<pre><xsd:complexType name="Association"> <xsd:annotation> <xsd:documentation xml:lang="en">Attributes of a relationship a resource has with another resource.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="AssociationID" type="spase:AssociationID" minOccurs="1" maxOccurs="1"/> <xsd:element name="AssociationType" type="spase:AssociationType" minOccurs="1" maxOccurs="1"/> <xsd:element name="Note" type="spase:Note" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:AccessInformation

Namespace	http://www.spase-group.org/data/schema
Annotations	Attributes of the resource which pertain to how to accessing the resource, availability and storage format.

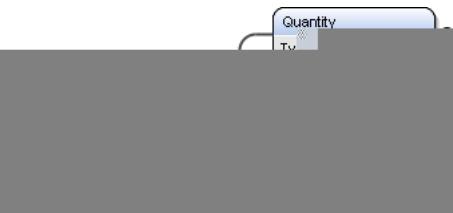
Diagram	
Used by	Elements spase:Catalog/spase:AccessInformation, spase:DisplayData/spase:AccessInformation, spase:Document/ spase:AccessInformation, spase:NumericalData/spase:AccessInformation
Model	spase:RepositoryID , spase:Availability{0,1} , spase:AccessRights{0,1} , spase:AccessURL+ , spase:Format , spase:Encoding{0,1} , spase:DataExtent{0,1} , spase:Acknowledgement{0,1}
Children	spase:AccessRights, spase:AccessURL, spase:Acknowledgement, spase:Availability, spase:DataExtent, spase:Encoding, spase:Format, spase:RepositoryID
Source	<pre> <xsd:complexType name="AccessInformation"> <xsd:annotation> <xsd:documentation xml:lang="en">Attributes of the resource which pertain to how to accessing the resource, availability and storage format.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="RepositoryID" type="spase:RepositoryID" minOccurs="1" maxOccurs="1"/> <xsd:element name="Availability" type="spase:Availability" minOccurs="0" maxOccurs="1"/> <xsd:element name="AccessRights" type="spase:AccessRights" minOccurs="0" maxOccurs="1"/> <xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="Format" type="spase:Format" minOccurs="1" maxOccurs="1"/> <xsd:element name="Encoding" type="spase:Encoding" minOccurs="0" maxOccurs="1"/> <xsd:element name="DataExtent" type="spase:DataExtent" minOccurs="0" maxOccurs="1"/> <xsd:element name="Acknowledgement" type="spase:Acknowledgement" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:AccessURL

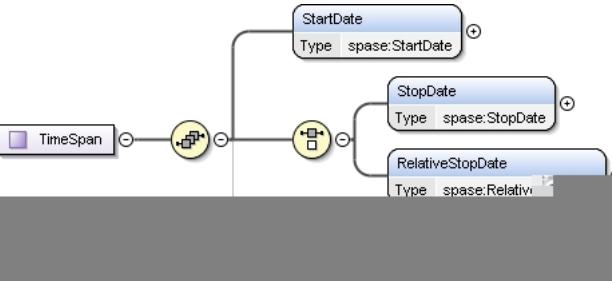
Namespace	http://www.spase-group.org/data/schema
Annotations	Attributes of the method for accessing a resource including a URL, name and description.
Diagram	
Used by	Elements spase:AccessInformation/spase:AccessURL, spase:Registry/spase:AccessURL, spase:Repository/ spase:AccessURL, spase:Service/spase:AccessURL

Model	spase:Name{0,1} , spase:URL , spase:ProductKey* , spase:Description{0,1} , spase:Language{0,1}
Children	spase:Description, spase:Language, spase:Name, spase:ProductKey, spase:URL
Source	<pre><xsd:complexType name="AccessURL"> <xsd:annotation> <xsd:documentation xml:lang="en">Attributes of the method for accessing a resource including a URL, name and description.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Name" type="spase:Name" minOccurs="0" maxOccurs="1"/> <xsd:element name="URL" type="spase:URL" minOccurs="1" maxOccurs="1"/> <xsd:element name="ProductKey" type="spase:ProductKey" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/> <xsd:element name="Language" type="spase:Language" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:DataExtent

Namespace	http://www.spase-group.org/data/schema
Annotations	The area of storage in a file system required to store the contents of a resource. The default units for data extent is bytes.
Diagram	
Used by	Elements spase:AccessInformation/spase:DataExtent, spase:Source/spase:DataExtent
Model	spase:Quantity , spase:Units{0,1} , spase:Per{0,1}
Children	spase:Per, spase:Quantity, spase:Units
Source	<pre><xsd:complexType name="DataExtent"> <xsd:annotation> <xsd:documentation xml:lang="en">The area of storage in a file system required to store the contents of a resource. The default units for data extent is bytes.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Quantity" type="spase:Quantity" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="0" maxOccurs="1"/> <xsd:element name="Per" type="spase:Per" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:TimeSpan

Namespace	http://www.spase-group.org/data/schema
Annotations	The duration of an interval in time.
Diagram	
Used by	Elements spase:Annotation/spase:TimeSpan, spase:Catalog/spase:TimeSpan, spase:TemporalDescription/spase:TimeSpan

Model	spase:StartDate , (spase:StopDate spase:RelativeStopDate) , spase:Note*
Children	spase:Note, spase:RelativeStopDate, spase:StartDate, spase:StopDate
Source	<pre><xsd:complexType name="TimeSpan"> <xsd:annotation> <xsd:documentation xml:lang="en">The duration of an interval in time.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="StartDate" type="spase:StartDate" minOccurs="1" maxOccurs="1"/> <xsd:choice minOccurs="1" maxOccurs="1"> <xsd:element name="StopDate" type="spase:StopDate"/> <xsd:element name="RelativeStopDate" type="spase:RelativeStopDate"/> </xsd:choice> <xsd:element name="Note" type="spase:Note" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Parameter

Namespace	http://www.spase-group.org/data/schema
Annotations	A container of information regarding a parameter whose values are part of the product. Every product contains or can be related to one or more parameters.

Diagram



Used by	Elements spase:Catalog/spase:Parameter, spase:DisplayData/spase:Parameter, spase:NumericalData/ spase:Parameter
Model	spase:Name , spase:Set*, spase:ParameterKey{0,1} , spase:Description{0,1} , spase:Caveats{0,1} , spase:Cadence{0,1} , spase:Units{0,1} , spase:UnitsConversion{0,1} , spase:CoordinateSystem{0,1} , spase:RenderingHints* , spase:Structure{0,1} , spase:ValidMin{0,1} , spase:ValidMax{0,1} , spase:FieldValue{0,1} , (spase:Field spase:Particle spase:Wave spase:Mixed spase:Support)
Children	spase:Cadence, spase:Caveats, spase:CoordinateSystem, spase:Description, spase:Field, spase:FieldValue, spase:Mixed, spase:Name, spase:ParameterKey, spase:Particle, spase:RenderingHints, spase:Set, spase:Structure, spase:Support, spase:Units, spase:UnitsConversion, spase:ValidMax, spase:ValidMin, spase:Wave
Source	<pre> <xsd:complexType name="Parameter"> <xsd:annotation> <xsd:documentation xml:lang="en">A container of information regarding a parameter whose values are part of the product. Every product contains or can be related to one or more parameters.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Name" type="spase:Name" minOccurs="1" maxOccurs="1"/> </pre>

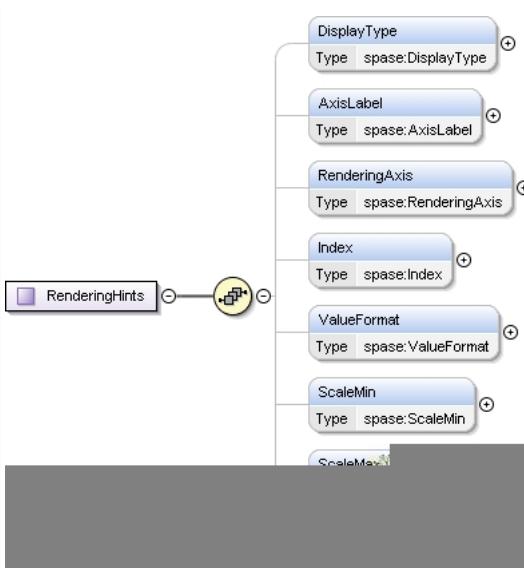
	<pre> <xsd:element name="Set" type="spase:Set" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="ParameterKey" type="spase:ParameterKey" minOccurs="0" maxOccurs="1"/> <xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/> <xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/> <xsd:element name="Cadence" type="spase:Cadence" minOccurs="0" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="0" maxOccurs="1"/> <xsd:element name="UnitsConversion" type="spase:UnitsConversion" minOccurs="0" maxOccurs="1"/> <xsd:element name="CoordinateSystem" type="spase:CoordinateSystem" minOccurs="0" maxOccurs="1"/> <xsd:element name="RenderingHints" type="spase:RenderingHints" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Structure" type="spase:Structure" minOccurs="0" maxOccurs="1"/> <xsd:element name="ValidMin" type="spase:ValidMin" minOccurs="0" maxOccurs="1"/> <xsd:element name="ValidMax" type="spase:ValidMax" minOccurs="0" maxOccurs="1"/> <xsd:element name="FillValue" type="spase:FillValue" minOccurs="0" maxOccurs="1"/> <xsd:choice minOccurs="1" maxOccurs="1"> <xsd:element name="Field" type="spase:Field"/> <xsd:element name="Particle" type="spase:Particle"/> <xsd:element name="Wave" type="spase:Wave"/> <xsd:element name="Mixed" type="spase:Mixed"/> <xsd:element name="Support" type="spase:Support"/> </xsd:choice> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:CoordinateSystem

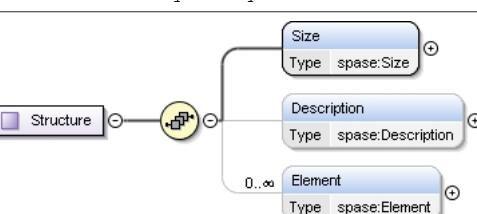
Namespace	http://www.spase-group.org/data/schema
Annotations	The specification of the orientation of a set of (typically) orthogonal base axes.
Diagram	
Used by	Element spase:Parameter/spase:CoordinateSystem
Model	spase:CoordinateRepresentation , spase:CoordinateSystemName
Children	spase:CoordinateRepresentation, spase:CoordinateSystemName
Source	<pre> <xsd:complexType name="CoordinateSystem"> <xsd:annotation> <xsd:documentation xml:lang="en">The specification of the orientation of a set of (typically) orthogonal base axes.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="CoordinateRepresentation" type="spase:CoordinateRepresentation" minOccurs="1" maxOccurs="1"/> <xsd:element name="CoordinateSystemName" type="spase:CoordinateSystemName" minOccurs="1" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:RenderingHints

Namespace	http://www.spase-group.org/data/schema
Annotations	Attributes to aid in the rendering of parameter.

Diagram	
Used by	Elements spase:Element/spase:RenderingHints, spase:Parameter/spase:RenderingHints
Model	spase:DisplayType{0,1} , spase:AxisLabel{0,1} , spase:RenderingAxis{0,1} , spase:Index{0,1} , spase:ValueFormat{0,1} , spase:ScaleMin{0,1} , spase:ScaleMax{0,1} , spase:ScaleType{0,1}
Children	spase:AxisLabel, spase:DisplayType, spase:Index, spase:RenderingAxis, spase:ScaleMax, spase:ScaleMin, spase:ScaleType, spase:ValueFormat
Source	<pre><xsd:complexType name="RenderingHints"> <xsd:annotation> <xsd:documentation xml:lang="en">Attributes to aid in the rendering of parameter.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="DisplayType" type="spase:DisplayType" minOccurs="0" maxOccurs="1"/> <xsd:element name="AxisLabel" type="spase:AxisLabel" minOccurs="0" maxOccurs="1"/> <xsd:element name="RenderingAxis" type="spase:RenderingAxis" minOccurs="0" maxOccurs="1"/> <xsd:element name="Index" type="spase:Index" minOccurs="0" maxOccurs="1"/> <xsd:element name="ValueFormat" type="spase:ValueFormat" minOccurs="0" maxOccurs="1"/> <xsd:element name="ScaleMin" type="spase:ScaleMin" minOccurs="0" maxOccurs="1"/> <xsd:element name="ScaleMax" type="spase:ScaleMax" minOccurs="0" maxOccurs="1"/> <xsd:element name="ScaleType" type="spase:ScaleType" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Structure

Namespace	http://www.spase-group.org/data/schema
Annotations	The organization and relationship of individual values within a quantity.
Diagram	
Used by	Element spase:Parameter/spase:Structure
Model	spase:Size , spase:Description{0,1} , spase:Element*
Children	spase:Description, spase:Element, spase:Size
Source	<pre><xsd:complexType name="Structure"> <xsd:annotation> <xsd:documentation xml:lang="en">The organization and relationship of individual values within a quantity.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Size" type="spase:Size" minOccurs="0" maxOccurs="1"/> <xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/> <xsd:element name="Element" type="spase:Element" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>

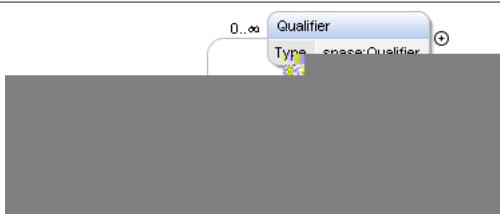
	<pre><xsd:element name="Size" type="spase:Size" minOccurs="1" maxOccurs="1"/> <xsd:element name="Description" type="spase:Description" minOccurs="0" maxOccurs="1"/> <xsd:element name="Element" type="spase:Element" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Element

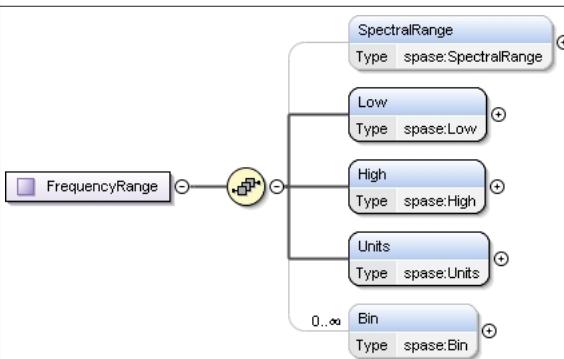
Namespace	http://www.spase-group.org/data/schema
Annotations	A component or individual unit of a multiple value quantity such as an array or vector.
Diagram	<pre> classDiagram class Element class Name { <<spase:Name>> } class Qualifier { <<spase:Qualifier>> } class Index { <<spase:Index>> } class ParameterKey { <<spase:ParameterKey>> } class Units { <<spase:Units>> } class UnitsConversion { <<spase:UnitsConversion>> } class ValidMin { <<spase:ValidMin>> } class ValidMax { <<spase:ValidMax>> } class FillValue { <<spase:FillValue>> } class RenderingHints { <<spase:RenderingHints>> } Element < -- Name Element < -- Qualifier Element < -- Index Element < -- ParameterKey Element < -- Units Element < -- UnitsConversion Element < -- ValidMin Element < -- ValidMax Element < -- FillValue Element < -- RenderingHints </pre>
Used by	Element spase:Structure/spase:Element
Model	spase:Name , spase:Qualifier*, spase:Index , spase:ParameterKey{0,1} , spase:Units{0,1} , spase:UnitsConversion{0,1} , spase:ValidMin{0,1} , spase:ValidMax{0,1} , spase:FillValue{0,1} , spase:RenderingHints{0,1}
Children	spase:FieldValue, spase:Index, spase:Name, spase:ParameterKey, spase:Qualifier, spase:RenderingHints, spase:Units, spase:UnitsConversion, spase:ValidMax, spase:ValidMin
Source	<pre> <xsd:complexType name="Element"> <xsd:annotation> <xsd:documentation xml:lang="en">A component or individual unit of a multiple value quantity such as an array or vector.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Name" type="spase:Name" minOccurs="1" maxOccurs="1"/> <xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Index" type="spase:Index" minOccurs="1" maxOccurs="1"/> <xsd:element name="ParameterKey" type="spase:ParameterKey" minOccurs="0" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="0" maxOccurs="1"/> <xsd:element name="UnitsConversion" type="spase:UnitsConversion" minOccurs="0" maxOccurs="1"/> <xsd:element name="ValidMin" type="spase:ValidMin" minOccurs="0" maxOccurs="1"/> <xsd:element name="ValidMax" type="spase:ValidMax" minOccurs="0" maxOccurs="1"/> <xsd:element name="FieldValue" type="spase:FieldValue" minOccurs="0" maxOccurs="1"/> <xsd:element name="RenderingHints" type="spase:RenderingHints" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Field

Namespace	http://www.spase-group.org/data/schema
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Annotations	The space around a radiating body within which its electromagnetic attributes can exert force on another similar body that is not in direct contact.
Diagram	
Used by	Element spase:Parameter/spase:Field
Model	spase:Qualifier*, spase:FieldQuantity , spase:FrequencyRange{0,1}
Children	spase:FieldQuantity, spase:FrequencyRange, spase:Qualifier
Source	<pre> <xsd:complexType name="Field"> <xsd:annotation> <xsd:documentation xml:lang="en">The space around a radiating body within which its electromagnetic attributes can exert force on another similar body that is not in direct contact.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="FieldQuantity" type="spase:FieldQuantity" minOccurs="1" maxOccurs="1"/> <xsd:element name="FrequencyRange" type="spase:FrequencyRange" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

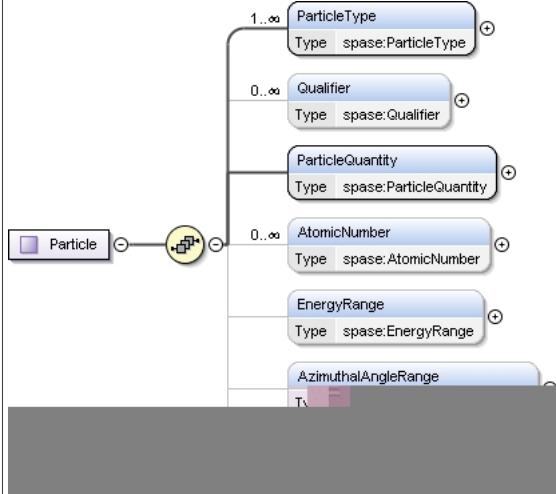
Complex Type spase:FrequencyRange

Namespace	http://www.spase-group.org/data/schema
Annotations	The range of possible values for the observed frequency.
Diagram	
Used by	Elements spase:Field/spase:FrequencyRange, spase:Wave/spase:FrequencyRange
Model	spase:SpectralRange{0,1} , spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:SpectralRange, spase:Units
Source	<pre> <xsd:complexType name="FrequencyRange"> <xsd:annotation> <xsd:documentation xml:lang="en">The range of possible values for the observed frequency.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="1"/> <xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/> <xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Bin

Namespace	http://www.spase-group.org/data/schema
Annotations	A grouping of observations according to a band or window of a common attribute.
Diagram	
Used by	Elements spase:AzimuthalAngleRange/spase:Bin, spase:EnergyRange/spase:Bin, spase:FrequencyRange/spase:Bin, spase:PolarAngleRange/spase:Bin, spase:WavelengthRange/spase:Bin
Model	spase:BandName{0,1} , spase:Low , spase:High
Children	spase:BandName, spase:High, spase:Low
Source	<pre> <xsd:complexType name="Bin"> <xsd:annotation> <xsd:documentation xml:lang="en">A grouping of observations according to a band or window of a common attribute.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="BandName" type="spase:BandName" minOccurs="0" maxOccurs="1"/> <xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Particle

Namespace	http://www.spase-group.org/data/schema
Annotations	A description of the types of particles observed in the measurement. This includes both direct observations and inferred observations.
Diagram	
Used by	Element spase:Parameter/spase:Particle
Model	spase:ParticleType+, spase:Qualifier*, spase:ParticleQuantity , spase:AtomicNumber*, spase:EnergyRange{0,1} , spase:AzimuthalAngleRange{0,1} , spase:PolarAngleRange{0,1}
Children	spase:AtomicNumber, spase:AzimuthalAngleRange, spase:EnergyRange, spase:ParticleQuantity, spase:ParticleType, spase:PolarAngleRange, spase:Qualifier
Source	<pre> <xsd:complexType name="Particle"> <xsd:annotation> <xsd:documentation xml:lang="en">A description of the types of particles observed in the measurement. This includes both direct observations and inferred observations.</xsd:documentation></pre>

	<pre> </xsd:annotation> <xsd:sequence> <xsd:element name="ParticleType" type="spase:ParticleType" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="ParticleQuantity" type="spase:ParticleQuantity" minOccurs="1" maxOccurs="1"/> <xsd:element name="AtomicNumber" type="spase:AtomicNumber" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="EnergyRange" type="spase:EnergyRange" minOccurs="0" maxOccurs="1"/> <xsd:element name="AzimuthalAngleRange" type="spase:AzimuthalAngleRange" minOccurs="0" maxOccurs="1"/> <xsd:element name="PolarAngleRange" type="spase:PolarAngleRange" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:EnergyRange

Namespace	http://www.spase-group.org/data/schema
Annotations	The minimum and maximum energy values of the particles represented by a given "physical parameter" description.
Diagram	<pre> classDiagram class EnergyRange { Low High Units Bin } </pre>
Used by	Elements spase:Particle/spase:EnergyRange, spase:Wave/spase:EnergyRange
Model	spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:Units
Source	<pre> <xsd:complexType name="EnergyRange"> <xsd:annotation> <xsd:documentation xml:lang="en">The minimum and maximum energy values of the particles represented by a given "physical parameter" description.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/> <xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:AzimuthalAngleRange

Namespace	http://www.spase-group.org/data/schema
Annotations	The range of possible azimuthal angles for a group of energy observations. Default units are degrees.
Diagram	<pre> classDiagram class AzimuthalAngleRange { Low High Units Bin } </pre>
Used by	Element spase:Particle/spase:AzimuthalAngleRange

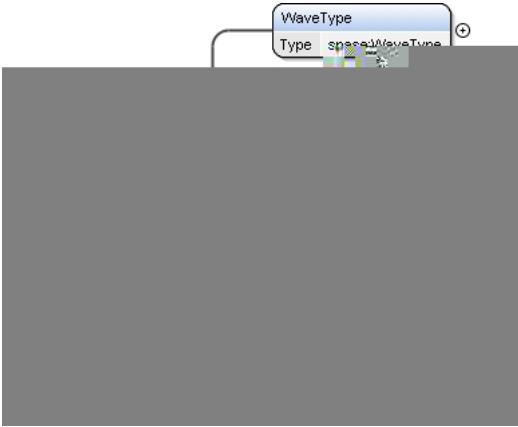
Model	spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:Units
Source	<pre><xsd:complexType name="AzimuthalAngleRange"> <xsd:annotation> <xsd:documentation xml:lang="en">The range of possible azimuthal angles for a group of energy observations. Default units are degrees.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/> <xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:PolarAngleRange

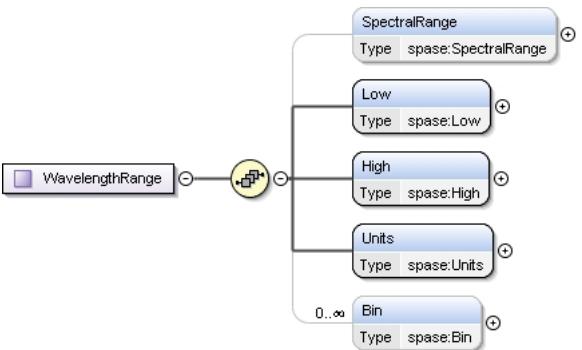
Namespace	http://www.spase-group.org/data/schema
Annotations	The range of possible polar angles for a group of energy observations. Defaults units are degrees.
Diagram	<pre> classDiagram class PolarAngleRange { <<Composite Element>> <<Element>> <<Object>> } class Low { <<Object>> <<Element>> <<Type>> } class High { <<Object>> <<Element>> <<Type>> } class Units { <<Object>> <<Element>> <<Type>> } class Bin { <<Object>> <<Element>> <<Type>> } PolarAngleRange "3" -- "1" Low PolarAngleRange "3" -- "1" High PolarAngleRange "3" -- "1" Units PolarAngleRange "3" -- "1..<<Unbounded>>" Bin </pre>
Used by	Element spase:Particle/spase:PolarAngleRange
Model	spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:Units
Source	<pre><xsd:complexType name="PolarAngleRange"> <xsd:annotation> <xsd:documentation xml:lang="en">The range of possible polar angles for a group of energy observations. Defaults units are degrees.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/> <xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Wave

Namespace	http://www.spase-group.org/data/schema
Annotations	Periodic or quasi-periodic (AC) variations of physical quantities in time and space, capable of propagating or being trapped within particular regimes.

Diagram	
Used by	Element spase:Parameter/spase:Wave
Model	spase:WaveType , spase:Qualifier* , spase:WaveQuantity , spase:EnergyRange{0,1} , spase:FrequencyRange{0,1} , spase:WavelengthRange{0,1}
Children	spase:EnergyRange, spase:FrequencyRange, spase:Qualifier, spase:WaveQuantity, spase:WaveType, spase:WavelengthRange
Source	<pre> <xsd:complexType name="Wave"> <xsd:annotation> <xsd:documentation xml:lang="en">Periodic or quasi-periodic (AC) variations of physical quantities in time and space, capable of propagating or being trapped within particular regimes.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="WaveType" type="spase:WaveType" minOccurs="1" maxOccurs="1"/> <xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="WaveQuantity" type="spase:WaveQuantity" minOccurs="1" maxOccurs="1"/> <xsd:element name="EnergyRange" type="spase:EnergyRange" minOccurs="0" maxOccurs="1"/> <xsd:element name="FrequencyRange" type="spase:FrequencyRange" minOccurs="0" maxOccurs="1"/> <xsd:element name="WavelengthRange" type="spase:WavelengthRange" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:WavelengthRange

Namespace	http://www.spase-group.org/data/schema
Annotations	The range of possible values for the observed wavelength.
Diagram	
Used by	Element spase:Wave/spase:WavelengthRange
Model	spase:SpectralRange{0,1} , spase:Low , spase:High , spase:Units , spase:Bin*
Children	spase:Bin, spase:High, spase:Low, spase:SpectralRange, spase:Units
Source	<pre> <xsd:complexType name="WavelengthRange"> <xsd:annotation> <xsd:documentation xml:lang="en">The range of possible values for the observed wavelength.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="1"/> <xsd:element name="Low" type="spase:Low" minOccurs="1" maxOccurs="1"/> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/> <xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>

	<pre> <xsd:element name="High" type="spase:High" minOccurs="1" maxOccurs="1"/> <xsd:element name="Units" type="spase:Units" minOccurs="1" maxOccurs="1"/> <xsd:element name="Bin" type="spase:Bin" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Mixed

Namespace	http://www.spase-group.org/data/schema
Annotations	A parameter derived from more than one of the type of parameter. For example, plasma beta, the ratio of plasma particle energy density to the energy density of the magnetic field permeating the plasma, is "mixed."
Diagram	<pre> classDiagram class Mixed class MixedQuantity { <<MixedQuantity>> <<Type spase:MixedQuantity>> } class ParticleType { <<ParticleType>> <<Type spase:ParticleType>> } class Qualifier { <<Qualifier>> <<Type spase:Qualifier>> } Mixed < -- MixedQuantity Mixed < -- ParticleType Mixed < -- Qualifier </pre>
Used by	Element spase:Parameter/spase:Mixed
Model	spase:MixedQuantity , spase:ParticleType* , spase:Qualifier*
Children	spase:MixedQuantity, spase:ParticleType, spase:Qualifier
Source	<pre> <xsd:complexType name="Mixed"> <xsd:annotation> <xsd:documentation xml:lang="en">A parameter derived from more than one of the type of parameter. For example, plasma beta, the ratio of plasma particle energy density to the energy density of the magnetic field permeating the plasma, is "mixed."</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="MixedQuantity" type="spase:MixedQuantity" minOccurs="1" maxOccurs="1"/> <xsd:element name="ParticleType" type="spase:ParticleType" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Support

Namespace	http://www.spase-group.org/data/schema
Annotations	Information useful in understanding the context of an observation, typically observed or measured coincidentally with a physical observation.
Diagram	<pre> classDiagram class Support class Qualifier { <<Qualifier>> <<Type spase:Qualifier>> } class SupportQuantity { <<SupportQuantity>> <<Type spase:SupportQuantity>> } Support < -- Qualifier Support < -- SupportQuantity </pre>
Used by	Element spase:Parameter/spase:Support
Model	spase:Qualifier* , spase:SupportQuantity
Children	spase:Qualifier, spase:SupportQuantity
Source	<pre> <xsd:complexType name="Support"> <xsd:annotation> <xsd:documentation xml:lang="en">Information useful in understanding the context of an observation, typically observed or measured coincidentally with a physical observation.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="Qualifier" type="spase:Qualifier" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="SupportQuantity" type="spase:SupportQuantity" minOccurs="1" maxOccurs="1"/> </xsd:sequence> </xsd:complexType> </pre>

Schema
location

file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

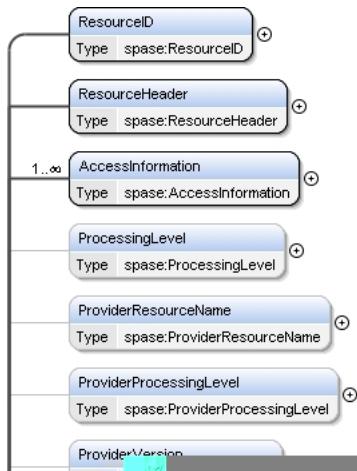
Complex Type spase:Extension

Namespace	http://www.spase-group.org/data/schema
Annotations	A container of other metadata which is not part of the SPASE data model. The contents of this element are defined by individual usage. The organization and content are constrained by the implementation. For example, in an XML representation of the SPASE metadata the content must conform to the XML specifications.
Diagram	
Used by	Elements spase:Annotation/spase:Extension, spase:Catalog/spase:Extension, spase:DisplayData/spase:Extension, spase:Instrument/spase:Extension, spase:NumericalData/spase:Extension, spase:Observatory/spase:Extension, spase:Person/spase:Extension, spase:Registry/spase:Extension, spase:Repository/spase:Extension, spase:Service/spase:Extension
Model	ANY element from ANY namespace
Source	<pre><xsd:complexType name="Extension"> <xsd:annotation> <xsd:documentation xml:lang="en">A container of other metadata which is not part of the SPASE data model. The contents of this element are defined by individual usage. The organization and content are constrained by the implementation. For example, in an XML representation of the SPASE metadata the content must conform to the XML specifications.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:any minOccurs="0" /> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:DisplayData

Namespace	http://www.spase-group.org/data/schema
Annotations	A graphical representation of data wherein the underlying numeric values are not (readily) accessible for analysis.. Examples are line plots and spectrograms. A Display Data resource is a type of "data product" which is a set of data that is uniformly processed and formatted, from one or more instruments, typically spanning the full duration of the observations of the relevant instrument(s). A data product may consist of a collection of granules of successive time spans, but may be a single high-level entity.

Diagram



Used by

Element spase:Spase/spase:DisplayData

Model

spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:ProcessingLevel{0,1} , spase:ProviderResourceName{0,1} , spase:ProviderProcessingLevel{0,1} , spase:ProviderVersion{0,1} , spase:InstrumentID* , spase:MeasurementType+ , spase:TemporalDescription{0,1} , spase:SpectralRange* , spase:DisplayCadence{0,1} , spase:ObservedRegion* , spase:Caveats{0,1} , spase:Keyword* , spase:InputResourceID* , spase:Parameter* , spase:Extension*

Children

spase:AccessInformation, spase:Caveats, spase:DisplayCadence, spase:Extension, spase:InputResourceID, spase:InstrumentID, spase:Keyword, spase:MeasurementType, spase:ObservedRegion, spase:Parameter, spase:ProcessingLevel, spase:ProviderProcessingLevel, spase:ProviderResourceName, spase:ProviderVersion, spase:ResourceHeader, spase:ResourceID, spase:SpectralRange, spase:TemporalDescription

Source

```

<xsd:complexType name="DisplayData">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">A graphical representation of data wherein the underlying numeric values are not (readily) accessible for analysis.. Examples are line plots and spectrograms. A Display Data resource is a type of "data product" which is a set of data that is uniformly processed and formatted, from one or more instruments, typically spanning the full duration of the observations of the relevant instrument(s). A data product may consist of a collection of granules of successive time spans, but may be a single high-level entity.</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/>
  
```

	<pre> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="ProcessingLevel" type="spase:ProcessingLevel" minOccurs="0" maxOccurs="1"/> <xsd:element name="ProviderResourceName" type="spase:ProviderResourceName" minOccurs="0" maxOccurs="1"/> <xsd:element name="ProviderProcessingLevel" type="spase:ProviderProcessingLevel" minOccurs="0" maxOccurs="1"/> <xsd:element name="ProviderVersion" type="spase:ProviderVersion" minOccurs="0" maxOccurs="1"/> <xsd:element name="InstrumentID" type="spase:InstrumentID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="MeasurementType" type="spase:MeasurementType" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="TemporalDescription" type="spase:TemporalDescription" minOccurs="0" maxOccurs="1"/> <xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="DisplayCadence" type="spase:DisplayCadence" minOccurs="0" maxOccurs="1"/> <xsd:element name="ObservedRegion" type="spase:Region" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/> <xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded"/gt; <xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded"/gt; <xsd:element name="Parameter" type="spase:Parameter" minOccurs="0" maxOccurs="unbounded"/gt; <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/gt; </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

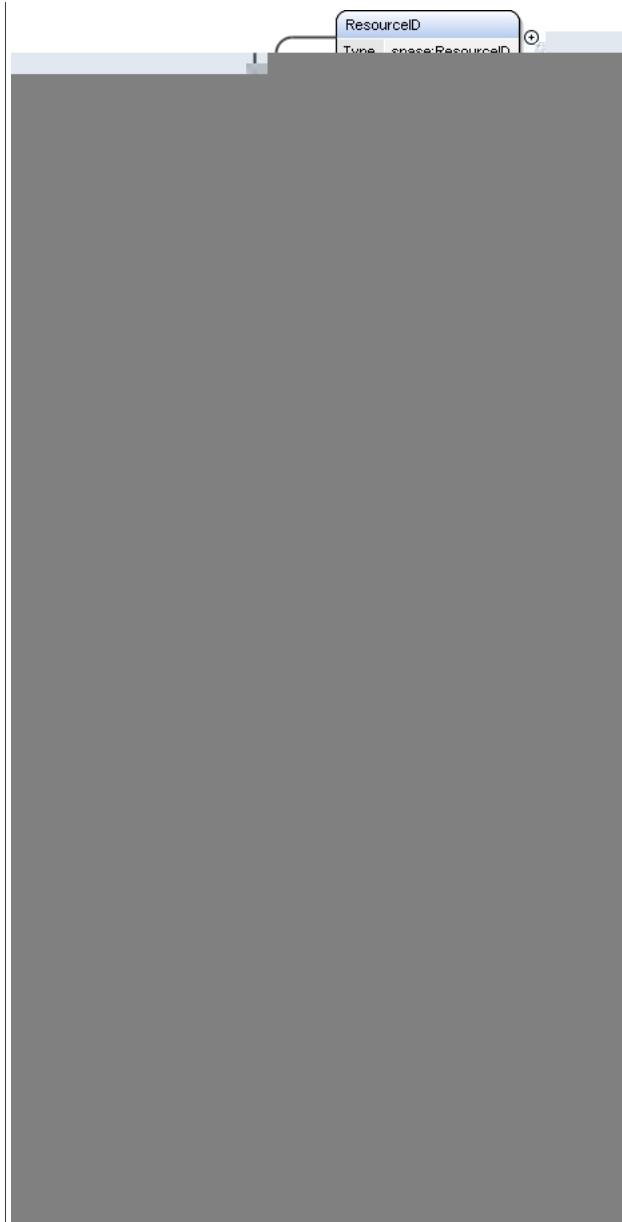
Complex Type spase:TemporalDescription

Namespace	http://www.spase-group.org/data/schema
Annotations	A characterization of the time over which the measurement was taken.
Diagram	<pre> classDiagram class TemporalDescription class TimeSpan class Cadence class Exposure TemporalDescription < -- TimeSpan TemporalDescription < -- Cadence TemporalDescription < -- Exposure </pre>
Used by	Elements spase:DisplayData/spase:TemporalDescription, spase:NumericalData/spase:TemporalDescription
Model	spase:TimeSpan , spase:Cadence{0,1} , spase:Exposure{0,1}
Children	spase:Cadence, spase:Exposure, spase:TimeSpan
Source	<pre> <xsd:complexType name="TemporalDescription"> <xsd:annotation> <xsd:documentation xml:lang="en">A characterization of the time over which the measurement was taken.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="TimeSpan" type="spase:TimeSpan" minOccurs="1" maxOccurs="1"/> <xsd:element name="Cadence" type="spase:Cadence" minOccurs="0" maxOccurs="1"/> <xsd:element name="Exposure" type="spase:Exposure" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:NumericalData

Namespace	http://www.spase-group.org/data/schema
Annotations	Data stored as numerical values in one or more specified formats. A Numerical Data resource is a type of "data product" which is a set of data that is uniformly processed and formatted, from one or more instruments, typically spanning the full duration of the observations of the relevant instrument(s). A data product may consist of Parameters stored in a collection of granules of successive time spans or a single data granule.

Diagram



Used by	Element spase:Spase/spase:NumericalData
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:ProcessingLevel{0,1} , spase:ProviderResourceName{0,1} , spase:ProviderProcessingLevel{0,1} , spase:ProviderVersion{0,1} , spase:InstrumentID* , spase:MeasurementType+ , spase:TemporalDescription{0,1} , spase:SpectralRange* , spase:ObservedRegion* , spase:Caveats{0,1} , spase:Keyword* , spase:InputResourceID* , spase:Parameter* , spase:Extension*
Children	spase:AccessInformation, spase:Caveats, spase:Extension, spase:InputResourceID, spase:InstrumentID, spase:Keyword, spase:MeasurementType, spase:ObservedRegion, spase:Parameter, spase:ProcessingLevel, spase:ProviderProcessingLevel, spase:ProviderResourceName, spase:ProviderVersion, spase:ResourceHeader, spase:ResourceID, spase:SpectralRange, spase:TemporalDescription
Source	<pre> <xsd:complexType name="NumericalData"> <xsd:annotation> <xsd:documentation xml:lang="en">Data stored as numerical values in one or more specified formats. A Numerical Data resource is a type of "data product" which is a set of data that is uniformly processed and formatted, from one or more instruments, typically spanning the full duration of the observations of the relevant instrument(s). A data product may consist of Parameters stored in a collection of granules of successive time spans or a single data granule.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="ProcessingLevel" type="spase:ProcessingLevel" minOccurs="0" maxOccurs="1"/> </pre>

	<pre> <xsd:element name="ProviderResourceName" type="spase:ProviderResourceName" minOccurs="0" maxOccurs="1"/> <xsd:element name="ProviderProcessingLevel" type="spase:ProviderProcessingLevel" minOccurs="0" maxOccurs="1"/> <xsd:element name="ProviderVersion" type="spase:ProviderVersion" minOccurs="0" maxOccurs="1"/> <xsd:element name="InstrumentID" type="spase:InstrumentID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="MeasurementType" type="spase:MeasurementType" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="TemporalDescription" type="spase:TemporalDescription" minOccurs="0" maxOccurs="1"/> <xsd:element name="SpectralRange" type="spase:SpectralRange" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="ObservedRegion" type="spase:Region" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/> <xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Parameter" type="spase:Parameter" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Document

Namespace	http://www.spase-group.org/data/schema
Annotations	A set of information designed and presented as an individual entity. A document may contain plain or formatted text, in-line graphics, sound, other multimedia data, or hypermedia references. A Document resource is intended for use on digital objects that have no other identifier (e.g., DOI or ISBN).
Diagram	<pre> classDiagram class ResourceID { Type spase:ResourceID } class ResourceHeader { Type spase:ResourceHeader } class AccessInformation { Type spase:AccessInformation } ResourceID < -- ResourceHeader ResourceHeader < -- AccessInformation AccessInformation *--> AccessInformation </pre>
Used by	Element spase:Spase/spase:Document
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessInformation+ , spase:Keyword* , spase:DocumentType , spase:MIMEType , spase:InputResourceID*
Children	spase:AccessInformation, spase:DocumentType, spase:InputResourceID, spase:Keyword, spase:MIMEType, spase:ResourceHeader, spase:ResourceID
Source	<pre> <xsd:complexType name="Document"> <xsd:annotation> <xsd:documentation xml:lang="en">A set of information designed and presented as an individual entity. A document may contain plain or formatted text, in-line graphics, sound, other multimedia data, or hypermedia references. A Document resource is intended for use on digital objects that have no other identifier (e.g., DOI or ISBN).</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessInformation" type="spase:AccessInformation" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="Keyword" type="spase:Keyword" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="DocumentType" type="spase:DocumentType" minOccurs="1" maxOccurs="1"/> <xsd:element name="MIMEType" type="spase:MIMEType" minOccurs="1" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>

	<pre> <xsd:element name="InputResourceID" type="spase:InputResourceID" minOccurs="0" maxOccurs="unbounded" /> </xsd:sequence> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Granule

Namespace	http://www.spase-group.org/data/schema
Annotations	<p>An accessible portion of another resource. A Granule may be composed of one or more physical pieces (files) which are considered inseparable. For example, a data storage format that maintains metadata and binary data in separate, but tightly coupled files. Granules should not be used to group files that have simple relationships or which are associated through a parent resource. For example, each file containing a time interval data for a Numerical Data resource would each be considered a Granule. The ParentID of a Granule resource must be a NumericalData resource. The attributes of a Granule supersede the corresponding attributes in the NumericalData resource.</p>
Diagram	<pre> classDiagram class Granule { +ResourceID +ReleaseDate +ExpirationDate -ParentID ?PriorID } </pre>
Used by	Element spase:Spase/spase:Granule
Model	spase:ResourceId , spase:ReleaseDate , spase:ExpirationDate{0,1} , spase:ParentID , spase:PriorID* , spase:StartDate , spase:StopDate , spase:Source+
Children	spase:ExpirationDate, spase:ParentID, spase:PriorID, spase:ReleaseDate, spase:ResourceID, spase:Source, spase:StartDate, spase:StopDate
Source	<pre> <xsd:complexType name="Granule"> <xsd:annotation> <xsd:documentation xml:lang="en">An accessible portion of another resource. A Granule may be composed of one or more physical pieces (files) which are considered inseparable. For example, a data storage format that maintains metadata and binary data in separate, but tightly coupled files. Granules should not be used to group files that have simple relationships or which are associated through a parent resource. For example, each file containing a time interval data for a Numerical Data resource would each be considered a Granule. The ParentID of a Granule resource must be a NumericalData resource.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceId" minOccurs="1" maxOccurs="1"/> <xsd:element name="ReleaseDate" type="spase:ReleaseDate" minOccurs="1" maxOccurs="1"/> <xsd:element name="ExpirationDate" type="spase:ExpirationDate" minOccurs="0" maxOccurs="1"/> <xsd:element name="ParentID" type="spase:ParentID" minOccurs="1" maxOccurs="1"/> <xsd:element name="PriorID" type="spase:PriorID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="StartDate" type="spase:StartDate" minOccurs="1" maxOccurs="1"/> <xsd:element name="StopDate" type="spase:StopDate" minOccurs="1" maxOccurs="1"/> <xsd:element name="Source" type="spase:Source" minOccurs="1" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType> </pre>

	<code><xsd:complexType></code>
Schema location	file:///C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type `spase:Source`

Namespace	http://www.spase-group.org/data/schema
Annotations	The location and attributes of an object.
Diagram	<pre> classDiagram class SourceType { Type spase:SourceType } class URL { Type spase:URL } class MirrorURL { Type spase:MirrorURL 0..* } class Checksum { Type spase:Checksum } class DataExtent { Type spase>DataExtent } SourceType < -- Source URL < -- Source MirrorURL < -- Source Checksum < -- Source DataExtent < -- Source </pre>
Used by	Element <code>spase:Granule</code> / <code>spase:Source</code>
Model	<code>spase:SourceType , spase:URL , spase:MirrorURL* , spase:Checksum{0,1} , spase:DataExtent{0,1}</code>
Children	<code>spase:Checksum, spase:DataExtent, spase:MirrorURL, spase:SourceType, spase:URL</code>
Source	<pre> <xsd:complexType name="Source"> <xsd:annotation> <xsd:documentation xml:lang="en">The location and attributes of an object.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="SourceType"> ... </xsd:element> <xsd:element name="URL"> ... </xsd:element> <xsd:element name="MirrorURL" maxOccurs="unbounded"> ... </xsd:element> <xsd:element name="Checksum"> ... </xsd:element> <xsd:element name="DataExtent"> ... </xsd:element> </xsd:sequence> </xsd:complexType> </pre>

```
<xsd:element name=
```

Schema
location

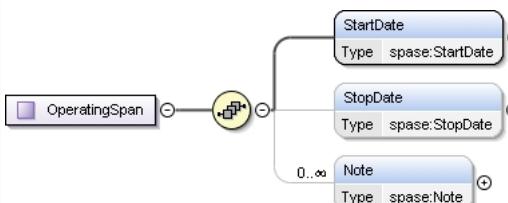
file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Instrument

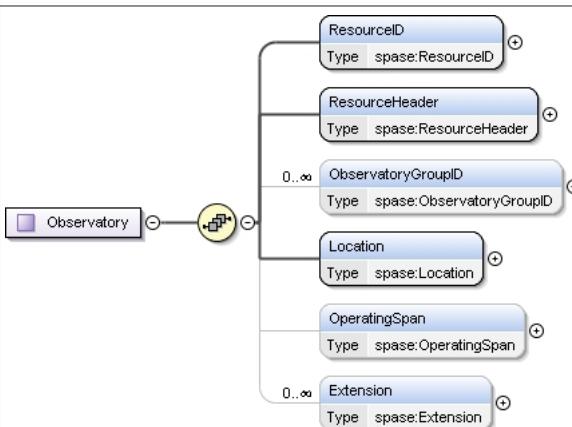
Namespace	http://www.spase-group.org/data/schema
Annotations	A device that makes measurements used to characterize a physical phenomenon, or a family of like devices.
Diagram	
Used by	Element spase:Spase/spase:Instrument
Model	spase:ResourceID , spase:ResourceHeader , spase:InstrumentType+ , spase:InvestigationName+ , spase:OperatingSpan{0,1} , spase:ObservatoryID , spase:Caveats{0,1} , spase:Extension*
Children	spase:Caveats, spase:Extension, spase:InstrumentType, spase:InvestigationName, spase:ObservatoryID, spase:OperatingSpan, spase:ResourceHeader, spase:ResourceID
Source	<pre> <xsd:complexType name="Instrument"> <xsd:annotation> <xsd:documentation xml:lang="en">A device that makes measurements used to characterize a physical phenomenon, or a family of like devices.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="InstrumentType" type="spase:InstrumentType" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="InvestigationName" type="spase:InvestigationName" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="OperatingSpan" type="spase:OperatingSpan" minOccurs="0" maxOccurs="1"/> <xsd:element name="ObservatoryID" type="spase:ObservatoryID" minOccurs="1" maxOccurs="1"/> <xsd:element name="Caveats" type="spase:Caveats" minOccurs="0" maxOccurs="1"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:OperatingSpan

Namespace	http://www.spase-group.org/data/schema
Annotations	The interval in time from the first point at which an instrument or spacecraft was producing and sending data until the last such time, ignoring possible gaps.

Diagram	
Used by	Elements spase:Instrument/spase:OperatingSpan, spase:Observatory/spase:OperatingSpan
Model	spase:StartDate , spase:StopDate{0,1} , spase>Note*
Children	spase>Note, spase:StartDate, spase:StopDate
Source	<pre><xsd:complexType name="OperatingSpan"> <xsd:annotation> <xsd:documentation xml:lang="en">The interval in time from the first point at which an instrument or spacecraft was producing and sending data until the last such time, ignoring possible gaps.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="StartDate" type="spase:StartDate" minOccurs="1" maxOccurs="1"/> <xsd:element name="StopDate" type="spase:StopDate" minOccurs="0" maxOccurs="1"/> <xsd:element name="Note" type="spase>Note" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Observatory

Namespace	http://www.spase-group.org/data/schema
Annotations	The host (spacecraft, network, facility) for instruments making observations, or a family of closely related hosts.
Diagram	
Used by	Element spase:Spase/spase:Observatory
Model	spase:ResourceID , spase:ResourceHeader , spase:ObservatoryGroupID* , spase:Location , spase:OperatingSpan{0,1} , spase:Extension*
Children	spase:Extension, spase:Location, spase:ObservatoryGroupID, spase:OperatingSpan, spase:ResourceHeader, spase:ResourceID
Source	<pre><xsd:complexType name="Observatory"> <xsd:annotation> <xsd:documentation xml:lang="en">The host (spacecraft, network, facility) for instruments making observations, or a family of closely related hosts.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="ObservatoryGroupID" type="spase:ObservatoryGroupID" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="Location" type="spase:Location" minOccurs="1" maxOccurs="1"/> <xsd:element name="OperatingSpan" type="spase:OperatingSpan" minOccurs="0" maxOccurs="1"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>

Schema location

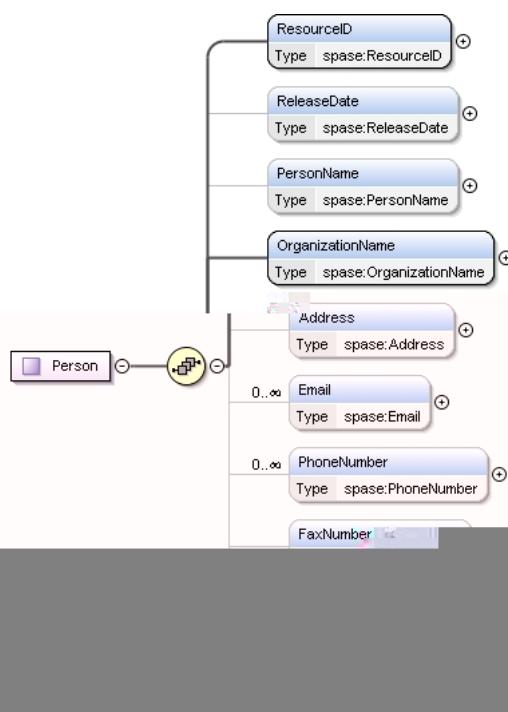
file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Location

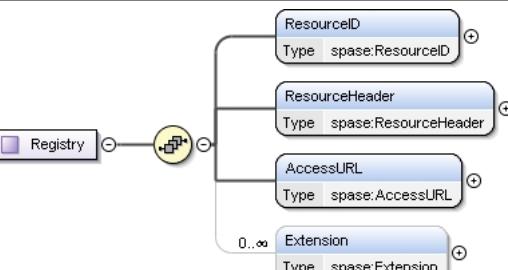
Namespace	http://www.spase-group.org/data/schema
Annotations	A position in space definable by a regional referencing system and geographic coordinates.
Diagram	<pre> classDiagram class Location class ObservatoryRegion class CoordinateSystemName class Latitude class Longitude Location < -- ObservatoryRegion : 1..> Location < -- CoordinateSystemName : 0..1 Location < -- Latitude : 0..1 Location < -- Longitude : 0..1 </pre>
Used by	Element spase:Observatory/spase:Location
Model	spase:ObservatoryRegion+, spase:CoordinateSystemName{0,1}, spase:Latitude{0,1}, spase:Longitude{0,1}, spase:Elevation{0,1}
Children	spase:CoordinateSystemName, spase:Elevation, spase:Latitude, spase:Longitude, spase:ObservatoryRegion
Source	<pre> <xsd:complexType name="Location"> <xsd:annotation> <xsd:documentation xml:lang="en">A position in space definable by a regional referencing system and geographic coordinates.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ObservatoryRegion" type="spase:Region" minOccurs="1" maxOccurs="unbounded"/> <xsd:element name="CoordinateSystemName" type="spase:CoordinateSystemName" minOccurs="0" maxOccurs="1"/> <xsd:element name="Latitude" type="spase:Latitude" minOccurs="0" maxOccurs="1"/> <xsd:element name="Longitude" type="spase:Longitude" minOccurs="0" maxOccurs="1"/> <xsd:element name="Elevation" type="spase:Elevation" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Person

Namespace	http://www.spase-group.org/data/schema
Annotations	An individual human being.

Diagram	
Used by	Element spase:Spase/spase:Person
Model	spase:ResourceID , spase:ReleaseDate{0,1} , spase:PersonName{0,1} , spase:OrganizationName , spase:Address{0,1} , spase:Email* , spase:PhoneNumber* , spase:FaxNumber{0,1} , spase>Note{0,1} , spase:Extension*
Children	spase:Address, spase:Email, spase:Extension, spase:FaxNumber, spase>Note, spase:OrganizationName, spase:PersonName, spase:PhoneNumber, spase:ReleaseDate, spase:ResourceID
Source	<pre><xsd:complexType name="Person"> <xsd:annotation> <xsd:documentation xml:lang="en">An individual human being.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ReleaseDate" type="spase:ReleaseDate" minOccurs="0" maxOccurs="1"/> <xsd:element name="PersonName" type="spase:PersonName" minOccurs="0" maxOccurs="1"/> <xsd:element name="OrganizationName" type="spase:OrganizationName" minOccurs="1" maxOccurs="1"/> <xsd:element name="Address" type="spase:Address" minOccurs="0" maxOccurs="1"/> <xsd:element name="Email" type="spase:Email" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="PhoneNumber" type="spase:PhoneNumber" minOccurs="0" maxOccurs="unbounded"/> <xsd:element name="FaxNumber" type="spase:FaxNumber" minOccurs="0" maxOccurs="1"/> <xsd:element name="Note" type="spase>Note" minOccurs="0" maxOccurs="1"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Registry

Namespace	http://www.spase-group.org/data/schema
Annotations	A location or facility where resources are cataloged.
Diagram	

Used by	Element spase:Spase/spase:Registry
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessURL , spase:Extension*
Children	spase:AccessURL, spase:Extension, spase:ResourceHeader, spase:ResourceID
Source	<pre><xsd:complexType name="Registry"> <xsd:annotation> <xsd:documentation xml:lang="en">A location or facility where resources are cataloged.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="1"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Repository

Namespace	http://www.spase-group.org/data/schema
Annotations	A location or facility where resources are stored.
Diagram	<pre> classDiagram class Repository { <<ResourceID>> <<ResourceHeader>> <<AccessURL>> <<Extension>> } Repository *--> Extension </pre>
Used by	Element spase:Spase/spase:Repository
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessURL , spase:Extension*
Children	spase:AccessURL, spase:Extension, spase:ResourceHeader, spase:ResourceID
Source	<pre><xsd:complexType name="Repository"> <xsd:annotation> <xsd:documentation xml:lang="en">A location or facility where resources are stored.</ xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="1"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Service

Namespace	http://www.spase-group.org/data/schema
Annotations	A location or facility that can perform a well defined task.
Diagram	<pre> classDiagram class Service { <<ResourceID>> <<ResourceHeader>> <<AccessURL>> <<Extension>> } Service *--> Extension </pre>
Used by	Element spase:Spase/spase:Service

Used by	Element spase:Spase/spase:Service
Model	spase:ResourceID , spase:ResourceHeader , spase:AccessURL , spase:Extension*
Children	spase:AccessURL, spase:Extension, spase:ResourceHeader, spase:ResourceID
Source	<pre><xsd:complexType name="Service"> <xsd:annotation> <xsd:documentation xml:lang="en">A location or facility that can perform a well defined task.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="AccessURL" type="spase:AccessURL" minOccurs="1" maxOccurs="1"/> <xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:Annotation

Namespace	http://www.spase-group.org/data/schema
Annotations	Information which is explanatory or descriptive which is associated with another resource.
Diagram	<pre> classDiagram class ResourceID { +Type spase:ResourceID } class ResourceHeader { +Type spase:ResourceHeader } class imageURL { +Type spase:imageURL } class AnnotationType { +Type spase:AnnotationType } ResourceID "1..1" -- "1..1" ResourceHeader ResourceID "1..1" -- "1..1" imageURL ResourceID "1..1" -- "1..1" AnnotationType ResourceID "1..1" -- "1..1" ResourceID </pre>
Used by	Element spase:Spase/spase:Annotation
Model	spase:ResourceID , spase:ResourceHeader , spase:ImageURL{0,1} , spase:AnnotationType , spase:PhenomenonType{0,1} , spase:ClassificationMethod{0,1} , spase:ConfidenceRating{0,1} , spase:TimeSpan* , spase:ObservationExtent* , spase:Extension*
Children	spase:AnnotationType, spase:ClassificationMethod, spase:ConfidenceRating, spase:Extension, spase:ImageURL, spase:ObservationExtent, spase:PhenomenonType, spase:ResourceHeader, spase:ResourceID, spase:TimeSpan
Source	<pre><xsd:complexType name="Annotation"> <xsd:annotation> <xsd:documentation xml:lang="en">Information which is explanatory or descriptive which is associated with another resource.</xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:element name="ResourceID" type="spase:ResourceID" minOccurs="1" maxOccurs="1"/> <xsd:element name="ResourceHeader" type="spase:ResourceHeader" minOccurs="1" maxOccurs="1"/> <xsd:element name="ImageURL" type="spase:imageURL" minOccurs="0" maxOccurs="1"/> <xsd:element name="AnnotationType" type="spase:AnnotationType" minOccurs="1" maxOccurs="1"/> <xsd:element name="PhenomenonType" type="spase:PhenomenonType" minOccurs="0" maxOccurs="1"/> <xsd:element name="ClassificationMethod" type="spase:ClassificationMethod" minOccurs="0" maxOccurs="1"/> <xsd:element name="ConfidenceRating" type="spase:ConfidenceRating" minOccurs="0" maxOccurs="1"/> </xsd:sequence> </xsd:complexType></pre>

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<xsd:element name="TimeSpan" type="spase:TimeSpan" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element name="ObservationExtent" type="spase:ObservationExtent" minOccurs="0"
maxOccurs="unbounded"/>
<xsd:element name="Extension" type="spase:Extension" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
</xsd:complexType>

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Schema location file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Complex Type spase:ObservationExtent

Namespace	http://www.spase-group.org/data/schema
Annotations	The spatial area encompassed by an observation.
Diagram	<pre> classDiagram class ObservationExtent { <<Observation Extent>> <<spase:ObservationExtent>> <<spase:Region>> <<spase:StartLocation>> <<spase:StopLocation>> <<spase>Note>> } class ObservedRegion { <<ObservedRegion>> <<spase:Region>> } class StartLocation { <<StartLocation>> <<spase:StartLocation>> } class StopLocation { <<StopLocation>> <<spase:StopLocation>> } class Note { <<Note>> <<spase>Note>> } ObservationExtent "0..1" -- "1" ObservedRegion : ObservationExtent "0..1" -- "1" StartLocation : ObservationExtent "0..1" -- "1" StopLocation : ObservationExtent "0..1" -- "1" Note : </pre> <p>The diagram illustrates the structure of the spase:ObservationExtent complex type. It consists of a central 'ObservationExtent' element (represented by a purple rounded rectangle) which has four associations (represented by yellow circles with arrows) pointing to 'ObservedRegion', 'StartLocation', 'StopLocation', and 'Note' elements (each represented by a blue rounded rectangle). Each association is labeled with a multiplicity of '0..1' on the side of the 'ObservationExtent' element and '1' on the side of the target element. The target elements are all annotated with their respective spase:type values: 'spase:Region' for ObservedRegion, 'spase:StartLocation' for StartLocation, 'spase:StopLocation' for StopLocation, and 'spase>Note' for Note.</p>
Used by	

QName	Type	Use	
		appropriate or use tokens like "Re" to represent units of the Radius of the Earth. Within a phrase the circumflex (^) is used to indicate a power, a star (*) is used to indicate multiplication and a slash (/) division. When symbols are not separated by a mathematical operator, multiplication is assumed. Symbols for base units can be found at: < http://www.bipm.fr/en/si/si_brochure/chapter2/2-1/#symbols > and those for common derived units can be found at: < http://www.bipm.fr/en/si/derived_units/2-2-2.html ></xsd:documentation></xsd:annotation>	
spase:UnitsConversion	xsd:string	optional	
<xsd:annotation><xsd:documentation xml:lang="en">The multiplicative factor for converting a unit into International System of Units (SI) units. The factor is expressed in the form "number > x", where "number" is a numerical value and "x" is the appropriate SI units. The basic SI units are Enumerated: m (meter), N (newton), kg (kilogram), Pa (pascal), s (second), Hz (hertz), A (ampere), V (volt), K (kelvin), W (watt), rad (radian), J (joule), sr (steradian), C (coulomb), T (tesla), ohm (ohm), mho (mho or seimens), H (henry), and F (farad). Two useful units which are not SI units are: degree (angle), and unitless (no units). An example is: "1.0E-9>T" which converts the units, presumably nT, to Tesla. Another example is: "1.0e+3>m/s" which converts a velocity expressed in kilometers per second to meters per second.</xsd:documentation></xsd:annotation>			
Source	<xsd:complexType name="typeValue"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en"> </xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> <xsd:simpleContent> <xsd:extension base="xsd:double"> <xsd:attribute name="Units" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en">A description of the standardized measurement increments in which a value is specified. The description is represented as a mathematical phrase. Units should be represented by widely accepted representation. For example, units should conform to the International System of Units (SI) which is maintained by BIPM (Bureau International des Poids et Mesures (see < http://www.bipm.fr/ >)) when appropriate or use tokens like "Re" to represent units of the Radius of the Earth. Within a phrase the circumflex (^) is used to indicate a power, a star (*) is used to indicate multiplication and a slash (/) division. When symbols are not separated by a mathematical operator, multiplication is assumed. Symbols for base units can be found at: < http://www.bipm.fr/en/si/si_brochure/chapter2/2-1/#symbols > and those for common derived units can be found at: < http://www.bipm.fr/en/si/derived_units/2-2-2.html ></xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> </xsd:attribute> <xsd:attribute name="UnitsConversion" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en">The multiplicative factor for converting a unit into International System of Units (SI) units. The factor is expressed in the form "number > x", where "number" is a numerical value and "x" is the appropriate SI units. The basic SI units are Enumerated: m (meter), N (newton), kg (kilogram), Pa (pascal), s (second), Hz (hertz), A (ampere), V (volt), K (kelvin), W (watt), rad (radian), J (joule), sr (steradian), C (coulomb), T (tesla), ohm (ohm), mho (mho or seimens), H (henry), and F (farad). Two useful units which are not SI units are: degree (angle), and unitless (no units). An example is: "1.0E-9>T" which converts the units, presumably nT, to Tesla. Another example is: "1.0e+3>m/s" which converts a velocity expressed in kilometers per second to meters per second.</xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> </xsd:attribute> </xsd:extension> </xsd:simpleContent> </xsd:complexType>		
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd		

Complex Type spase:typeBoundary

Namespace	http://www.spase-group.org/data/schema
Annotations	
Diagram	
Model	
Source	<pre><xsd:complexType name="typeBoundary"> <xsd:annotation> <xsd:documentation xml:lang="en"> </xsd:documentation> </xsd:annotation> <xsd:sequence> <xsd:sequence> </xsd:sequence> </xsd:complexType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type(s)

Simple Type spase:Version

Namespace	http://www.spase-group.org/data/schema
Annotations	Version number.
Diagram	
Type	restriction of xsd:string
Facets	enumeration 2.2.3
Used by	Element spase:Spase/spase:Version
Source	<pre><xsd:simpleType name="Version"> <xsd:annotation> <xsd:documentation xml:lang="en">Version number.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="2.2.3"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ResourceID

Namespace	http://www.spase-group.org/data/schema
Annotations	A Resource ID is a URI that has the form "scheme://authority/path" where "scheme" is "spase" for those resources administered through the SPASE framework, "authority" is the unique identifier for the resource provider registered within the SPASE framework and "path" is the unique identifier of the resource within the context of the "authority". The resource ID must be unique within the SPASE framework.
Diagram	
Type	xsd:string
Used by	Elements spase:Annotation/spase:ResourceID, spase:Catalog/spase:ResourceID, spase:DisplayData/spase:ResourceID, spase:Document/spase:ResourceID, spase:Granule/spase:ResourceID, spase:Instrument/spase:ResourceID, spase:NumericalData/spase:ResourceID, spase:Observatory/spase:ResourceID, spase:Person/spase:ResourceID, spase:Registry/spase:ResourceID, spase:Repository/spase:ResourceID, spase:Service/spase:ResourceID
Source	<pre><xsd:simpleType name="ResourceID"> <xsd:annotation> <xsd:documentation xml:lang="en">A Resource ID is a URI that has the form "scheme://authority/path" where "scheme" is "spase" for those resources administered through the SPASE framework, "authority" is the unique identifier for the resource provider registered within the</pre>

	<p>SPASE framework and "path" is the unique identifier of the resource within the context of the "authority". The resource ID must be unique within the SPASE framework.</p> <pre></xsd:documentation> <xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ResourceName

Namespace	http://www.spase-group.org/data/schema
Annotations	A short textual description of a resource which may be useful when read by a person.
Diagram	A UML class diagram fragment showing a simple type named 'ResourceName' enclosed in a rounded rectangle with a hollow center. A line with an open circle at the start connects it to another rounded rectangle containing 'xsd:string'.
Type	xsd:string
Used by	Element spase:ResourceHeader/spase:ResourceName
Source	<pre><xsd:simpleType name="ResourceName"> <xsd:annotation> <xsd:documentation xml:lang="en">A short textual description of a resource which may be useful when read by a person.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:AlternateName

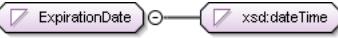
Namespace	http://www.spase-group.org/data/schema
Annotations	An alternative or shortened name used to refer to a resource. This includes acronyms, expanded names or a synonym for a resource.
Diagram	A UML class diagram fragment showing a simple type named 'AlternateName' enclosed in a rounded rectangle with a hollow center. A line with an open circle at the start connects it to another rounded rectangle containing 'xsd:string'.
Type	xsd:string
Used by	Element spase:ResourceHeader/spase:AlternateName
Source	<pre><xsd:simpleType name="AlternateName"> <xsd:annotation> <xsd:documentation xml:lang="en">An alternative or shortened name used to refer to a resource. This includes acronyms, expanded names or a synonym for a resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ReleaseDate

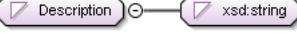
Namespace	http://www.spase-group.org/data/schema
Annotations	The date and time when a resource is made available. The availability of a resource coincides with the release of a resource description. If the Release Date is specified as a future date then it indicates that resource should not be made available until that time. However, this is only advisory and in practice the Release Date should be the actual date the resource description was published.
Diagram	A UML class diagram fragment showing a simple type named 'ReleaseDate' enclosed in a rounded rectangle with a hollow center. A line with an open circle at the start connects it to another rounded rectangle containing 'xsd:dateTime'.
Type	xsd:dateTime
Used by	Elements spase:Granule/spase:ReleaseDate, spase:Person/spase:ReleaseDate, spase:ResourceHeader/spase:ReleaseDate
Source	<pre><xsd:simpleType name="ReleaseDate"> <xsd:annotation></pre>

	<pre> <xsd:documentation xml:lang="en">The date and time when a resource is made available. The availability of a resource coincides with the release of a resource description. If the Release Date is specified as a future date then it indicates that resource should not be made available until that time. However, this is only advisory and in practice the Release Date should be the actual date the resource description was published.</xsd:documentation> <xsd:annotation> <xsd:restriction base="xsd:dateTime"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ExpirationDate

Namespace	http://www.spase-group.org/data/schema
Annotations	The date and time when a resource is no longer available. If the Expiration Date is specified then it indicates that resource should not be made available after that time. However, this is only advisory and in practice a resource description should be unpublished to eliminate access to a resource.
Diagram	
Type	xsd:dateTime
Used by	Elements spase:Granule/spase:ExpirationDate, spase:ResourceHeader/spase:ExpirationDate
Source	<pre> <xsd:simpleType name="ExpirationDate"> <xsd:annotation> <xsd:documentation xml:lang="en">The date and time when a resource is no longer available. If the Expiration Date is specified then it indicates that resource should not be made available after that time. However, this is only advisory and in practice a resource description should be unpublished to eliminate access to a resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:dateTime"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Description

Namespace	http://www.spase-group.org/data/schema
Annotations	A narrative explanation with detail appropriate for the item it describes. For example a description of data resource should include discussions of the main quantities in the resource, possible uses and search terms. A description should also include whether any corrections (i.e., geometry, inertial) have been applied to the resource.
Diagram	
Type	xsd:string
Used by	Elements spase:AccessURL/spase:Description, spase:InformationURL/spase:Description, spase:Parameter/spase:Description, spase:ResourceHeader/spase:Description, spase:Structure/spase:Description
Source	<pre> <xsd:simpleType name="Description"> <xsd:annotation> <xsd:documentation xml:lang="en">A narrative explanation with detail appropriate for the item it describes. For example a description of data resource should include discussions of the main quantities in the resource, possible uses and search terms. A description should also include whether any corrections (i.e., geometry, inertial) have been applied to the resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Acknowledgement

Namespace	http://www.spase-group.org/data/schema
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Annotations	The individual, group or organization which should be acknowledged when the data is used in or contributes to a presentation or publication.
Diagram	
Type	xsd:string
Used by	Elements spase:AccessInformation/spase:Acknowledgement, spase:ResourceHeader/spase:Acknowledgement
Source	<pre><xsd:simpleType name="Acknowledgement"> <xsd:annotation> <xsd:documentation xml:lang="en">The individual, group or organization which should be acknowledged when the data is used in or contributes to a presentation or publication.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:PersonID

Namespace	http://www.spase-group.org/data/schema
Annotations	The identifier assigned to a Person description.
Diagram	
Type	xsd:string
Used by	Element spase:Contact/spase:PersonID
Source	<pre><xsd:simpleType name="PersonID"> <xsd:annotation> <xsd:documentation xml:lang="en">The identifier assigned to a Person description.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Role

Namespace	http://www.spase-group.org/data/schema																														
Annotations	Identifiers for the assigned or assumed function or position of an individual.																														
Diagram																															
Type	restriction of xsd:string																														
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ArchiveSpecialist</td> </tr> <tr> <td>enumeration</td> <td>CoInvestigator</td> </tr> <tr> <td>enumeration</td> <td>Contributor</td> </tr> <tr> <td>enumeration</td> <td>DataProducer</td> </tr> <tr> <td>enumeration</td> <td>DeputyPI</td> </tr> <tr> <td>enumeration</td> <td>FormerPI</td> </tr> <tr> <td>enumeration</td> <td>GeneralContact</td> </tr> <tr> <td>enumeration</td> <td>MetadataContact</td> </tr> <tr> <td>enumeration</td> <td>PrincipalInvestigator</td> </tr> <tr> <td>enumeration</td> <td>ProjectScientist</td> </tr> <tr> <td>enumeration</td> <td>Publisher</td> </tr> <tr> <td>enumeration</td> <td>Scientist</td> </tr> <tr> <td>enumeration</td> <td>TeamLeader</td> </tr> <tr> <td>enumeration</td> <td>TeamMember</td> </tr> <tr> <td>enumeration</td> <td>TechnicalContact</td> </tr> </table>	enumeration	ArchiveSpecialist	enumeration	CoInvestigator	enumeration	Contributor	enumeration	DataProducer	enumeration	DeputyPI	enumeration	FormerPI	enumeration	GeneralContact	enumeration	MetadataContact	enumeration	PrincipalInvestigator	enumeration	ProjectScientist	enumeration	Publisher	enumeration	Scientist	enumeration	TeamLeader	enumeration	TeamMember	enumeration	TechnicalContact
enumeration	ArchiveSpecialist																														
enumeration	CoInvestigator																														
enumeration	Contributor																														
enumeration	DataProducer																														
enumeration	DeputyPI																														
enumeration	FormerPI																														
enumeration	GeneralContact																														
enumeration	MetadataContact																														
enumeration	PrincipalInvestigator																														
enumeration	ProjectScientist																														
enumeration	Publisher																														
enumeration	Scientist																														
enumeration	TeamLeader																														
enumeration	TeamMember																														
enumeration	TechnicalContact																														

Used by	Element spase:Contact/spase:Role
Source	<pre><xsd:simpleType name="Role"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the assigned or assumed function or position of an individual.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ArchiveSpecialist"/> <xsd:enumeration value="CoInvestigator"/> <xsd:enumeration value="Contributor"/> <xsd:enumeration value="DataProducer"/> <xsd:enumeration value="DeputyPI"/> <xsd:enumeration value="FormerPI"/> <xsd:enumeration value="GeneralContact"/> <xsd:enumeration value="MetadataContact"/> <xsd:enumeration value="PrincipalInvestigator"/> <xsd:enumeration value="ProjectScientist"/> <xsd:enumeration value="Publisher"/> <xsd:enumeration value="Scientist"/> <xsd:enumeration value="TeamLeader"/> <xsd:enumeration value="TeamMember"/> <xsd:enumeration value="TechnicalContact"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Name

Namespace	http://www.spase-group.org/data/schema
Annotations	A language unit by which a person or thing is known.
Diagram	
Type	xsd:string
Used by	Elements spase:AccessURL/spase:Name, spase:Element/spase:Name, spase:InformationURL/spase:Name, spase:Parameter/spase:Name
Source	<pre><xsd:simpleType name="Name"> <xsd:annotation> <xsd:documentation xml:lang="en">A language unit by which a person or thing is known.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:URL

Namespace	http://www.spase-group.org/data/schema
Annotations	Uniform Resource Locator (URL) is the global address of documents and other resources on the World Wide Web. The first part of the address indicates what protocol to use, and the second part specifies the IP address or the domain name where the resource is located followed by the pathname of the resource. A URL is specified in the form protocol://server.domain.name:port pathname. Example protocols are HTTP or FTP, server domain name is the Internet name.
Diagram	
Type	xsd:string
Used by	Elements spase:AccessURL/spase:URL, spase:InformationURL/spase:URL, spase:Source/spase:URL
Source	<pre><xsd:simpleType name="URL"> <xsd:annotation> <xsd:documentation xml:lang="en">Uniform Resource Locator (URL) is the global address of documents and other resources on the World Wide Web. The first part of the address indicates what protocol to use, and the second part specifies the IP address or the domain name where the resource</pre>

	<p>is located followed by the pathname of the resource. A URL is specified in the form protocol://server.domain.name:port pathname. Example protocols are HTTP or FTP, server domain name is the Internet name.</p> <pre></xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Language

Namespace	http://www.spase-group.org/data/schema
Annotations	The two character indicator of language selected from the ISO 630-1 codes for the representation of names of languages.
Diagram	
Type	xsd:string
Used by	Elements spase:AccessURL/spase:Language, spase:InformationURL/spase:Language
Source	<pre><xsd:simpleType name="Language"> <xsd:annotation> <xsd:documentation xml:lang="en">The two character indicator of language selected from the ISO 630-1 codes for the representation of names of languages.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:AssociationID

Namespace	http://www.spase-group.org/data/schema
Annotations	The resource identifier for a resource with which this resource is closely associated.
Diagram	
Type	xsd:string
Used by	Element spase:Association/spase:AssociationID
Source	<pre><xsd:simpleType name="AssociationID"> <xsd:annotation> <xsd:documentation xml:lang="en">The resource identifier for a resource with which this resource is closely associated.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:AssociationType

Namespace	http://www.spase-group.org/data/schema												
Annotations	Identifiers for resource associations.												
Diagram													
Type	restriction of xsd:string												
Facets	<table border="0"> <tr> <td>enumeration</td> <td>ChildEventof</td> </tr> <tr> <td>enumeration</td> <td>DerivedFrom</td> </tr> <tr> <td>enumeration</td> <td>ObservedBy</td> </tr> <tr> <td>enumeration</td> <td>Other</td> </tr> <tr> <td>enumeration</td> <td>PartOf</td> </tr> <tr> <td>enumeration</td> <td>RevisionOf</td> </tr> </table>	enumeration	ChildEventof	enumeration	DerivedFrom	enumeration	ObservedBy	enumeration	Other	enumeration	PartOf	enumeration	RevisionOf
enumeration	ChildEventof												
enumeration	DerivedFrom												
enumeration	ObservedBy												
enumeration	Other												
enumeration	PartOf												
enumeration	RevisionOf												

Used by	Element spase:Association/spase:AssociationType
Source	<pre><xsd:simpleType name="AssociationType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for resource associations.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ChildEventOf"/> <xsd:enumeration value="DerivedFrom"/> <xsd:enumeration value="ObservedBy"/> <xsd:enumeration value="Other"/> <xsd:enumeration value="PartOf"/> <xsd:enumeration value="RevisionOf"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Note

Namespace	http://www.spase-group.org/data/schema
Annotations	Information which is useful or important for the understanding of a value or parameter.
Diagram	
Type	xsd:string
Used by	Elements spase:Association/spase:Note, spase:ObservationExtent/spase:Note, spase:OperatingSpan/spase:Note, spase:Person/spase:Note, spase:TimeSpan/spase:Note
Source	<pre><xsd:simpleType name="Note"> <xsd:annotation> <xsd:documentation xml:lang="en">Information which is useful or important for the understanding of a value or parameter.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:PriorID

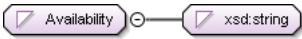
Namespace	http://www.spase-group.org/data/schema
Annotations	The resource identifier for a resource that is superseded or replaced by a resource.
Diagram	
Type	xsd:string
Used by	Elements spase:Granule/spase:PriorID, spase:ResourceHeader/spase:PriorID
Source	<pre><xsd:simpleType name="PriorID"> <xsd:annotation> <xsd:documentation xml:lang="en">The resource identifier for a resource that is superseded or replaced by a resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:RepositoryID

Namespace	http://www.spase-group.org/data/schema
Annotations	The identifier of an Repository resource.
Diagram	
Type	xsd:string

Used by	Element spase:AccessInformation/spase:RepositoryID
Source	<pre><xsd:simpleType name="RepositoryID"> <xsd:annotation> <xsd:documentation xml:lang="en">The identifier of an Repository resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Availability

Namespace	http://www.spase-group.org/data/schema				
Annotations	Identifiers for indicating the method or service which may be used to access the resource.				
Diagram					
Type	restriction of xsd:string				
Facets	<table> <tr> <td>enumeration</td> <td>Offline</td> </tr> <tr> <td>enumeration</td> <td>Online</td> </tr> </table>	enumeration	Offline	enumeration	Online
enumeration	Offline				
enumeration	Online				
Used by	Element spase:AccessInformation/spase:Availability				
Source	<pre><xsd:simpleType name="Availability"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for indicating the method or service which may be used to access the resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Offline"/> <xsd:enumeration value="Online"/> </xsd:restriction> </xsd:simpleType></pre>				
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd				

Simple Type spase:AccessRights

Namespace	http://www.spase-group.org/data/schema				
Annotations	Identifiers for permissions granted or denied by the host of a product to allow other users to access and use the resource.				
Diagram					
Type	restriction of xsd:string				
Facets	<table> <tr> <td>enumeration</td> <td>Open</td> </tr> <tr> <td>enumeration</td> <td>Restricted</td> </tr> </table>	enumeration	Open	enumeration	Restricted
enumeration	Open				
enumeration	Restricted				
Used by	Element spase:AccessInformation/spase:AccessRights				
Source	<pre><xsd:simpleType name="AccessRights"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for permissions granted or denied by the host of a product to allow other users to access and use the resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Open"/> <xsd:enumeration value="Restricted"/> </xsd:restriction> </xsd:simpleType></pre>				
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd				

Simple Type spase:ProductKey

Namespace	http://www.spase-group.org/data/schema
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Annotations	The key (identifier) of the resource within a Repository. This is a local identifier which can be used to retrieve or locate the resource.
Diagram	
Type	xsd:string
Used by	Element spase:AccessURL/spase:ProductKey
Source	<pre><xsd:simpleType name="ProductKey"> <xsd:annotation> <xsd:documentation xml:lang="en">The key (identifier) of the resource within a Repository. This is a local identifier which can be used to retrieve or locate the resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Format

Namespace	http://www.spase-group.org/data/schema																																																												
Annotations	Identifiers for data organized according to preset specifications.																																																												
Diagram																																																													
Type	restriction of xsd:string																																																												
Facets	<table> <tr><td>enumeration</td><td>AVI</td></tr> <tr><td>enumeration</td><td>Binary</td></tr> <tr><td>enumeration</td><td>CDF</td></tr> <tr><td>enumeration</td><td>CEF</td></tr> <tr><td>enumeration</td><td>CEF1</td></tr> <tr><td>enumeration</td><td>CEF2</td></tr> <tr><td>enumeration</td><td>Excel</td></tr> <tr><td>enumeration</td><td>FITS</td></tr> <tr><td>enumeration</td><td>GIF</td></tr> <tr><td>enumeration</td><td>HDF</td></tr> <tr><td>enumeration</td><td>HDF4</td></tr> <tr><td>enumeration</td><td>HDF5</td></tr> <tr><td>enumeration</td><td>HTML</td></tr> <tr><td>enumeration</td><td>Hardcopy</td></tr> <tr><td>enumeration</td><td>Hardcopy.Film</td></tr> <tr><td>enumeration</td><td>Hardcopy.Microfiche</td></tr> <tr><td>enumeration</td><td>Hardcopy.Microfilm</td></tr> <tr><td>enumeration</td><td>Hardcopy.Photograph</td></tr> <tr><td>enumeration</td><td>Hardcopy.PhotographicPlate</td></tr> <tr><td>enumeration</td><td>Hardcopy.Print</td></tr> <tr><td>enumeration</td><td>IDFS</td></tr> <tr><td>enumeration</td><td>IDL</td></tr> <tr><td>enumeration</td><td>JPEG</td></tr> <tr><td>enumeration</td><td>MATLAB_4</td></tr> <tr><td>enumeration</td><td>MATLAB_6</td></tr> <tr><td>enumeration</td><td>MATLAB_7</td></tr> <tr><td>enumeration</td><td>MPEG</td></tr> <tr><td>enumeration</td><td>NCAR</td></tr> <tr><td>enumeration</td><td>NetCDF</td></tr> <tr><td>enumeration</td><td>PDF</td></tr> </table>	enumeration	AVI	enumeration	Binary	enumeration	CDF	enumeration	CEF	enumeration	CEF1	enumeration	CEF2	enumeration	Excel	enumeration	FITS	enumeration	GIF	enumeration	HDF	enumeration	HDF4	enumeration	HDF5	enumeration	HTML	enumeration	Hardcopy	enumeration	Hardcopy.Film	enumeration	Hardcopy.Microfiche	enumeration	Hardcopy.Microfilm	enumeration	Hardcopy.Photograph	enumeration	Hardcopy.PhotographicPlate	enumeration	Hardcopy.Print	enumeration	IDFS	enumeration	IDL	enumeration	JPEG	enumeration	MATLAB_4	enumeration	MATLAB_6	enumeration	MATLAB_7	enumeration	MPEG	enumeration	NCAR	enumeration	NetCDF	enumeration	PDF
enumeration	AVI																																																												
enumeration	Binary																																																												
enumeration	CDF																																																												
enumeration	CEF																																																												
enumeration	CEF1																																																												
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enumeration	Hardcopy.Film																																																												
enumeration	Hardcopy.Microfiche																																																												
enumeration	Hardcopy.Microfilm																																																												
enumeration	Hardcopy.Photograph																																																												
enumeration	Hardcopy.PhotographicPlate																																																												
enumeration	Hardcopy.Print																																																												
enumeration	IDFS																																																												
enumeration	IDL																																																												
enumeration	JPEG																																																												
enumeration	MATLAB_4																																																												
enumeration	MATLAB_6																																																												
enumeration	MATLAB_7																																																												
enumeration	MPEG																																																												
enumeration	NCAR																																																												
enumeration	NetCDF																																																												
enumeration	PDF																																																												

	enumeration	PNG
	enumeration	Postscript
	enumeration	QuickTime
	enumeration	TIFF
	enumeration	Text
	enumeration	Text.ASCII
	enumeration	Text.Unicode
	enumeration	UDF
	enumeration	VOTable
	enumeration	XML
Used by	Element	spase:AccessInformation/spase:Format
Source	<pre> <xsd:simpleType name="Format"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for data organized according to preset specifications.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="AVI"/> <xsd:enumeration value="Binary"/> <xsd:enumeration value="CDF"/> <xsd:enumeration value="CEF"/> <xsd:enumeration value="CEF1"/> <xsd:enumeration value="CEF2"/> <xsd:enumeration value="Excel"/> <xsd:enumeration value="FITS"/> <xsd:enumeration value="GIF"/> <xsd:enumeration value="HDF"/> <xsd:enumeration value="HDF4"/> <xsd:enumeration value="HDF5"/> <xsd:enumeration value="HTML"/> <xsd:enumeration value="Hardcopy"/> <xsd:enumeration value="Hardcopy.Film"/> <xsd:enumeration value="Hardcopy.Microfiche"/> <xsd:enumeration value="Hardcopy.Microfilm"/> <xsd:enumeration value="Hardcopy.Photograph"/> <xsd:enumeration value="Hardcopy.PhotographicPlate"/> <xsd:enumeration value="Hardcopy.Print"/> <xsd:enumeration value="IDFS"/> <xsd:enumeration value="IDL"/> <xsd:enumeration value="JPEG"/> <xsd:enumeration value="MATLAB_4"/> <xsd:enumeration value="MATLAB_6"/> <xsd:enumeration value="MATLAB_7"/> <xsd:enumeration value="MPEG"/> <xsd:enumeration value="NCAR"/> <xsd:enumeration value="NetCDF"/> <xsd:enumeration value="PDF"/> <xsd:enumeration value="PNG"/> <xsd:enumeration value="Postscript"/> <xsd:enumeration value="QuickTime"/> <xsd:enumeration value="TIFF"/> <xsd:enumeration value="Text"/> <xsd:enumeration value="Text.ASCII"/> <xsd:enumeration value="Text.Unicode"/> <xsd:enumeration value="UDF"/> <xsd:enumeration value="VOTable"/> <xsd:enumeration value="XML"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:Encoding

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for unambiguous rules that establishes the representation of information within a file.
Diagram	
Type	restriction of xsd:string

Facets	enumeration	ASCII
	enumeration	BZIP2
	enumeration	Base64
	enumeration	GZIP
	enumeration	None
	enumeration	S3_BUCKET
	enumeration	TAR
	enumeration	Unicode
	enumeration	ZIP
Used by	Element	spase:AccessInformation/spase:Encoding
Source	<pre><xsd:simpleType name="Encoding"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for unambiguous rules that establishes the representation of information within a file.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ASCII"/> <xsd:enumeration value="BZIP2"/> <xsd:enumeration value="Base64"/> <xsd:enumeration value="GZIP"/> <xsd:enumeration value="None"/> <xsd:enumeration value="S3_BUCKET"/> <xsd:enumeration value="TAR"/> <xsd:enumeration value="Unicode"/> <xsd:enumeration value="ZIP"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:Quantity

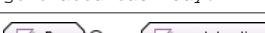
Namespace	http://www.spase-group.org/data/schema	
Annotations	A value that describes a characteristic of a system.	
Diagram	A UML class diagram showing a relationship between two classes. On the left is a rounded rectangle labeled "Quantity". On the right is a rounded rectangle labeled "xsd:double". A line connects them, with a small circle at the connection point, indicating a directed association.	
Type	xsd:double	
Used by	Element	spase:DataExtent/spase:Quantity
Source	<pre><xsd:simpleType name="Quantity"> <xsd:annotation> <xsd:documentation xml:lang="en">A value that describes a characteristic of a system.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double"/> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:Units

Namespace	http://www.spase-group.org/data/schema
Annotations	A description of the standardized measurement increments in which a value is specified. The description is represented as a mathematical phrase. Units should be represented by widely accepted representation. For example, units should conform to the International System of Units (SI) which is maintained by BIPM (Bureau International des Poids et Mesures (see http://www.bipm.fr/)) when appropriate or use tokens like "Re" to represent units of the Radius of the Earth. Within a phrase the circumflex (^) is used to indicate a power, a star (*) is used to indicate multiplication and a slash (/) division. When symbols are

	not separated by a mathematical operator, multiplication is assumed. Symbols for base units can be found at: < http://www.bipm.fr/en/si/si_brochure/chapter2/2-1/#symbols > and those for common derived units can be found at: < http://www.bipm.fr/en/si/derived_units/2-2-2.html >
Diagram	
Type	xsd:string
Used by	Elements spase:AzimuthalAngleRange/spase:Units, spase:DataExtent/spase:Units, spase:Element/spase:Units, spase:EnergyRange/spase:Units, spase:FrequencyRange/spase:Units, spase:Parameter/spase:Units, spase:PolarAngleRange/spase:Units, spase:WavelengthRange/spase:Units
Source	<pre> <xsd:simpleType name="Units"> <xsd:annotation> <xsd:documentation xml:lang="en">A description of the standardized measurement increments in which a value is specified. The description is represented as a mathematical phrase. Units should be represented by widely accepted representation. For example, units should conform to the International System of Units (SI) which is maintained by BIPM (Bureau International des Poids et Mesures (see <http://www.bipm.fr/>)) when appropriate or use tokens like "Re" to represent units of the Radius of the Earth. Within a phrase the circumflex (^) is used to indicate a power, a star (*) is used to indicate multiplication and a slash (/) division. When symbols are not separated by a mathematical operator, multiplication is assumed. Symbols for base units can be found at: <http://www.bipm.fr/en/si/si_brochure/chapter2/2-1/#symbols> and those for common derived units can be found at: <http://www.bipm.fr/en/si/derived_units/2-2-2.html></xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Per

Namespace	http://www.spase-group.org/data/schema
Annotations	The time interval over which a characterization applies. For example, the number of bytes generated each day.
Diagram	
Type	xsd:duration
Used by	Element spase:DataExtent/spase:Per
Source	<pre> <xsd:simpleType name="Per"> <xsd:annotation> <xsd:documentation xml:lang="en">The time interval over which a characterization applies. For example, the number of bytes generated each day.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:duration"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ProviderResourceName

Namespace	http://www.spase-group.org/data/schema
Annotations	A short textual description of a resource used by the provider which may be used to identify a resource.
Diagram	
Type	xsd:string
Used by	Elements spase:Catalog/spase:ProviderResourceName, spase:DisplayData/spase:ProviderResourceName, spase:NumericalData/spase:ProviderResourceName
Source	<pre> <xsd:simpleType name="ProviderResourceName"> <xsd:annotation> <xsd:documentation xml:lang="en">A short textual description of a resource used by the provider which may be used to identify a resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </pre>

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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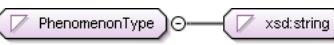
Simple Type spase:ProviderVersion

Namespace	http://www.spase-group.org/data/schema
Annotations	Describes the release or edition of the product used by the provider. The formation rule may vary between providers. It is intended to aid in queries to the provider regarding the product.
Diagram	
Type	xsd:string
Used by	Elements spase:Catalog/spase:ProviderVersion, spase:DisplayData/spase:ProviderVersion, spase:NumericalData/spase:ProviderVersion
Source	<pre><xsd:simpleType name="ProviderVersion"> <xsd:annotation> <xsd:documentation xml:lang="en">Describes the release or edition of the product used by the provider. The formation rule may vary between providers. It is intended to aid in queries to the provider regarding the product.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:InstrumentID

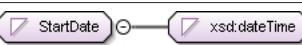
Namespace	http://www.spase-group.org/data/schema
Annotations	The identifier of an Instrument resource.
Diagram	
Type	xsd:string
Used by	Elements spase:Catalog/spase:InstrumentID, spase:DisplayData/spase:InstrumentID, spase:NumericalData/spase:InstrumentID
Source	<pre><xsd:simpleType name="InstrumentID"> <xsd:annotation> <xsd:documentation xml:lang="en">The identifier of an Instrument resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:PhenomenonType

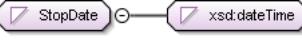
Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for the characteristics or categorization of an observation. Note: Joe King to provide.
Diagram	
Type	restriction of xsd:string
Facets	enumeration ActiveRegion enumeration Aurora enumeration BowShockCrossing enumeration CoronalHole enumeration CoronalMassEjection enumeration EITWave enumeration EnergeticSolarParticleEvent enumeration ForbushDecrease

	enumeration	GeomagneticStorm
	enumeration	InterplanetaryShock
	enumeration	MagneticCloud
	enumeration	MagnetopauseCrossing
	enumeration	RadioBurst
	enumeration	SectorBoundaryCrossing
	enumeration	SolarFlare
	enumeration	SolarWindExtreme
	enumeration	StreamInteractionRegion
	enumeration	Substorm
Used by	Elements	spase:Annotation/spase:PhenomenonType, spase:Catalog/spase:PhenomenonType
Source	<pre><xsd:simpleType name="PhenomenonType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the characteristics or categorization of an observation. Note: Joe King to provide.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ActiveRegion"/> <xsd:enumeration value="Aurora"/> <xsd:enumeration value="BowShockCrossing"/> <xsd:enumeration value="CoronalHole"/> <xsd:enumeration value="CoronalMassEjection"/> <xsd:enumeration value="EITWave"/> <xsd:enumeration value="EnergeticSolarParticleEvent"/> <xsd:enumeration value="ForbushDecrease"/> <xsd:enumeration value="GeomagneticStorm"/> <xsd:enumeration value="InterplanetaryShock"/> <xsd:enumeration value="MagneticCloud"/> <xsd:enumeration value="MagnetopauseCrossing"/> <xsd:enumeration value="RadioBurst"/> <xsd:enumeration value="SectorBoundaryCrossing"/> <xsd:enumeration value="SolarFlare"/> <xsd:enumeration value="SolarWindExtreme"/> <xsd:enumeration value="StreamInteractionRegion"/> <xsd:enumeration value="Substorm"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:StartDate

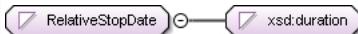
Namespace	http://www.spase-group.org/data/schema
Annotations	The specification of a starting point in time.
Diagram	
Type	xsd:dateTime
Used by	Elements spase:Granule/spase:StartDate, spase:OperatingSpan/spase:StartDate, spase:TimeSpan/spase:StartDate
Source	<pre><xsd:simpleType name="StartDate"> <xsd:annotation> <xsd:documentation xml:lang="en">The specification of a starting point in time.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:dateTime"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:StopDate

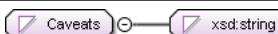
Namespace	http://www.spase-group.org/data/schema
Annotations	The specification of a stopping point in time.
Diagram	
Type	xsd:dateTime

Used by	Elements spase:Granule/spase:StopDate, spase:OperatingSpan/spase:StopDate, spase:TimeSpan/spase:StopDate
Source	<pre><xsd:simpleType name="StopDate"> <xsd:annotation> <xsd:documentation xml:lang="en">The specification of a stopping point in time.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:dateTime"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:RelativeStopDate

Namespace	http://www.spase-group.org/data/schema
Annotations	An indication of the nominal end date relative to the present.
Diagram	
Type	xsd:duration
Used by	Element spase:TimeSpan/spase:RelativeStopDate
Source	<pre><xsd:simpleType name="RelativeStopDate"> <xsd:annotation> <xsd:documentation xml:lang="en">An indication of the nominal end date relative to the present.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:duration"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Caveats

Namespace	http://www.spase-group.org/data/schema
Annotations	Information which may be important in the avoidance of the misuse of the resource, for instance instrument maladies, corruption or contamination.
Diagram	
Type	xsd:string
Used by	Elements spase:Catalog/spase:Caveats, spase:DisplayData/spase:Caveats, spase:Instrument/spase:Caveats, spase:NumericalData/spase:Caveats, spase:Parameter/spase:Caveats
Source	<pre><xsd:simpleType name="Caveats"> <xsd:annotation> <xsd:documentation xml:lang="en">Information which may be important in the avoidance of the misuse of the resource, for instance instrument maladies, corruption or contamination.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Keyword

Namespace	http://www.spase-group.org/data/schema
Annotations	A word or phrase that is relevant to the resource but does not exist in other documentary information.
Diagram	
Type	xsd:string
Used by	Elements spase:Catalog/spase:Keyword, spase:DisplayData/spase:Keyword, spase:Document/spase:Keyword, spase:NumericalData/spase:Keyword

Source	<pre><xsd:simpleType name="Keyword"> <xsd:annotation> <xsd:documentation xml:lang="en">A word or phrase that is relevant to the resource but does not exist in other documentary information.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

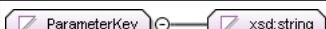
Simple Type spase:InputResourceID

Namespace	http://www.spase-group.org/data/schema
Annotations	The resource identifier for a resource which was used to generate this resource.
Diagram	
Type	xsd:string
Used by	Elements spase:Catalog/spase:InputResourceID, spase:DisplayData/spase:InputResourceID, spase:Document/spase:InputResourceID, spase:NumericalData/spase:InputResourceID
Source	<pre><xsd:simpleType name="InputResourceID"> <xsd:annotation> <xsd:documentation xml:lang="en">The resource identifier for a resource which was used to generate this resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Set

Namespace	http://www.spase-group.org/data/schema
Annotations	A collection of items for a particular purpose.
Diagram	
Type	xsd:string
Used by	Element spase:Parameter/spase:Set
Source	<pre><xsd:simpleType name="Set"> <xsd:annotation> <xsd:documentation xml:lang="en">A collection of items for a particular purpose.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ParameterKey

Namespace	http://www.spase-group.org/data/schema
Annotations	The name or identifier which can be used to access the parameter in the resource. The associated value is dependent on the service used to access the resource. For columnar ASCII data, use "Column_X" for a single-element parameter and "Column_X-Column_Y" for a multi-element parameter, where X and Y are the relevant column index. The first column index is 1.
Diagram	
Type	xsd:string
Used by	Elements spase:Element/spase:ParameterKey, spase:Parameter/spase:ParameterKey
Source	<pre><xsd:simpleType name="ParameterKey"></pre>

	<pre> <xsd:annotation> <xsd:documentation xml:lang="en">The name or identifier which can be used to access the parameter in the resource. The associated value is dependent on the service used to access the resource. For columnar ASCII data, use "Column_X" for a single-element parameter and "Column_X-Column_Y" for a multi-element parameter, where X and Y are the relevant column index. The first column index is 1.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Cadence

Namespace	http://www.spase-group.org/data/schema
Annotations	The time interval between the start of successive measurements.
Diagram	
Type	xsd:duration
Used by	Elements spase:Parameter/spase:Cadence, spase:TemporalDescription/spase:Cadence
Source	<pre> <xsd:simpleType name="Cadence"> <xsd:annotation> <xsd:documentation xml:lang="en">The time interval between the start of successive measurements.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:duration"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:UnitsConversion

Namespace	http://www.spase-group.org/data/schema
Annotations	The multiplicative factor for converting a unit into International System of Units (SI) units. The factor is expressed in the form "number > x", where "number" is a numerical value and "x" is the appropriate SI units. The basic SI units are Enumerated: m (meter), N (newton), kg (kilogram), Pa (pascal), s (second), Hz (hertz), A (ampere), V (volt), K (kelvin), W (watt), rad (radian), J (joule), sr (steradian), C (coulomb), T (tesla), ohm (ohm), mho (mho or seimens), H (henry), and F (farad). Two useful units which are not SI units are: degree (angle), and unitless (no units). An example is: "1.0E-9>T" which converts the units, presumably nT, to Tesla. Another example is: "1.0e+3>m/s" which converts a velocity expressed in kilometers per second to meters per second.
Diagram	
Type	xsd:string
Used by	Elements spase:Element/spase:UnitsConversion, spase:Parameter/spase:UnitsConversion
Source	<pre> <xsd:simpleType name="UnitsConversion"> <xsd:annotation> <xsd:documentation xml:lang="en">The multiplicative factor for converting a unit into International System of Units (SI) units. The factor is expressed in the form "number > x", where "number" is a numerical value and "x" is the appropriate SI units. The basic SI units are Enumerated: m (meter), N (newton), kg (kilogram), Pa (pascal), s (second), Hz (hertz), A (ampere), V (volt), K (kelvin), W (watt), rad (radian), J (joule), sr (steradian), C (coulomb), T (tesla), ohm (ohm), mho (mho or seimens), H (henry), and F (farad). Two useful units which are not SI units are: degree (angle), and unitless (no units). An example is: "1.0E-9>T" which converts the units, presumably nT, to Tesla. Another example is: "1.0e+3>m/s" which converts a velocity expressed in kilometers per second to meters per second.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>

Schema
location

file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:CoordinateRepresentation

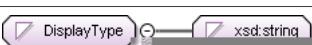
Namespace	http://www.spase-group.org/data/schema							
Annotations	Identifiers of the method or form for specifying a given point or vector in a given coordinate system.							
Diagram	<pre> classDiagram class CoordinateRepresentation { xsd:string } </pre>							
Type	restriction of xsd:string							
Facets	<table> <tr> <td>enumeration</td> <td>Cartesian</td> </tr> <tr> <td>enumeration</td> <td>Cylindrical</td> </tr> <tr> <td>enumeration</td> <td>Spherical</td> </tr> </table>		enumeration	Cartesian	enumeration	Cylindrical	enumeration	Spherical
enumeration	Cartesian							
enumeration	Cylindrical							
enumeration	Spherical							
Used by	Element spase:CoordinateSystem/spase:CoordinateRepresentation							
Source	<pre> <xsd:simpleType name="CoordinateRepresentation"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers of the method or form for specifying a given point or vector in a given coordinate system.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Cartesian"/> <xsd:enumeration value="Cylindrical"/> <xsd:enumeration value="Spherical"/> </xsd:restriction> </xsd:simpleType> </pre>							
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd							

Simple Type spase:CoordinateSystemName

Namespace	http://www.spase-group.org/data/schema																																							
Annotations	Identifiers of the origin and orientation of a set of typically orthogonal axes.																																							
Diagram	<pre> classDiagram class CoordinateSystemName </pre>																																							
Type	restriction of xsd:string																																							
Facets	<table> <tr> <td>enumeration</td> <td>CGM</td> </tr> <tr> <td>enumeration</td> <td>Carrington</td> </tr> <tr> <td>enumeration</td> <td>DM</td> </tr> <tr> <td>enumeration</td> <td>ECEF</td> </tr> <tr> <td>enumeration</td> <td>ENP</td> </tr> <tr> <td>enumeration</td> <td>GEI</td> </tr> <tr> <td>enumeration</td> <td>GEO</td> </tr> <tr> <td>enumeration</td> <td>GSE</td> </tr> <tr> <td>enumeration</td> <td>GSEQ</td> </tr> <tr> <td>enumeration</td> <td>GSM</td> </tr> <tr> <td>enumeration</td> <td>HAE</td> </tr> <tr> <td>enumeration</td> <td>HCC</td> </tr> <tr> <td>enumeration</td> <td>HCI</td> </tr> <tr> <td>enumeration</td> <td>HCR</td> </tr> <tr> <td>enumeration</td> <td>HEE</td> </tr> <tr> <td>enumeration</td> <td>HEEQ</td> </tr> <tr> <td>enumeration</td> <td>HG</td> </tr> <tr> <td>enumeration</td> <td>HGI</td> </tr> <tr> <td>enumeration</td> <td>HPC</td> </tr> </table>		enumeration	CGM	enumeration	Carrington	enumeration	DM	enumeration	ECEF	enumeration	ENP	enumeration	GEI	enumeration	GEO	enumeration	GSE	enumeration	GSEQ	enumeration	GSM	enumeration	HAE	enumeration	HCC	enumeration	HCI	enumeration	HCR	enumeration	HEE	enumeration	HEEQ	enumeration	HG	enumeration	HGI	enumeration	HPC
enumeration	CGM																																							
enumeration	Carrington																																							
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enumeration	ECEF																																							
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enumeration	HEE																																							
enumeration	HEEQ																																							
enumeration	HG																																							
enumeration	HGI																																							
enumeration	HPC																																							

	enumeration	HPR
	enumeration	J2000
	enumeration	LGM
	enumeration	MAG
	enumeration	MFA
	enumeration	RTN
	enumeration	SC
	enumeration	SE
	enumeration	SM
	enumeration	SR
	enumeration	SR2
	enumeration	SSE
	enumeration	SSE_L
	enumeration	SpacecraftOrbitPlane
	enumeration	WGS84
Used by	Elements	spase:CoordinateSystem/spase:CoordinateSystemName, spase:Location/spase:CoordinateSystemName
Source	<pre> <xsd:simpleType name="CoordinateSystemName"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers of the origin and orientation of a set of typically orthogonal axes.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="CGM"/> <xsd:enumeration value="Carrington"/> <xsd:enumeration value="DM"/> <xsd:enumeration value="ECEF"/> <xsd:enumeration value="ENP"/> <xsd:enumeration value="GEI"/> <xsd:enumeration value="GEO"/> <xsd:enumeration value="GSE"/> <xsd:enumeration value="GSEQ"/> <xsd:enumeration value="GSM"/> <xsd:enumeration value="HAE"/> <xsd:enumeration value="HCC"/> <xsd:enumeration value="HCI"/> <xsd:enumeration value="HCR"/> <xsd:enumeration value="HEE"/> <xsd:enumeration value="HEEQ"/> <xsd:enumeration value="HG"/> <xsd:enumeration value="HGI"/> <xsd:enumeration value="HPC"/> <xsd:enumeration value="HPR"/> <xsd:enumeration value="J2000"/> <xsd:enumeration value="LGM"/> <xsd:enumeration value="MAG"/> <xsd:enumeration value="MFA"/> <xsd:enumeration value="RTN"/> <xsd:enumeration value="SC"/> <xsd:enumeration value="SE"/> <xsd:enumeration value="SM"/> <xsd:enumeration value="SR"/> <xsd:enumeration value="SR2"/> <xsd:enumeration value="SSE"/> <xsd:enumeration value="SSE_L"/> <xsd:enumeration value="SpacecraftOrbitPlane"/> <xsd:enumeration value="WGS84"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:DisplayType

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for types or classes of rendered data.
Diagram	

Type	restriction of xsd:string	
Facets	enumeration	Image
	enumeration	Plasmagram
	enumeration	Spectrogram
	enumeration	StackPlot
	enumeration	TimeSeries
	enumeration	WaveForm
Used by	Element	spase:RenderingHints/spase:DisplayType
Source	<pre><xsd:simpleType name="DisplayType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for types or classes of rendered data.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Image"/> <xsd:enumeration value="Plasmagram"/> <xsd:enumeration value="Spectrogram"/> <xsd:enumeration value="StackPlot"/> <xsd:enumeration value="TimeSeries"/> <xsd:enumeration value="WaveForm"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:AxisLabel

Namespace	http://www.spase-group.org/data/schema	
Annotations	A short character string (approximately 10 characters, but preferably 6 characters - more only if absolutely required for clarity) which can be used to label a y-axis for a plot or to provide a heading for a data listing.	
Diagram		
Type	xsd:string	
Used by	Element spase:RenderingHints/spase:AxisLabel	
Source	<pre><xsd:simpleType name="AxisLabel"> <xsd:annotation> <xsd:documentation xml:lang="en">A short character string (approximately 10 characters, but preferably 6 characters - more only if absolutely required for clarity) which can be used to label a y-axis for a plot or to provide a heading for a data listing.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:RenderingAxis

Namespace	http://www.spase-group.org/data/schema	
Annotations	Identifiers for the reference component of a plot or rendering of data.	
Diagram		
Type	restriction of xsd:string	
Facets	enumeration	ColorBar
	enumeration	Horizontal
	enumeration	Vertical
Used by	Element	spase:RenderingHints/spase:RenderingAxis
Source	<pre><xsd:simpleType name="RenderingAxis"> <xsd:annotation></pre>	

	<pre> <xsd:documentation xml:lang="en">Identifiers for the reference component of a plot or rendering of data.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ColorBar"/> <xsd:enumeration value="Horizontal"/> <xsd:enumeration value="Vertical"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Index

Namespace	http://www.spase-group.org/data/schema
Annotations	<p>The location of an item in an array or vector. An index can be multivalued to represent the location in a multidimensional object. The index of the first item is "1". A value of "0" is a wild card for all elements at the location in an array. A value of "-1" is a reference to the dimension at the location in the array. A "-1" is used when describing the attributes of the dimension, whereas "0" or a positive integer is used to describe attributes of individual elements.</p>
Diagram	<pre> graph LR typeSequence[spase:typeSequence] --> Index[Index] </pre>
Type	spase:typeSequence
Type hierarchy	<ul style="list-style-type: none"> • xsd:integer • spase:typeSequence • spase:Index
Used by	Elements spase:Element/spase:Index, spase:RenderingHints/spase:Index
Source	<pre> <xsd:simpleType name="Index"> <xsd:annotation> <xsd:documentation xml:lang="en">The location of an item in an array or vector. An index can be multivalued to represent the location in a multidimensional object. The index of the first item is "1". A value of "0" is a wild card for all elements at the location in an array. A value of "-1" is a reference to the dimension at the location in the array. A "-1" is used when describing the attributes of the dimension, whereas "0" or a positive integer is used to describe attributes of individual elements.</xsd:documentation> </xsd:annotation> <xsd:restriction base="spase:typeSequence"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:typeSequence

Namespace	http://www.spase-group.org/data/schema
Annotations	<pre> <xsd:annotation> <xsd:documentation xml:lang="en">A list of whole number values where the order of the values is fixed. A space separates each value. For example, "1 2 3".</xsd:documentation> </xsd:annotation></pre>
Diagram	<pre> graph LR xsdInteger[xsd:integer] --> typeSequence[spase:typeSequence] </pre>
Type	list of xsd:integer
Used by	Simple Types spase:Index, spase:Size
Source	<pre> <xsd:simpleType name="typeSequence"> <xsd:annotation> <xsd:documentation xml:lang="en">A list of whole number values where the order of the values is fixed. A space separates each value. For example, "1 2 3".</xsd:documentation> </xsd:annotation> </xsd:documentation> <xsd:list itemType="xsd:integer"/></pre>

	</xsd:simpleType>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

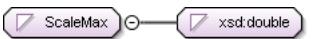
Simple Type spase:ValueFormat

Namespace	http://www.spase-group.org/data/schema
Annotations	A string defining the output format used when extracting data values out to a file or screen. The magnitude and the number of significant figures needed should be carefully considered. The output format string can be in either Fortran or C syntax.
Diagram	
Type	xsd:string
Used by	Element spase:RenderingHints/spase:ValueFormat
Source	<pre> <xsd:simpleType name="ValueFormat"> <xsd:annotation> <xsd:documentation xml:lang="en">A string defining the output format used when extracting data values out to a file or screen. The magnitude and the number of significant figures needed should be carefully considered. The output format string can be in either Fortran or C syntax.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ScaleMin

Namespace	http://www.spase-group.org/data/schema
Annotations	The minimum value that the variable is expected to attain. Used, for example, by automated plotting software.
Diagram	
Type	xsd:double
Used by	Element spase:RenderingHints/spase:ScaleMin
Source	<pre> <xsd:simpleType name="ScaleMin"> <xsd:annotation> <xsd:documentation xml:lang="en">The minimum value that the variable is expected to attain. Used, for example, by automated plotting software.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ScaleMax

Namespace	http://www.spase-group.org/data/schema
Annotations	The maximum value that the variable is expected to attain. Used, for example, by automated plotting software.
Diagram	
Type	xsd:double
Used by	Element spase:RenderingHints/spase:ScaleMax
Source	<pre> <xsd:simpleType name="ScaleMax"> <xsd:annotation> <xsd:documentation xml:lang="en">The maximum value that the variable is expected to attain. Used, for example, by automated plotting software.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double"/> </xsd:simpleType> </pre>

	</xsd:simpleType>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ScaleType

Namespace	http://www.spase-group.org/data/schema				
Annotations	Identifiers for scaling applied to a set of numbers.				
Diagram					
Type	restriction of xsd:string				
Facets	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>enumeration</td> <td>LinearScale</td> </tr> <tr> <td>enumeration</td> <td>LogScale</td> </tr> </table>	enumeration	LinearScale	enumeration	LogScale
enumeration	LinearScale				
enumeration	LogScale				
Used by	Element spase:RenderingHints/spase:ScaleType				
Source	<pre> <xsd:simpleType name="ScaleType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for scaling applied to a set of numbers.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="LinearScale"/> <xsd:enumeration value="LogScale"/> </xsd:restriction> </xsd:simpleType> </pre>				
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd				

Simple Type spase:Size

Namespace	http://www.spase-group.org/data/schema
Annotations	The number of elements in each dimension of a multi-dimensional array. A scalar has a size of 1. A multi-dimensional vector will have a size for each dimension. Note that the number of elements in the size of an N-dimensional array conveys the array's dimensionality while the product of those numbers conveys the total number of elements in the array. When size is used to describe a tensor it is the number of elements in the tensor. As such it has a limited set of values. A tensor of rank 1 has a size of 3, rank 2 a size of 9, rank 3 a size of 27 and rank n a size of 3^n .
Diagram	
Type	spase:typeSequence
Type hierarchy	<ul style="list-style-type: none"> • xsd:integer • spase:typeSequence • spase:Size
Used by	Element spase:Structure/spase:Size
Source	<pre> <xsd:simpleType name="Size"> <xsd:annotation> <xsd:documentation xml:lang="en">The number of elements in each dimension of a multi-dimensional array. A scalar has a size of 1. A multi-dimensional vector will have a size for each dimension. Note that the number of elements in the size of an N-dimensional array conveys the array's dimensionality while the product of those numbers conveys the total number of elements in the array. When size is used to describe a tensor it is the number of elements in the tensor. As such it has a limited set of values. A tensor of rank 1 has a size of 3, rank 2 a size of 9, rank 3 a size of 27 and rank n a size of 3^n.</xsd:documentation> </xsd:annotation> <xsd:restriction base="spase:typeSequence"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

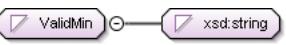
Simple Type `spase:Qualifier`

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for terms which refine the type or attribute of a quantity.
Diagram	
Type	restriction of xsd:string
Facets	<p>enumeration Anisotropy</p> <p>enumeration Array</p> <p>enumeration Average</p> <p>enumeration Characteristic</p> <p>enumeration Circular</p> <p>enumeration Column</p> <p>enumeration Component</p> <p>enumeration Component.I</p> <p>enumeration Component.J</p> <p>enumeration Component.K</p> <p>enumeration Core</p> <p>enumeration CrossSpectrum</p> <p>enumeration Deviation</p> <p>enumeration Differential</p> <p>enumeration Direction</p> <p>enumeration DirectionAngle</p> <p>enumeration DirectionAngle.AzimuthAngle</p> <p>enumeration DirectionAngle.ElevationAngle</p> <p>enumeration DirectionAngle.PolarAngle</p> <p>enumeration Directional</p> <p>enumeration FieldAligned</p> <p>enumeration Fit</p> <p>enumeration Group</p> <p>enumeration Halo</p> <p>enumeration Integral</p> <p>enumeration Integral.Area</p> <p>enumeration Integral.Bandwidth</p> <p>enumeration Integral.SolidAngle</p> <p>enumeration LineOfSight</p> <p>enumeration Linear</p> <p>enumeration Magnitude</p> <p>enumeration Maximum</p> <p>enumeration Median</p> <p>enumeration Minimum</p> <p>enumeration Moment</p> <p>enumeration Parallel</p> <p>enumeration Peak</p> <p>enumeration Perpendicular</p> <p>enumeration Perturbation</p> <p>enumeration Phase</p> <p>enumeration PhaseAngle</p> <p>enumeration Projection</p> <p>enumeration Projection.IJ</p>

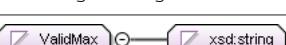
	enumeration	Projection.IK
	enumeration	Projection.JK
	enumeration	Pseudo
	enumeration	Ratio
	enumeration	Scalar
	enumeration	Spectral
	enumeration	StandardDeviation
	enumeration	StokesParameters
	enumeration	Strahl
	enumeration	Superhalo
	enumeration	Symmetric
	enumeration	Tensor
	enumeration	Total
	enumeration	Trace
	enumeration	Uncertainty
	enumeration	Variance
	enumeration	Vector
Used by	Elements	spase:Element/spase:Qualifier, spase:Field/spase:Qualifier, spase:Mixed/spase:Qualifier, spase:Particle/spase:Qualifier, spase:Support/spase:Qualifier, spase:Wave/spase:Qualifier
Source	<pre> <xsd:simpleType name="Qualifier"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for terms which refine the type or attribute of a quantity.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Anisotropy"/> <xsd:enumeration value="Array"/> <xsd:enumeration value="Average"/> <xsd:enumeration value="Characteristic"/> <xsd:enumeration value="Circular"/> <xsd:enumeration value="Column"/> <xsd:enumeration value="Component"/> <xsd:enumeration value="Component.I"/> <xsd:enumeration value="Component.J"/> <xsd:enumeration value="Component.K"/> <xsd:enumeration value="Core"/> <xsd:enumeration value="CrossSpectrum"/> <xsd:enumeration value="Deviation"/> <xsd:enumeration value="Differential"/> <xsd:enumeration value="Direction"/> <xsd:enumeration value="DirectionAngle"/> <xsd:enumeration value="DirectionAngle.AzimuthAngle"/> <xsd:enumeration value="DirectionAngle.ElevationAngle"/> <xsd:enumeration value="DirectionAngle.PolarAngle"/> <xsd:enumeration value="Directional"/> <xsd:enumeration value="FieldAligned"/> <xsd:enumeration value="Fit"/> <xsd:enumeration value="Group"/> <xsd:enumeration value="Halo"/> <xsd:enumeration value="Integral"/> <xsd:enumeration value="Integral.Area"/> <xsd:enumeration value="Integral.Bandwidth"/> <xsd:enumeration value="Integral.SolidAngle"/> <xsd:enumeration value="LineOfSight"/> <xsd:enumeration value="Linear"/> <xsd:enumeration value="Magnitude"/> <xsd:enumeration value="Maximum"/> <xsd:enumeration value="Median"/> <xsd:enumeration value="Minimum"/> <xsd:enumeration value="Moment"/> <xsd:enumeration value="Parallel"/> <xsd:enumeration value="Peak"/> <xsd:enumeration value="Perpendicular"/> <xsd:enumeration value="Perturbation"/> <xsd:enumeration value="Phase"/> <xsd:enumeration value="PhaseAngle"/> <xsd:enumeration value="Projection"/> <xsd:enumeration value="Projection.IJ"/> <xsd:enumeration value="Projection.IK"/></pre>	

	<pre> <xsd:enumeration value="Projection.JK" /> <xsd:enumeration value="Pseudo" /> <xsd:enumeration value="Ratio" /> <xsd:enumeration value="Scalar" /> <xsd:enumeration value="Spectral" /> <xsd:enumeration value="StandardDeviation" /> <xsd:enumeration value="StokesParameters" /> <xsd:enumeration value="Strahl" /> <xsd:enumeration value="Superhalo" /> <xsd:enumeration value="Symmetric" /> <xsd:enumeration value="Tensor" /> <xsd:enumeration value="Total" /> <xsd:enumeration value="Trace" /> <xsd:enumeration value="Uncertainty" /> <xsd:enumeration value="Variance" /> <xsd:enumeration value="Vector" /> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

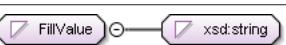
Simple Type spase:ValidMin

Namespace	http://www.spase-group.org/data/schema
Annotations	The smallest legitimate value.
Diagram	
Type	xsd:string
Used by	Elements spase:Element/spase:ValidMin, spase:Parameter/spase:ValidMin
Source	<pre> <xsd:simpleType name="ValidMin"> <xsd:annotation> <xsd:documentation xml:lang="en">The smallest legitimate value.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ValidMax

Namespace	http://www.spase-group.org/data/schema
Annotations	The largest legitimate value.
Diagram	
Type	xsd:string
Used by	Elements spase:Element/spase:ValidMax, spase:Parameter/spase:ValidMax
Source	<pre> <xsd:simpleType name="ValidMax"> <xsd:annotation> <xsd:documentation xml:lang="en">The largest legitimate value.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:FillValue

Namespace	http://www.spase-group.org/data/schema
Annotations	A value that indicates that a quantity is undefined.
Diagram	
Type	xsd:string
Used by	Elements spase:Element/spase:FillValue, spase:Parameter/spase:FillValue
Source	<pre> <xsd:simpleType name="FillValue"> <xsd:annotation></pre>

```

<xsd:documentation xml:lang="en">A value that indicates that a quantity is undefined.</
xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:string" />
</xsd:simpleType>

```

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Simple Type spase:FieldQuantity

Namespace	http://www.spase-group.org/data/schema																
Annotations	Identifiers for the physical attribute of the field.																
Diagram																	
Type	restriction of xsd:string																
Facets	<table> <tr><td>enumeration</td><td>Current</td></tr> <tr><td>enumeration</td><td>Electric</td></tr> <tr><td>enumeration</td><td>Electromagnetic</td></tr> <tr><td>enumeration</td><td>Gyrofrequency</td></tr> <tr><td>enumeration</td><td>Magnetic</td></tr> <tr><td>enumeration</td><td>PlasmaFrequency</td></tr> <tr><td>enumeration</td><td>Potential</td></tr> <tr><td>enumeration</td><td>PoyntingFlux</td></tr> </table>	enumeration	Current	enumeration	Electric	enumeration	Electromagnetic	enumeration	Gyrofrequency	enumeration	Magnetic	enumeration	PlasmaFrequency	enumeration	Potential	enumeration	PoyntingFlux
enumeration	Current																
enumeration	Electric																
enumeration	Electromagnetic																
enumeration	Gyrofrequency																
enumeration	Magnetic																
enumeration	PlasmaFrequency																
enumeration	Potential																
enumeration	PoyntingFlux																
Used by	Element spase:Field/spase:FieldQuantity																
Source	<pre> <xsd:simpleType name="FieldQuantity"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the physical attribute of the field.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Current"/> <xsd:enumeration value="Electric"/> <xsd:enumeration value="Electromagnetic"/> <xsd:enumeration value="Gyrofrequency"/> <xsd:enumeration value="Magnetic"/> <xsd:enumeration value="PlasmaFrequency"/> <xsd:enumeration value="Potential"/> <xsd:enumeration value="PoyntingFlux"/> </xsd:restriction> </xsd:simpleType> </pre>																
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd																

Simple Type spase:SpectralRange

Namespace	http://www.spase-group.org/data/schema										
Annotations	Identifiers for names associated with wavelengths. Based on the ISO 21348 Solar Irradiance Standard. Additions have been made to extend the frequency ranges to include those used in space physics. Those additions are indicated in blue text. The "Total Solar Irradiance" category has not been included since it is a type of measurement and not a specific spectral range. See Appendix A - Comparison of Spectrum Domains for a comparison of the spectral ranges with other systems.										
Diagram											
Type	restriction of xsd:string										
Facets	<table> <tr><td>enumeration</td><td>CaK</td></tr> <tr><td>enumeration</td><td>ExtremeUltraviolet</td></tr> <tr><td>enumeration</td><td>FarUltraviolet</td></tr> <tr><td>enumeration</td><td>GammaRays</td></tr> <tr><td>enumeration</td><td>Halpha</td></tr> </table>	enumeration	CaK	enumeration	ExtremeUltraviolet	enumeration	FarUltraviolet	enumeration	GammaRays	enumeration	Halpha
enumeration	CaK										
enumeration	ExtremeUltraviolet										
enumeration	FarUltraviolet										
enumeration	GammaRays										
enumeration	Halpha										

	enumeration	HardXrays
	enumeration	He10830
	enumeration	He304
	enumeration	Infrared
	enumeration	K7699
	enumeration	LBHBand
	enumeration	Microwave
	enumeration	NaD
	enumeration	Ni6768
	enumeration	Optical
	enumeration	RadioFrequency
	enumeration	SoftXRays
	enumeration	Ultraviolet
	enumeration	WhiteLight
	enumeration	XRays
Used by	Elements	spase:DisplayData/spase:SpectralRange, spase:FrequencyRange/spase:SpectralRange, spase:NumericalData/spase:SpectralRange, spase:WavelengthRange/spase:SpectralRange
Source	<pre> <xsd:simpleType name="SpectralRange"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for names associated with wavelengths. Based on the ISO 21348 Solar Irradiance Standard. Additions have been made to extend the frequency ranges to include those used in space physics. Those additions are indicated in blue text. The "Total Solar Irradiance" category has not been included since it is a type of measurement and not a specific spectral range. See Appendix A - Comparison of Spectrum Domains for a comparison of the spectral ranges with other systems.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="CaK"/> <xsd:enumeration value="ExtremeUltraviolet"/> <xsd:enumeration value="FarUltraviolet"/> <xsd:enumeration value="GammaRays"/> <xsd:enumeration value="Halpha"/> <xsd:enumeration value="HardXrays"/> <xsd:enumeration value="He10830"/> <xsd:enumeration value="He304"/> <xsd:enumeration value="Infrared"/> <xsd:enumeration value="K7699"/> <xsd:enumeration value="LBHBand"/> <xsd:enumeration value="Microwave"/> <xsd:enumeration value="NaD"/> <xsd:enumeration value="Ni6768"/> <xsd:enumeration value="Optical"/> <xsd:enumeration value="RadioFrequency"/> <xsd:enumeration value="SoftXRays"/> <xsd:enumeration value="Ultraviolet"/> <xsd:enumeration value="WhiteLight"/> <xsd:enumeration value="XRays"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:Low

Namespace	http://www.spase-group.org/data/schema	
Annotations	The smallest value within a range of possible values.	
Diagram		
Type	xsd:double	
Used by	Elements	spase:AzimuthalAngleRange/spase:Low, spase:Bin/spase:Low, spase:EnergyRange/spase:Low, spase:FrequencyRange/spase:Low, spase:PolarAngleRange/spase:Low, spase:WavelengthRange/spase:Low
Source	<pre> <xsd:simpleType name="Low"> <xsd:annotation></pre>	

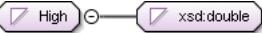
```

<xsd:documentation xml:lang="en">The smallest value within a range of possible values.</
xsd:documentation>
</xsd:annotation>
<xsd:restriction base="xsd:double" />
</xsd:simpleType>

```

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Simple Type spase:High

Namespace	http://www.spase-group.org/data/schema
Annotations	The largest value within a range of possible values.
Diagram	
Type	xsd:double
Used by	Elements spase:AzimuthalAngleRange/spase:High, spase:Bin/spase:High, spase:EnergyRange/spase:High, spase:FrequencyRange/spase:High, spase:PolarAngleRange/spase:High, spase:WavelengthRange/spase:High
Source	<pre> <xsd:simpleType name="High"> <xsd:annotation> <xsd:documentation xml:lang="en">The largest value within a range of possible values.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double" /> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:BandName

Namespace	http://www.spase-group.org/data/schema
Annotations	A common or provider assigned name for a range of values.
Diagram	
Type	xsd:string
Used by	Element spase:Bin/spase:BandName
Source	<pre> <xsd:simpleType name="BandName"> <xsd:annotation> <xsd:documentation xml:lang="en">A common or provider assigned name for a range of values.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ParticleType

Namespace	http://www.spase-group.org/data/schema														
Annotations	Identifiers for the characterization of the kind of particle observed by the measurement.														
Diagram															
Type	restriction of xsd:string														
Facets	<table border="0"> <tr> <td>enumeration</td> <td>Aerosol</td> </tr> <tr> <td>enumeration</td> <td>AlphaParticle</td> </tr> <tr> <td>enumeration</td> <td>Atom</td> </tr> <tr> <td>enumeration</td> <td>Dust</td> </tr> <tr> <td>enumeration</td> <td>Electron</td> </tr> <tr> <td>enumeration</td> <td>Ion</td> </tr> <tr> <td>enumeration</td> <td>Molecule</td> </tr> </table>	enumeration	Aerosol	enumeration	AlphaParticle	enumeration	Atom	enumeration	Dust	enumeration	Electron	enumeration	Ion	enumeration	Molecule
enumeration	Aerosol														
enumeration	AlphaParticle														
enumeration	Atom														
enumeration	Dust														
enumeration	Electron														
enumeration	Ion														
enumeration	Molecule														

	enumeration	Neutron
	enumeration	Proton
Used by	Elements	spase:Mixed/spase:ParticleType, spase:Particle/spase:ParticleType
Source	<pre><xsd:simpleType name="ParticleType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the characterization of the kind of particle observed by the measurement.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Aerosol"/> <xsd:enumeration value="AlphaParticle"/> <xsd:enumeration value="Atom"/> <xsd:enumeration value="Dust"/> <xsd:enumeration value="Electron"/> <xsd:enumeration value="Ion"/> <xsd:enumeration value="Molecule"/> <xsd:enumeration value="Neutron"/> <xsd:enumeration value="Proton"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:ParticleQuantity

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for the characterization of the physical properties of the particle.
Diagram	
Type	restriction of xsd:string
Facets	enumeration ArrivalDirection enumeration AtomicNumberDetected enumeration AverageChargeState enumeration ChargeState enumeration CountRate enumeration Counts enumeration Energy enumeration EnergyDensity enumeration EnergyFlux enumeration FlowSpeed enumeration FlowVelocity enumeration Fluence enumeration Gyrofrequency enumeration HeatFlux enumeration Mass enumeration MassDensity enumeration MassNumber enumeration NumberDensity enumeration NumberFlux enumeration ParticleRadius enumeration PhaseSpaceDensity enumeration PlasmaFrequency enumeration Pressure enumeration SonicMachNumber enumeration SoundSpeed enumeration Temperature enumeration ThermalSpeed

	enumeration	Velocity
Used by	Element	spase:Particle/spase:ParticleQuantity
Source	<pre> <xsd:simpleType name="ParticleQuantity"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the characterization of the physical properties of the particle.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ArrivalDirection"/> <xsd:enumeration value="AtomicNumberDetected"/> <xsd:enumeration value="AverageChargeState"/> <xsd:enumeration value="ChargeState"/> <xsd:enumeration value="CountRate"/> <xsd:enumeration value="Counts"/> <xsd:enumeration value="Energy"/> <xsd:enumeration value="EnergyDensity"/> <xsd:enumeration value="EnergyFlux"/> <xsd:enumeration value="FlowSpeed"/> <xsd:enumeration value="FlowVelocity"/> <xsd:enumeration value="Fluence"/> <xsd:enumeration value="Gyrofrequency"/> <xsd:enumeration value="HeatFlux"/> <xsd:enumeration value="Mass"/> <xsd:enumeration value="MassDensity"/> <xsd:enumeration value="MassNumber"/> <xsd:enumeration value="NumberDensity"/> <xsd:enumeration value="NumberFlux"/> <xsd:enumeration value="ParticleRadius"/> <xsd:enumeration value="PhaseSpaceDensity"/> <xsd:enumeration value="PlasmaFrequency"/> <xsd:enumeration value="Pressure"/> <xsd:enumeration value="SonicMachNumber"/> <xsd:enumeration value="SoundSpeed"/> <xsd:enumeration value="Temperature"/> <xsd:enumeration value="ThermalSpeed"/> <xsd:enumeration value="Velocity"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:AtomicNumber

Namespace	http://www.spase-group.org/data/schema
Annotations	The number of protons in the nucleus of an atom.
Diagram	
Type	xsd:double
Used by	Element spase:Particle/spase:AtomicNumber
Source	<pre> <xsd:simpleType name="AtomicNumber"> <xsd:annotation> <xsd:documentation xml:lang="en">The number of protons in the nucleus of an atom.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:WaveType

Namespace	http://www.spase-group.org/data/schema				
Annotations	Identifiers for the carrier or phenomenon of wave information observed by the measurement.				
Diagram					
Type	restriction of xsd:string				
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Electromagnetic</td> </tr> <tr> <td>enumeration</td> <td>Electrostatic</td> </tr> </table>	enumeration	Electromagnetic	enumeration	Electrostatic
enumeration	Electromagnetic				
enumeration	Electrostatic				

	enumeration	Hydrodynamic
	enumeration	MHD
	enumeration	Photon
	enumeration	PlasmaWaves
Used by	Element	spase:Wave/spase:WaveType
Source	<pre><xsd:simpleType name="WaveType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the carrier or phenomenum of wave information observed by the measurement.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Electromagnetic"/> <xsd:enumeration value="Electrostatic"/> <xsd:enumeration value="Hydrodynamic"/> <xsd:enumeration value="Photon"/> <xsd:enumeration value="PlasmaWaves"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:WaveQuantity

Namespace	http://www.spase-group.org/data/schema	
Annotations	Identifiers for the characterization of the physical properties of a wave.	
Diagram		
Type	restriction of xsd:string	
Facets	enumeration	ACElectricField
	enumeration	ACMagneticField
	enumeration	Absorption
	enumeration	Albedo
	enumeration	DopplerFrequency
	enumeration	Emissivity
	enumeration	EnergyFlux
	enumeration	EquivalentWidth
	enumeration	Frequency
	enumeration	Gyrofrequency
	enumeration	Intensity
	enumeration	LineDepth
	enumeration	MagneticField
	enumeration	ModeAmplitude
	enumeration	PlasmaFrequency
	enumeration	Polarization
	enumeration	PoyntingFlux
	enumeration	PropagationTime
	enumeration	StokesParameters
	enumeration	Velocity
	enumeration	Wavelength
Used by	Element	spase:Wave/spase:WaveQuantity
Source	<pre><xsd:simpleType name="WaveQuantity"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the characterization of the physical properties of a wave.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ACElectricField"/></pre>	

	<pre> <xsd:enumeration value="ACMagneticField"/> <xsd:enumeration value="Absorption"/> <xsd:enumeration value="Albedo"/> <xsd:enumeration value="DopplerFrequency"/> <xsd:enumeration value="Emissivity"/> <xsd:enumeration value="EnergyFlux"/> <xsd:enumeration value="EquivalentWidth"/> <xsd:enumeration value="Frequency"/> <xsd:enumeration value="Gyrofrequency"/> <xsd:enumeration value="Intensity"/> <xsd:enumeration value="LineDepth"/> <xsd:enumeration value="MagneticField"/> <xsd:enumeration value="ModeAmplitude"/> <xsd:enumeration value="PlasmaFrequency"/> <xsd:enumeration value="Polarization"/> <xsd:enumeration value="PoyntingFlux"/> <xsd:enumeration value="PropagationTime"/> <xsd:enumeration value="StokesParameters"/> <xsd:enumeration value="Velocity"/> <xsd:enumeration value="Wavelength"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:MixedQuantity

Namespace	http://www.spase-group.org/data/schema																		
Annotations	Identifiers for the combined attributes of a mixed parameter quantity.																		
Diagram																			
Type	restriction of xsd:string																		
Facets	<table border="1"> <tr><td>enumeration</td><td>AkasofuEpsilon</td></tr> <tr><td>enumeration</td><td>AlfvenMachNumber</td></tr> <tr><td>enumeration</td><td>AlfvenVelocity</td></tr> <tr><td>enumeration</td><td>FrequencyToGyrofrequencyRatio</td></tr> <tr><td>enumeration</td><td>MagnetosonicMachNumber</td></tr> <tr><td>enumeration</td><td>Other</td></tr> <tr><td>enumeration</td><td>PlasmaBeta</td></tr> <tr><td>enumeration</td><td>TotalPressure</td></tr> <tr><td>enumeration</td><td>VCrossB</td></tr> </table>	enumeration	AkasofuEpsilon	enumeration	AlfvenMachNumber	enumeration	AlfvenVelocity	enumeration	FrequencyToGyrofrequencyRatio	enumeration	MagnetosonicMachNumber	enumeration	Other	enumeration	PlasmaBeta	enumeration	TotalPressure	enumeration	VCrossB
enumeration	AkasofuEpsilon																		
enumeration	AlfvenMachNumber																		
enumeration	AlfvenVelocity																		
enumeration	FrequencyToGyrofrequencyRatio																		
enumeration	MagnetosonicMachNumber																		
enumeration	Other																		
enumeration	PlasmaBeta																		
enumeration	TotalPressure																		
enumeration	VCrossB																		
Used by	Element spase:Mixed/spase:MixedQuantity																		
Source	<pre> <xsd:simpleType name="MixedQuantity"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the combined attributes of a mixed parameter quantity.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="AkasofuEpsilon"/> <xsd:enumeration value="AlfvenMachNumber"/> <xsd:enumeration value="AlfvenVelocity"/> <xsd:enumeration value="FrequencyToGyrofrequencyRatio"/> <xsd:enumeration value="MagnetosonicMachNumber"/> <xsd:enumeration value="Other"/> <xsd:enumeration value="PlasmaBeta"/> <xsd:enumeration value="TotalPressure"/> <xsd:enumeration value="VCrossB"/> </xsd:restriction> </xsd:simpleType></pre>																		
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd																		

Simple Type spase:SupportQuantity

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for the information useful in understanding the context of an observation, typically observed or measured coincidentally

	with a physical observation.										
Diagram											
Type	restriction of xsd:string										
Facets	<table> <tr> <td>enumeration</td><td>InstrumentMode</td></tr> <tr> <td>enumeration</td><td>Other</td></tr> <tr> <td>enumeration</td><td>Positional</td></tr> <tr> <td>enumeration</td><td>Temporal</td></tr> <tr> <td>enumeration</td><td>Velocity</td></tr> </table>	enumeration	InstrumentMode	enumeration	Other	enumeration	Positional	enumeration	Temporal	enumeration	Velocity
enumeration	InstrumentMode										
enumeration	Other										
enumeration	Positional										
enumeration	Temporal										
enumeration	Velocity										
Used by	Element spase:Support/spase:SupportQuantity										
Source	<pre><xsd:simpleType name="SupportQuantity"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the information useful in understanding the context of an observation, typically observed or measured coincidentally with a physical observation.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="InstrumentMode"/> <xsd:enumeration value="Other"/> <xsd:enumeration value="Positional"/> <xsd:enumeration value="Temporal"/> <xsd:enumeration value="Velocity"/> </xsd:restriction> </xsd:simpleType></pre>										
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd										

Simple Type spase:ProcessingLevel

Namespace	http://www.spase-group.org/data/schema						
Annotations	Identifiers to characterize the amount and type of manipulation which has been applied to the sampled data.						
Diagram							
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td><td>Calibrated</td></tr> <tr> <td>enumeration</td><td>Raw</td></tr> <tr> <td>enumeration</td><td>Uncalibrated</td></tr> </table>	enumeration	Calibrated	enumeration	Raw	enumeration	Uncalibrated
enumeration	Calibrated						
enumeration	Raw						
enumeration	Uncalibrated						
Used by	Elements spase:DisplayData/spase:ProcessingLevel, spase:NumericalData/spase:ProcessingLevel						
Source	<pre><xsd:simpleType name="ProcessingLevel"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers to characterize the amount and type of manipulation which has been applied to the sampled data.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Calibrated"/> <xsd:enumeration value="Raw"/> <xsd:enumeration value="Uncalibrated"/> </xsd:restriction> </xsd:simpleType></pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Simple Type spase:ProviderProcessingLevel

Namespace	http://www.spase-group.org/data/schema
Annotations	The provider specific classification of the processing performed on the product.
Diagram	
Type	xsd:string
Used by	Elements spase:DisplayData/spase:ProviderProcessingLevel, spase:NumericalData/spase:ProviderProcessingLevel

Source	<pre><xsd:simpleType name="ProviderProcessingLevel"> <xsd:annotation> <xsd:documentation xml:lang="en">The provider specific classification of the processing performed on the product.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:MeasurementType

Namespace	http://www.spase-group.org/data/schema																																										
Annotations	Identifiers for the method of making an estimated value of a quantity that forms the basis of an observation.																																										
Diagram																																											
Type	restriction of xsd:string																																										
Facets	<table border="0"> <tr><td>enumeration</td><td>ActivityIndex</td></tr> <tr><td>enumeration</td><td>Dopplergram</td></tr> <tr><td>enumeration</td><td>Dust</td></tr> <tr><td>enumeration</td><td>ElectricField</td></tr> <tr><td>enumeration</td><td>EnergeticParticles</td></tr> <tr><td>enumeration</td><td>Ephemeris</td></tr> <tr><td>enumeration</td><td>ImageIntensity</td></tr> <tr><td>enumeration</td><td>InstrumentStatus</td></tr> <tr><td>enumeration</td><td>IonComposition</td></tr> <tr><td>enumeration</td><td>Irradiance</td></tr> <tr><td>enumeration</td><td>MagneticField</td></tr> <tr><td>enumeration</td><td>Magnetogram</td></tr> <tr><td>enumeration</td><td>NeutralAtomImages</td></tr> <tr><td>enumeration</td><td>NeutralGas</td></tr> <tr><td>enumeration</td><td>Profile</td></tr> <tr><td>enumeration</td><td>Radiance</td></tr> <tr><td>enumeration</td><td>Spectrum</td></tr> <tr><td>enumeration</td><td>ThermalPlasma</td></tr> <tr><td>enumeration</td><td>Waves</td></tr> <tr><td>enumeration</td><td>Waves.Active</td></tr> <tr><td>enumeration</td><td>Waves.Passive</td></tr> </table>	enumeration	ActivityIndex	enumeration	Dopplergram	enumeration	Dust	enumeration	ElectricField	enumeration	EnergeticParticles	enumeration	Ephemeris	enumeration	ImageIntensity	enumeration	InstrumentStatus	enumeration	IonComposition	enumeration	Irradiance	enumeration	MagneticField	enumeration	Magnetogram	enumeration	NeutralAtomImages	enumeration	NeutralGas	enumeration	Profile	enumeration	Radiance	enumeration	Spectrum	enumeration	ThermalPlasma	enumeration	Waves	enumeration	Waves.Active	enumeration	Waves.Passive
enumeration	ActivityIndex																																										
enumeration	Dopplergram																																										
enumeration	Dust																																										
enumeration	ElectricField																																										
enumeration	EnergeticParticles																																										
enumeration	Ephemeris																																										
enumeration	ImageIntensity																																										
enumeration	InstrumentStatus																																										
enumeration	IonComposition																																										
enumeration	Irradiance																																										
enumeration	MagneticField																																										
enumeration	Magnetogram																																										
enumeration	NeutralAtomImages																																										
enumeration	NeutralGas																																										
enumeration	Profile																																										
enumeration	Radiance																																										
enumeration	Spectrum																																										
enumeration	ThermalPlasma																																										
enumeration	Waves																																										
enumeration	Waves.Active																																										
enumeration	Waves.Passive																																										
Used by	Elements spase:DisplayData/spase:MeasurementType, spase:NumericalData/spase:MeasurementType																																										
Source	<pre><xsd:simpleType name="MeasurementType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the method of making an estimated value of a quantity that forms the basis of an observation.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ActivityIndex"/> <xsd:enumeration value="Dopplergram"/> <xsd:enumeration value="Dust"/> <xsd:enumeration value="ElectricField"/> <xsd:enumeration value="EnergeticParticles"/> <xsd:enumeration value="Ephemeris"/> <xsd:enumeration value="ImageIntensity"/> <xsd:enumeration value="InstrumentStatus"/> <xsd:enumeration value="IonComposition"/> <xsd:enumeration value="Irradiance"/> <xsd:enumeration value="MagneticField"/> <xsd:enumeration value="Magnetogram"/> <xsd:enumeration value="NeutralAtomImages"/> <xsd:enumeration value="NeutralGas"/> <xsd:enumeration value="Profile"/> <xsd:enumeration value="Radiance"/></pre>																																										

	<pre> <xsd:enumeration value="Spectrum"/> <xsd:enumeration value="ThermalPlasma"/> <xsd:enumeration value="Waves"/> <xsd:enumeration value="Waves.Active"/> <xsd:enumeration value="Waves.Passive"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Exposure

Namespace	http://www.spase-group.org/data/schema
Annotations	The time interval over which an individual measurement is taken.
Diagram	
Type	xsd:duration
Used by	Element spase:TemporalDescription/spase:Exposure
Source	<pre> <xsd:simpleType name="Exposure"> <xsd:annotation> <xsd:documentation xml:lang="en">The time interval over which an individual measurement is taken.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:duration"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:DisplayCadence

Namespace	http://www.spase-group.org/data/schema
Annotations	The time interval between the successive display elements.
Diagram	
Type	xsd:duration
Used by	Element spase:DisplayData/spase:DisplayCadence
Source	<pre> <xsd:simpleType name="DisplayCadence"> <xsd:annotation> <xsd:documentation xml:lang="en">The time interval between the successive display elements.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:duration"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Region

Namespace	http://www.spase-group.org/data/schema																
Annotations	Identifiers for areas of the physical world which may be occupied or observed.																
Diagram																	
Type	restriction of xsd:string																
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Asteroid</td> </tr> <tr> <td>enumeration</td> <td>Comet</td> </tr> <tr> <td>enumeration</td> <td>Earth</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosheath</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.Magnetotail</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.Main</td> </tr> <tr> <td>enumeration</td> <td>Earth.Magnetosphere.Polar</td> </tr> </table>	enumeration	Asteroid	enumeration	Comet	enumeration	Earth	enumeration	Earth.Magnetosheath	enumeration	Earth.Magnetosphere	enumeration	Earth.Magnetosphere.Magnetotail	enumeration	Earth.Magnetosphere.Main	enumeration	Earth.Magnetosphere.Polar
enumeration	Asteroid																
enumeration	Comet																
enumeration	Earth																
enumeration	Earth.Magnetosheath																
enumeration	Earth.Magnetosphere																
enumeration	Earth.Magnetosphere.Magnetotail																
enumeration	Earth.Magnetosphere.Main																
enumeration	Earth.Magnetosphere.Polar																

	enumeration	Earth.Magnetosphere.RadiationBelt
	enumeration	Earth.Moon
	enumeration	Earth.NearSurface
	enumeration	Earth.NearSurface.Atmosphere
	enumeration	Earth.NearSurface.AuroralRegion
	enumeration	Earth.NearSurface.EquatorialRegion
	enumeration	Earth.NearSurface.Ionosphere
	enumeration	Earth.NearSurface.Ionosphere.DRegion
	enumeration	Earth.NearSurface.Ionosphere.ERegion
	enumeration	Earth.NearSurface.Ionosphere.FRegion
	enumeration	Earth.NearSurface.Ionosphere.Topside
	enumeration	Earth.NearSurface.Mesosphere
	enumeration	Earth.NearSurface.Plasmasphere
	enumeration	Earth.NearSurface.PolarCap
	enumeration	Earth.NearSurface.SouthAtlanticAnomalyRegion
	enumeration	Earth.NearSurface.Stratosphere
	enumeration	Earth.NearSurface.Thermosphere
	enumeration	Earth.NearSurface.Troposphere
	enumeration	Earth.Surface
	enumeration	Heliosphere
	enumeration	Heliosphere.Heliosheath
	enumeration	Heliosphere.Inner
	enumeration	Heliosphere.NearEarth
	enumeration	Heliosphere.Outer
	enumeration	Heliosphere.Remote1AU
	enumeration	Interstellar
	enumeration	Jupiter
	enumeration	Mars
	enumeration	Mercury
	enumeration	Neptune
	enumeration	Pluto
	enumeration	Saturn
	enumeration	Sun
	enumeration	Sun.Chromosphere
	enumeration	Sun.Corona
	enumeration	Sun.Interior
	enumeration	Sun.Photosphere
	enumeration	Sun.TransitionRegion
	enumeration	Uranus
	enumeration	Venus
Used by	Elements	spase:DisplayData/spase:ObservedRegion, spase:Location/spase:ObservatoryRegion, spase:NumericalData/spase:ObservedRegion, spase:ObservationExtent/spase:ObservedRegion
Source	<pre> <xsd:simpleType name="Region"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for areas of the physical world which may be occupied or observed.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Asteroid"/> <xsd:enumeration value="Comet"/> <xsd:enumeration value="Earth"/> <xsd:enumeration value="Earth.Magnetosheath"/> <xsd:enumeration value="Earth.Magnetosphere"/> <xsd:enumeration value="Earth.Magnetosphere.Magnetotail"/> </pre>	

	<pre> <xsd:enumeration value="Earth.Magnetosphere.Main"/> <xsd:enumeration value="Earth.Magnetosphere.Polar"/> <xsd:enumeration value="Earth.Magnetosphere.RadiationBelt"/> <xsd:enumeration value="Earth.Moon"/> <xsd:enumeration value="Earth.NearSurface"/> <xsd:enumeration value="Earth.NearSurface.Atmosphere"/> <xsd:enumeration value="Earth.NearSurface.AuroralRegion"/> <xsd:enumeration value="Earth.NearSurface.EquatorialRegion"/> <xsd:enumeration value="Earth.NearSurface.Ionosphere"/> <xsd:enumeration value="Earth.NearSurface.Ionosphere.DRegion"/> <xsd:enumeration value="Earth.NearSurface.Ionosphere.ERegion"/> <xsd:enumeration value="Earth.NearSurface.Ionosphere.FRegion"/> <xsd:enumeration value="Earth.NearSurface.Ionosphere.Topside"/> <xsd:enumeration value="Earth.NearSurface.Mesosphere"/> <xsd:enumeration value="Earth.NearSurface.Plasmasphere"/> <xsd:enumeration value="Earth.NearSurface.PolarCap"/> <xsd:enumeration value="Earth.NearSurface.SouthAtlanticAnomalyRegion"/> <xsd:enumeration value="Earth.NearSurface.Stratosphere"/> <xsd:enumeration value="Earth.NearSurface.Thermosphere"/> <xsd:enumeration value="Earth.NearSurface.Troposphere"/> <xsd:enumeration value="Earth.Surface"/> <xsd:enumeration value="Heliosphere"/> <xsd:enumeration value="Heliosphere.Heliosheath"/> <xsd:enumeration value="Heliosphere.Inner"/> <xsd:enumeration value="Heliosphere.NearEarth"/> <xsd:enumeration value="Heliosphere.Outer"/> <xsd:enumeration value="Heliosphere.RemoteAU"/> <xsd:enumeration value="Interstellar"/> <xsd:enumeration value="Jupiter"/> <xsd:enumeration value="Mars"/> <xsd:enumeration value="Mercury"/> <xsd:enumeration value="Neptune"/> <xsd:enumeration value="Pluto"/> <xsd:enumeration value="Saturn"/> <xsd:enumeration value="Sun"/> <xsd:enumeration value="Sun.Chromosphere"/> <xsd:enumeration value="Sun.Corona"/> <xsd:enumeration value="Sun.Interior"/> <xsd:enumeration value="Sun.Photosphere"/> <xsd:enumeration value="Sun.TransitionRegion"/> <xsd:enumeration value="Uranus"/> <xsd:enumeration value="Venus"/> </xsd:restriction> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:DocumentType

Namespace	http://www.spase-group.org/data/schema														
Annotations	Identifiers for the characterization of the content or purpose of a document.														
Diagram															
Type	restriction of xsd:string														
Facets	<table border="1"> <tr><td>enumeration</td><td>Other</td></tr> <tr><td>enumeration</td><td>Poster</td></tr> <tr><td>enumeration</td><td>Presentation</td></tr> <tr><td>enumeration</td><td>Report</td></tr> <tr><td>enumeration</td><td>Specification</td></tr> <tr><td>enumeration</td><td>TechnicalNote</td></tr> <tr><td>enumeration</td><td>WhitePaper</td></tr> </table>	enumeration	Other	enumeration	Poster	enumeration	Presentation	enumeration	Report	enumeration	Specification	enumeration	TechnicalNote	enumeration	WhitePaper
enumeration	Other														
enumeration	Poster														
enumeration	Presentation														
enumeration	Report														
enumeration	Specification														
enumeration	TechnicalNote														
enumeration	WhitePaper														
Used by	Element spase:Document/spase:DocumentType														
Source	<pre> <xsd:simpleType name="DocumentType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the characterization of the content or purpose of a document.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Other"/> <xsd:enumeration value="Poster"/> <xsd:enumeration value="Presentation"/> </pre>														

	<pre> <xsd:enumeration value="Report"/> <xsd:enumeration value="Specification"/> <xsd:enumeration value="TechnicalNote"/> <xsd:enumeration value="WhitePaper"/> </xsd:restriction> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:MIMETYPE

Namespace	http://www.spase-group.org/data/schema
Annotations	<p>Multipurpose Internet Mail Extensions (MIME) type and sub-type which characterizes the format of a file. MIME media types are define in RFC memorandum RFC 2046. Current MIME types are maintained by Internet Assigned Numbers Authority (IANA) at http://www.iana.org/assignments/media-types/index.html. Commonly used MIME types are: application/vnd.ms-powerpoint (ppt, pptx), application/vnd.ms-excel (xls, xlsx), text/richtext (rtx), application/postscript (eps, ps), application/pdf (pdf), application/xml-dtd (dtd), text/html (htm, html), text/xml (xsl, xml, xsd), application/x-dvi (dvi). If a document is compressed the specified MIME type should be for the uncompressed document.</p>
Diagram	
Type	xsd:string
Used by	Element spase:Document/spase:MIMETYPE
Source	<pre> <xsd:simpleType name="MIMETYPE"> <xsd:annotation> <xsd:documentation xml:lang="en">Multipurpose Internet Mail Extensions (MIME) type and sub-type which characterizes the format of a file. MIME media types are define in RFC memorandum RFC 2046. Current MIME types are maintained by Internet Assigned Numbers Authority (IANA) at http://www.iana.org/assignments/media-types/index.html. Commonly used MIME types are: application/vnd.ms-powerpoint (ppt, pptx), application/vnd.ms-excel (xls, xlsx), text/richtext (rtx), application/postscript (eps, ps), application/pdf (pdf), application/xml-dtd (dtd), text/html (htm, html), text/xml (xsl, xml, xsd), application/x-dvi (dvi). If a document is compressed the specified MIME type should be for the uncompressed document.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ParentID

Namespace	http://www.spase-group.org/data/schema
Annotations	<p>The resource identifier for a resource that a resource is a part of. The resource inherits the attributes of the referenced resource. Attributes defined in the resource override attributes of the parent in the manner prescribed by the containing resource.</p>
Diagram	
Type	xsd:string
Used by	Element spase:Granule/spase:ParentID
Source	<pre> <xsd:simpleType name="ParentID"> <xsd:annotation> <xsd:documentation xml:lang="en">The resource identifier for a resource that a resource is a part of. The resource inherits the attributes of the referenced resource. Attributes defined in the resource override attributes of the parent in the manner prescribed by the containing resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:SourceType

Namespace	http://www.spase-group.org/data/schema											
Annotations	Identifiers for the characterization of the function or purpose of a source.											
Diagram	<pre> classDiagram class SourceType class xsd:string SourceType < -- xsd:string </pre>											
Type	restriction of xsd:string											
Facets	<table> <tr> <td>enumeration</td> <td>Ancillary</td> </tr> <tr> <td>enumeration</td> <td>Browse</td> </tr> <tr> <td>enumeration</td> <td>Data</td> </tr> <tr> <td>enumeration</td> <td>Layout</td> </tr> <tr> <td>enumeration</td> <td>Thumbnail</td> </tr> </table>		enumeration	Ancillary	enumeration	Browse	enumeration	Data	enumeration	Layout	enumeration	Thumbnail
enumeration	Ancillary											
enumeration	Browse											
enumeration	Data											
enumeration	Layout											
enumeration	Thumbnail											
Used by	Element	spase:Source/spase:SourceType										
Source	<pre> <xsd:simpleType name="SourceType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the characterization of the function or purpose of a source.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Ancillary"/> <xsd:enumeration value="Browse"/> <xsd:enumeration value="Data"/> <xsd:enumeration value="Layout"/> <xsd:enumeration value="Thumbnail"/> </xsd:restriction> </xsd:simpleType> </pre>											
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd											

Simple Type spase:MirrorURL

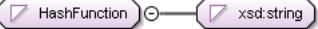
Namespace	http://www.spase-group.org/data/schema	
Annotations	A Uniform Resource Locator (URL) to an alternate location of a resource.	
Diagram	<pre> classDiagram class MirrorURL class xsd:anyURI MirrorURL < -- xsd:anyURI </pre>	
Type	xsd:anyURI	
Used by	Element	spase:Source/spase:MirrorURL
Source	<pre> <xsd:simpleType name="MirrorURL"> <xsd:annotation> <xsd:documentation xml:lang="en">A Uniform Resource Locator (URL) to an alternate location of a resource.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:anyURI"/> </xsd:simpleType> </pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:HashValue

Namespace	http://www.spase-group.org/data/schema	
Annotations	The value calculated by a hash function, e.g. the message digest of a digital data object.	
Diagram	<pre> classDiagram class HashValue class xsd:string HashValue < -- xsd:string </pre>	
Type	xsd:string	
Used by	Element	spase:Checksum/spase:HashValue
Source	<pre> <xsd:simpleType name="HashValue"> <xsd:annotation> <xsd:documentation xml:lang="en">The value calculated by a hash function, e.g. the message digest of a digital data object.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType> </pre>	

Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd
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Simple Type spase:HashFunction

Namespace	http://www.spase-group.org/data/schema							
Annotations	Identifiers for functions or algorithms that convert a digital data object into a hash value.							
Diagram								
Type	restriction of xsd:string							
Facets	<table> <tr> <td>enumeration</td> <td>MD5</td> </tr> <tr> <td>enumeration</td> <td>SHA1</td> </tr> <tr> <td>enumeration</td> <td>SHA256</td> </tr> </table>		enumeration	MD5	enumeration	SHA1	enumeration	SHA256
enumeration	MD5							
enumeration	SHA1							
enumeration	SHA256							
Used by	Element	spase:Checksum/spase:HashFunction						
Source	<pre><xsd:simpleType name="HashFunction"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for functions or algorithms that convert a digital data object into a hash value.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="MD5"/> <xsd:enumeration value="SHA1"/> <xsd:enumeration value="SHA256"/> </xsd:restriction> </xsd:simpleType></pre>							
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd							

Simple Type spase:InstrumentType

Namespace	http://www.spase-group.org/data/schema																																							
Annotations	Identifiers for the type of experiment the instrument performs. This is the technique of observation.																																							
Diagram																																								
Type	restriction of xsd:string																																							
Facets	<table> <tr> <td>enumeration</td> <td>Antenna</td> </tr> <tr> <td>enumeration</td> <td>Channeltron</td> </tr> <tr> <td>enumeration</td> <td>Coronograph</td> </tr> <tr> <td>enumeration</td> <td>DoubleSphere</td> </tr> <tr> <td>enumeration</td> <td>DustDetector</td> </tr> <tr> <td>enumeration</td> <td>ElectronDriftInstrument</td> </tr> <tr> <td>enumeration</td> <td>ElectrostaticAnalyser</td> </tr> <tr> <td>enumeration</td> <td>EnergeticParticleInstrument</td> </tr> <tr> <td>enumeration</td> <td>FaradayCup</td> </tr> <tr> <td>enumeration</td> <td>FluxFeedback</td> </tr> <tr> <td>enumeration</td> <td>FourierTransformSpectrograph</td> </tr> <tr> <td>enumeration</td> <td>GeigerMuellerTube</td> </tr> <tr> <td>enumeration</td> <td>Imager</td> </tr> <tr> <td>enumeration</td> <td>ImagingSpectrometer</td> </tr> <tr> <td>enumeration</td> <td>Interferometer</td> </tr> <tr> <td>enumeration</td> <td>IonChamber</td> </tr> <tr> <td>enumeration</td> <td>IonDrift</td> </tr> <tr> <td>enumeration</td> <td>LangmuirProbe</td> </tr> <tr> <td>enumeration</td> <td>LongWire</td> </tr> </table>		enumeration	Antenna	enumeration	Channeltron	enumeration	Coronograph	enumeration	DoubleSphere	enumeration	DustDetector	enumeration	ElectronDriftInstrument	enumeration	ElectrostaticAnalyser	enumeration	EnergeticParticleInstrument	enumeration	FaradayCup	enumeration	FluxFeedback	enumeration	FourierTransformSpectrograph	enumeration	GeigerMuellerTube	enumeration	Imager	enumeration	ImagingSpectrometer	enumeration	Interferometer	enumeration	IonChamber	enumeration	IonDrift	enumeration	LangmuirProbe	enumeration	LongWire
enumeration	Antenna																																							
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enumeration	Coronograph																																							
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enumeration	ElectrostaticAnalyser																																							
enumeration	EnergeticParticleInstrument																																							
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enumeration	Interferometer																																							
enumeration	IonChamber																																							
enumeration	IonDrift																																							
enumeration	LangmuirProbe																																							
enumeration	LongWire																																							

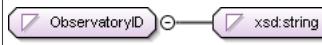
	enumeration	Magnetograph
	enumeration	Magnetometer
	enumeration	MassSpectrometer
	enumeration	MicrochannelPlate
	enumeration	MultispectralImager
	enumeration	NeutralAtomImager
	enumeration	NeutralParticleDetector
	enumeration	ParticleCorrelator
	enumeration	ParticleDetector
	enumeration	Photometer
	enumeration	PhotomultiplierTube
	enumeration	Photopolarimeter
	enumeration	Platform
	enumeration	ProportionalCounter
	enumeration	QuadrисphericalAnalyser
	enumeration	Radar
	enumeration	Radiometer
	enumeration	ResonanceSounder
	enumeration	RetardingPotentialAnalyser
	enumeration	Riometer
	enumeration	ScintillationDetector
	enumeration	SearchCoil
	enumeration	SolidStateDetector
	enumeration	Sounder
	enumeration	SpacecraftPotentialControl
	enumeration	SpectralPowerReceiver
	enumeration	Spectrometer
	enumeration	TimeOfFlight
	enumeration	Unspecified
	enumeration	WaveformReceiver
Used by	Element	spase:Instrument/spase:InstrumentType
Source	<pre> <xsd:simpleType name="InstrumentType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the type of experiment the instrument performs. This is the technique of observation.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Antenna"/> <xsd:enumeration value="Channeltron"/> <xsd:enumeration value="Coronograph"/> <xsd:enumeration value="DoubleSphere"/> <xsd:enumeration value="DustDetector"/> <xsd:enumeration value="ElectronDriftInstrument"/> <xsd:enumeration value="ElectrostaticAnalyser"/> <xsd:enumeration value="EnergeticParticleInstrument"/> <xsd:enumeration value="FaradayCup"/> <xsd:enumeration value="FluxFeedback"/> <xsd:enumeration value="FourierTransformSpectrograph"/> <xsd:enumeration value="GeigerMuellerTube"/> <xsd:enumeration value="Imager"/> <xsd:enumeration value="ImagingSpectrometer"/> <xsd:enumeration value="Interferometer"/> <xsd:enumeration value="IonChamber"/> <xsd:enumeration value="IonDrift"/> <xsd:enumeration value="LangmuirProbe"/> <xsd:enumeration value="LongWire"/> <xsd:enumeration value="Magnetograph"/> <xsd:enumeration value="Magnetometer"/> <xsd:enumeration value="MassSpectrometer"/> <xsd:enumeration value="MicrochannelPlate"/> <xsd:enumeration value="MultispectralImager"/> </xsd:restriction> </xsd:simpleType></pre>	

	<pre> <xsd:enumeration value="NeutralAtomImager" /> <xsd:enumeration value="NeutralParticleDetector" /> <xsd:enumeration value="ParticleCorrelator" /> <xsd:enumeration value="ParticleDetector" /> <xsd:enumeration value="Photometer" /> <xsd:enumeration value="PhotomultiplierTube" /> <xsd:enumeration value="Photopolarimeter" /> <xsd:enumeration value="Platform" /> <xsd:enumeration value="ProportionalCounter" /> <xsd:enumeration value="QuadrисphericalAnalyser" /> <xsd:enumeration value="Radar" /> <xsd:enumeration value="Radiometer" /> <xsd:enumeration value="ResonanceSounder" /> <xsd:enumeration value="RetardingPotentialAnalyser" /> <xsd:enumeration value="Riometer" /> <xsd:enumeration value="ScintillationDetector" /> <xsd:enumeration value="SearchCoil" /> <xsd:enumeration value="SolidStateDetector" /> <xsd:enumeration value="Sounder" /> <xsd:enumeration value="SpacecraftPotentialControl" /> <xsd:enumeration value="SpectralPowerReceiver" /> <xsd:enumeration value="Spectrometer" /> <xsd:enumeration value="TimeOfFlight" /> <xsd:enumeration value="Unspecified" /> <xsd:enumeration value="WaveformReceiver" /> </xsd:restriction> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:InvestigationName

Namespace	http://www.spase-group.org/data/schema
Annotations	The name given to the contract or engagement which enabled the data to be produced. Each investigation is associated with a Principal Investigator or Guest Investigator who was responsible for the original proposal. For single PI missions each major subsystem having its own identified Team Leader may also be classed as an "Investigation" for the purposes of data archiving.
Diagram	
Type	xsd:string
Used by	Element spase:Instrument/spase:InvestigationName
Source	<pre> <xsd:simpleType name="InvestigationName"> <xsd:annotation> <xsd:documentation xml:lang="en">The name given to the contract or engagement which enabled the data to be produced. Each investigation is associated with a Principal Investigator or Guest Investigator who was responsible for the original proposal. For single PI missions each major subsystem having its own identified Team Leader may also be classed as an "Investigation" for the purposes of data archiving.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ObservatoryID

Namespace	http://www.spase-group.org/data/schema
Annotations	The identifier of an Observatory resource.
Diagram	
Type	xsd:string
Used by	Element spase:Instrument/spase:ObservatoryID
Source	<pre> <xsd:simpleType name="ObservatoryID"> <xsd:annotation> <xsd:documentation xml:lang="en">The identifier of an Observatory resource.</xsd:documentation> </xsd:annotation> </xsd:simpleType> </pre>

	<pre><xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ObservatoryGroupID

Namespace	http://www.spase-group.org/data/schema
Annotations	The identifier of an Observatory resource which the referring resource is a member of.
Diagram	
Type	xsd:string
Used by	Element spase:Observatory/spase:ObservatoryGroupID
Source	<pre><xsd:simpleType name="ObservatoryGroupID"> <xsd:annotation> <xsd:documentation xml:lang="en">The identifier of an Observatory resource which the referring resource is a member of.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Latitude

Namespace	http://www.spase-group.org/data/schema
Annotations	The angular distance north (positive) or south (negative) from the equator, measured along the meridian passing through the point.
Diagram	
Type	xsd:double
Used by	Element spase:Location/spase:Latitude
Source	<pre><xsd:simpleType name="Latitude"> <xsd:annotation> <xsd:documentation xml:lang="en">The angular distance north (positive) or south (negative) from the equator, measured along the meridian passing through the point.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Longitude

Namespace	http://www.spase-group.org/data/schema
Annotations	The angular distance measured west (positive) or east (negative) from a north-south line called the Prime Meridian.
Diagram	
Type	xsd:double
Used by	Element spase:Location/spase:Longitude
Source	<pre><xsd:simpleType name="Longitude"> <xsd:annotation> <xsd:documentation xml:lang="en">The angular distance measured west (positive) or east (negative) from a north-south line called the Prime Meridian.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Elevation

Namespace	http://www.spase-group.org/data/schema
Annotations	The distance in meters above (positive) or below (negative) the "zero elevation" defined by the World Geodetic System reference frame (WGS84).
Diagram	
Type	xsd:double
Used by	Element spase:Location/spase:Elevation
Source	<pre><xsd:simpleType name="Elevation"> <xsd:annotation> <xsd:documentation xml:lang="en">The distance in meters above (positive) or below (negative) the "zero elevation" defined by the World Geodetic System reference frame (WGS84).</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:double"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:PersonName

Namespace	http://www.spase-group.org/data/schema
Annotations	The words used to address an individual.
Diagram	
Type	xsd:string
Used by	Element spase:Person/spase:PersonName
Source	<pre><xsd:simpleType name="PersonName"> <xsd:annotation> <xsd:documentation xml:lang="en">The words used to address an individual.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:OrganizationName

Namespace	http://www.spase-group.org/data/schema
Annotations	A unit within a company or other entity (e.g., Government agency or branch of service) within which many projects are managed as a whole.
Diagram	
Type	xsd:string
Used by	Element spase:Person/spase:OrganizationName
Source	<pre><xsd:simpleType name="OrganizationName"> <xsd:annotation> <xsd:documentation xml:lang="en">A unit within a company or other entity (e.g., Government agency or branch of service) within which many projects are managed as a whole.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Address

Namespace	http://www.spase-group.org/data/schema
Annotations	Directions for finding some location; written on letters or packages that are to be delivered to that location.

Diagram	
Type	xsd:string
Used by	Element spase:Person/spase:Address
Source	<pre><xsd:simpleType name="Address"> <xsd:annotation> <xsd:documentation xml:lang="en">Directions for finding some location; written on letters or packages that are to be delivered to that location.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Email

Namespace	http://www.spase-group.org/data/schema
Annotations	The electronic address at which the individual may be contacted expressed in the form "local-part@domain".
Diagram	
Type	xsd:string
Used by	Element spase:Person/spase:Email
Source	<pre><xsd:simpleType name="Email"> <xsd:annotation> <xsd:documentation xml:lang="en">The electronic address at which the individual may be contacted expressed in the form "local-part@domain".</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:PhoneNumber

Namespace	http://www.spase-group.org/data/schema
Annotations	The symbols and numerals required to contact an individual by telephone. The string may contain punctuation marks such as dash (-) or dot (.) to separate fields within the string.
Diagram	
Type	xsd:string
Used by	Element spase:Person/spase:PhoneNumber
Source	<pre><xsd:simpleType name="PhoneNumber"> <xsd:annotation> <xsd:documentation xml:lang="en">The symbols and numerals required to contact an individual by telephone. The string may contain punctuation marks such as dash (-) or dot (.) to separate fields within the string.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string" /> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:FaxNumber

Namespace	http://www.spase-group.org/data/schema
Annotations	The symbols and numerals required to send a facsimile (FAX) to an individual by telephone. The string may contain punctuation marks such as dash (-) or dot (.) to separate fields within the string.
Diagram	

Type	xsd:string
Used by	Element spase:Person/spase:FaxNumber
Source	<pre><xsd:simpleType name="FaxNumber"> <xsd:annotation> <xsd:documentation xml:lang="en">The symbols and numerals required to send a facsimile (FAX) to an individual by telephone. The string may contain punctuation marks such as dash (-) or dot (.) to separate fields within the string.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:ImageURL

Namespace	http://www.spase-group.org/data/schema
Annotations	A URL to graphic, image or movie.
Diagram	A UML class diagram fragment showing a class 'ImageURL' with a hollow diamond symbol indicating it is a restriction, connected by a line to a class 'xsd:anyURI'.
Type	xsd:anyURI
Used by	Element spase:Annotation/spase:ImageURL
Source	<pre><xsd:simpleType name="ImageURL"> <xsd:annotation> <xsd:documentation xml:lang="en">A URL to graphic, image or movie.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:anyURI"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:AnnotationType

Namespace	http://www.spase-group.org/data/schema						
Annotations	Identifiers for an classification of an annotation.						
Diagram	A UML class diagram fragment showing a class 'AnnotationType' with a hollow diamond symbol indicating it is a restriction, connected by a line to a class 'xsd:string'.						
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td> <td>Anomaly</td> </tr> <tr> <td>enumeration</td> <td>Event</td> </tr> <tr> <td>enumeration</td> <td>Feature</td> </tr> </table>	enumeration	Anomaly	enumeration	Event	enumeration	Feature
enumeration	Anomaly						
enumeration	Event						
enumeration	Feature						
Used by	Element spase:Annotation/spase:AnnotationType						
Source	<pre><xsd:simpleType name="AnnotationType"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for an classification of an annotation.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Anomaly"/> <xsd:enumeration value="Event"/> <xsd:enumeration value="Feature"/> </xsd:restriction> </xsd:simpleType></pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Simple Type spase:ClassificationMethod

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for the technique used to determine the characteristics of an object.
Diagram	A UML class diagram fragment showing a class 'ClassificationMethod' with a hollow diamond symbol indicating it is a restriction, connected by a line to a class 'xsd:string'.

Type	restriction of xsd:string	
Facets	enumeration	Automatic
	enumeration	Inferred
	enumeration	Inspection
Used by	Element	spase:Annotation/spase:ClassificationMethod
Source	<pre><xsd:simpleType name="ClassificationMethod"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the technique used to determine the characteristics of an object.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Automatic"/> <xsd:enumeration value="Inferred"/> <xsd:enumeration value="Inspection"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:ConfidenceRating

Namespace	http://www.spase-group.org/data/schema	
Annotations	Identifiers for the classification of the certainty of an assertion.	
Diagram	<pre> classDiagram class ConfidenceRating { <<xsd:restriction base="xsd:string">> } class xsd:string ConfidenceRating o-- xsd:string </pre>	
Type	restriction of xsd:string	
Facets	enumeration	Probable
		Strong
		Unlikely
		Weak
Used by	Element	spase:Annotation/spase:ConfidenceRating
Source	<pre><xsd:simpleType name="ConfidenceRating"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the classification of the certainty of an assertion.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Probable"/> <xsd:enumeration value="Strong"/> <xsd:enumeration value="Unlikely"/> <xsd:enumeration value="Weak"/> </xsd:restriction> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:StartLocation

Namespace	http://www.spase-group.org/data/schema	
Annotations	The initial position in space.	
Diagram	<pre> classDiagram class StartLocation { <<xsd:restriction base="xsd:string">> } class xsd:string StartLocation o-- xsd:string </pre>	
Type	xsd:string	
Used by	Element	spase:ObservationExtent/spase:StartLocation
Source	<pre><xsd:simpleType name="StartLocation"> <xsd:annotation> <xsd:documentation xml:lang="en">The initial position in space.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>	
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd	

Simple Type spase:StopLocation

Namespace	http://www.spase-group.org/data/schema
Annotations	The final position in space.
Diagram	
Type	xsd:string
Used by	Element spase:ObservationExtent/spase:StopLocation
Source	<pre><xsd:simpleType name="StopLocation"> <xsd:annotation> <xsd:documentation xml:lang="en">The final position in space.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Component

Namespace	http://www.spase-group.org/data/schema						
Annotations	Identifiers for the axis of coordinate systems.						
Diagram							
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td> <td>I</td> </tr> <tr> <td>enumeration</td> <td>J</td> </tr> <tr> <td>enumeration</td> <td>K</td> </tr> </table>	enumeration	I	enumeration	J	enumeration	K
enumeration	I						
enumeration	J						
enumeration	K						
Source	<pre><xsd:simpleType name="Component"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the axis of coordinate systems.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="I"/> <xsd:enumeration value="J"/> <xsd:enumeration value="K"/> </xsd:restriction> </xsd:simpleType></pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Simple Type spase:DirectionAngle

Namespace	http://www.spase-group.org/data/schema						
Annotations	Identifiers for the angle between a vector and a base axis.						
Diagram							
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td> <td>AzimuthAngle</td> </tr> <tr> <td>enumeration</td> <td>ElevationAngle</td> </tr> <tr> <td>enumeration</td> <td>PolarAngle</td> </tr> </table>	enumeration	AzimuthAngle	enumeration	ElevationAngle	enumeration	PolarAngle
enumeration	AzimuthAngle						
enumeration	ElevationAngle						
enumeration	PolarAngle						
Source	<pre><xsd:simpleType name="DirectionAngle"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the angle between a vector and a base axis.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="AzimuthAngle"/> <xsd:enumeration value="ElevationAngle"/> <xsd:enumeration value="PolarAngle"/> </xsd:restriction> </xsd:simpleType></pre>						

Schema
location

file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Earth

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for the regions surrounding the Earth.
Diagram	
Type	restriction of xsd:string
Facets	enumeration Magnetosheath enumeration Magnetosphere enumeration Magnetosphere.Magnetotail enumeration Magnetosphere.Main enumeration Magnetosphere.Polar enumeration Magnetosphere.RadiationBelt enumeration Moon enumeration NearSurface enumeration NearSurface.Atmosphere enumeration NearSurface.AuroralRegion enumeration NearSurface.EquatorialRegion enumeration NearSurface.Ionosphere enumeration NearSurface.Ionosphere.DRegion enumeration NearSurface.Ionosphere.ERegion enumeration NearSurface.Ionosphere.FRegion enumeration NearSurface.Ionosphere.Topside enumeration NearSurface.Mesosphere enumeration NearSurface.Plasmasphere enumeration NearSurface.PolarCap enumeration NearSurface.SouthAtlanticAnomalyRegion enumeration NearSurface.Stratosphere enumeration NearSurface.Thermosphere enumeration NearSurface.Troposphere enumeration Surface
Source	<pre> <xsd:simpleType name="Earth"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the regions surrounding the Earth.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Magnetosheath"/> <xsd:enumeration value="Magnetosphere"/> <xsd:enumeration value="Magnetosphere.Magnetotail"/> <xsd:enumeration value="Magnetosphere.Main"/> <xsd:enumeration value="Magnetosphere.Polar"/> <xsd:enumeration value="Magnetosphere.RadiationBelt"/> <xsd:enumeration value="Moon"/> <xsd:enumeration value="NearSurface"/> <xsd:enumeration value="NearSurface.Atmosphere"/> <xsd:enumeration value="NearSurface.AuroralRegion"/> <xsd:enumeration value="NearSurface.EquatorialRegion"/> <xsd:enumeration value="NearSurface.Ionosphere"/> <xsd:enumeration value="NearSurface.Ionosphere.DRegion"/> <xsd:enumeration value="NearSurface.Ionosphere.ERegion"/> <xsd:enumeration value="NearSurface.Ionosphere.FRegion"/> <xsd:enumeration value="NearSurface.Ionosphere.Topside"/> <xsd:enumeration value="NearSurface.Mesosphere"/> <xsd:enumeration value="NearSurface.Plasmasphere"/> <xsd:enumeration value="NearSurface.PolarCap"/> <xsd:enumeration value="NearSurface.SouthAtlanticAnomalyRegion"/> <xsd:enumeration value="NearSurface.Stratosphere"/> </pre>

	<pre> <xsd:enumeration value="NearSurface.Thermosphere"/> <xsd:enumeration value="NearSurface.Troposphere"/> <xsd:enumeration value="Surface"/> </xsd:restriction> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Hardcopy

Namespace	http://www.spase-group.org/data/schema												
Annotations	Identifiers for permanent reproductions, or copy in the form of a physical object, of any media suitable for direct use by a person.												
Diagram													
Type	restriction of xsd:string												
Facets	<table> <tr> <td>enumeration</td> <td>Film</td> </tr> <tr> <td>enumeration</td> <td>Microfiche</td> </tr> <tr> <td>enumeration</td> <td>Microfilm</td> </tr> <tr> <td>enumeration</td> <td>Photograph</td> </tr> <tr> <td>enumeration</td> <td>PhotographicPlate</td> </tr> <tr> <td>enumeration</td> <td>Print</td> </tr> </table>	enumeration	Film	enumeration	Microfiche	enumeration	Microfilm	enumeration	Photograph	enumeration	PhotographicPlate	enumeration	Print
enumeration	Film												
enumeration	Microfiche												
enumeration	Microfilm												
enumeration	Photograph												
enumeration	PhotographicPlate												
enumeration	Print												
Source	<pre> <xsd:simpleType name="Hardcopy"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for permanent reproductions, or copy in the form of a physical object, of any media suitable for direct use by a person.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Film"/> <xsd:enumeration value="Microfiche"/> <xsd:enumeration value="Microfilm"/> <xsd:enumeration value="Photograph"/> <xsd:enumeration value="PhotographicPlate"/> <xsd:enumeration value="Print"/> </xsd:restriction> </xsd:simpleType> </pre>												
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd												

Simple Type spase:Heliosphere

Namespace	http://www.spase-group.org/data/schema										
Annotations	Identifiers for regions of the solar atmosphere which extends roughly from the inner corona to the edge of the solar plasma at the heliopause separating primarily solar plasma from interstellar plasma.										
Diagram											
Type	restriction of xsd:string										
Facets	<table> <tr> <td>enumeration</td> <td>Heliosheath</td> </tr> <tr> <td>enumeration</td> <td>Inner</td> </tr> <tr> <td>enumeration</td> <td>NearEarth</td> </tr> <tr> <td>enumeration</td> <td>Outer</td> </tr> <tr> <td>enumeration</td> <td>Remote1AU</td> </tr> </table>	enumeration	Heliosheath	enumeration	Inner	enumeration	NearEarth	enumeration	Outer	enumeration	Remote1AU
enumeration	Heliosheath										
enumeration	Inner										
enumeration	NearEarth										
enumeration	Outer										
enumeration	Remote1AU										
Source	<pre> <xsd:simpleType name="Heliosphere"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for regions of the solar atmosphere which extends roughly from the inner corona to the edge of the solar plasma at the heliopause separating primarily solar plasma from interstellar plasma.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Heliosheath"/> <xsd:enumeration value="Inner"/> <xsd:enumeration value="NearEarth"/> </xsd:restriction> </xsd:simpleType> </pre>										

	<pre> <xsd:enumeration value="Outer"/> <xsd:enumeration value="RemoteAU"/> </xsd:restriction> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Integral

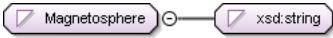
Namespace	http://www.spase-group.org/data/schema						
Annotations	Identifiers for values above a given threshold and over area or solid-angle range.						
Diagram	A UML class diagram showing 'Integral' as a restriction of 'xsd:string'. 'Integral' is represented by a rounded rectangle with a purple border and a checkmark icon. It has a directed association with 'xsd:string' (also a rounded rectangle with a purple border and a checkmark icon) via a line with an open circle at the 'Integral' end.						
Type	restriction of xsd:string						
Facets	<table> <tr> <td>enumeration</td> <td>Area</td> </tr> <tr> <td>enumeration</td> <td>Bandwidth</td> </tr> <tr> <td>enumeration</td> <td>SolidAngle</td> </tr> </table>	enumeration	Area	enumeration	Bandwidth	enumeration	SolidAngle
enumeration	Area						
enumeration	Bandwidth						
enumeration	SolidAngle						
Source	<pre> <xsd:simpleType name="Integral"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for values above a given threshold and over area or solid-angle range.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Area"/> <xsd:enumeration value="Bandwidth"/> <xsd:enumeration value="SolidAngle"/> </xsd:restriction> </xsd:simpleType> </pre>						
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd						

Simple Type spase:Ionosphere

Namespace	http://www.spase-group.org/data/schema								
Annotations	Identifiers for ionospheric regions.								
Diagram	A UML class diagram showing 'Ionosphere' as a restriction of 'xsd:string'. 'Ionosphere' is represented by a rounded rectangle with a purple border and a checkmark icon. It has a directed association with 'xsd:string' (also a rounded rectangle with a purple border and a checkmark icon) via a line with an open circle at the 'Ionosphere' end.								
Type	restriction of xsd:string								
Facets	<table> <tr> <td>enumeration</td> <td>DRegion</td> </tr> <tr> <td>enumeration</td> <td>ERegion</td> </tr> <tr> <td>enumeration</td> <td>FRegion</td> </tr> <tr> <td>enumeration</td> <td>Topside</td> </tr> </table>	enumeration	DRegion	enumeration	ERegion	enumeration	FRegion	enumeration	Topside
enumeration	DRegion								
enumeration	ERegion								
enumeration	FRegion								
enumeration	Topside								
Source	<pre> <xsd:simpleType name="Ionosphere"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for ionospheric regions.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="DRegion"/> <xsd:enumeration value="ERegion"/> <xsd:enumeration value="FRegion"/> <xsd:enumeration value="Topside"/> </xsd:restriction> </xsd:simpleType> </pre>								
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd								

Simple Type spase:Magnetosphere

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for the region of space above the atmosphere or surface of the planet, and bounded by the magnetopause, that is under the direct influence of planet's magnetic field.

Diagram	
Type	restriction of xsd:string
Facets	enumeration Magnetotail
	enumeration Main
	enumeration Polar
	enumeration RadiationBelt
Source	<pre> <xsd:simpleType name="Magnetosphere"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the region of space above the atmosphere or surface of the planet, and bounded by the magnetopause, that is under the direct influence of planet's magnetic field.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Magnetotail"/> <xsd:enumeration value="Main"/> <xsd:enumeration value="Polar"/> <xsd:enumeration value="RadiationBelt"/> </xsd:restriction> </xsd:simpleType> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:NearSurface

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for regions of the gaseous and possibly ionized environment of a body extending from the surface to some specified altitude.
Diagram	
Type	restriction of xsd:string
Facets	enumeration Atmosphere
	enumeration AuroralRegion
	enumeration EquatorialRegion
	enumeration Ionosphere
	enumeration Ionosphere.DRegion
	enumeration Ionosphere.ERegion
	enumeration Ionosphere.FRegion
	enumeration Ionosphere.Topside
	enumeration Mesosphere
	enumeration Plasmasphere
	enumeration PolarCap
	enumeration SouthAtlanticAnomalyRegion
	enumeration Stratosphere
	enumeration Thermosphere
	enumeration Troposphere
Source	<pre> <xsd:simpleType name="NearSurface"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for regions of the gaseous and possibly ionized environment of a body extending from the surface to some specified altitude.</xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Atmosphere"/> <xsd:enumeration value="AuroralRegion"/> <xsd:enumeration value="EquatorialRegion"/> <xsd:enumeration value="Ionosphere"/> <xsd:enumeration value="Ionosphere.DRegion"/> <xsd:enumeration value="Ionosphere.ERegion"/> <xsd:enumeration value="Ionosphere.FRegion"/> <xsd:enumeration value="Ionosphere.Topside"/> <xsd:enumeration value="Mesosphere"/> <xsd:enumeration value="Plasmasphere"/> </xsd:restriction> </xsd:simpleType> </pre>

```
<xsd:enumeration value="PolarCap" />
<xsd:enumeration value="SouthAtlanticAnomalyRegion" />
<xsd:enumeration value="Stratosphere" />
<xsd:enumeration value="Thermosphere" />
<xsd:enumeration value="Troposphere" />
</xsd:restriction>
</xsd:simpleType>
```

Annotations	Identifiers for the encoding of sequences of characters.
Diagram	
Type	restriction of xsd:string
Facets	enumeration ASCII enumeration Unicode
Source	<pre><xsd:simpleType name="Text"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for the encoding of sequences of characters.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="ASCII"/> <xsd:enumeration value="Unicode"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:Waves

Namespace	http://www.spase-group.org/data/schema
Annotations	Identifiers for experimental and natural wave phenomena.
Diagram	
Type	restriction of xsd:string
Facets	enumeration Active enumeration Passive
Source	<pre><xsd:simpleType name="Waves"> <xsd:annotation> <xsd:documentation xml:lang="en">Identifiers for experimental and natural wave phenomena.</ xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:enumeration value="Active"/> <xsd:enumeration value="Passive"/> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:typeStringSequence

Namespace	http://www.spase-group.org/data/schema
Annotations	<pre><xsd:annotation> <xsd:documentation xml:lang="en"> </xsd:documentation> </xsd:annotation></pre>
Diagram	
Type	list of xsd:string
Source	<pre><xsd:simpleType name="typeStringSequence"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en"> </xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> <xsd:list itemType="xsd:string"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:typeFloatSequence

Namespace	http://www.spase-group.org/data/schema
Annotations	<pre><xsd:annotation> <xsd:documentation xml:lang="en"> </xsd:documentation> </xsd:annotation></pre>
Diagram	
Type	list of xsd:float
Source	<pre><xsd:simpleType name="typeFloatSequence"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en"> </xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> <xsd:list itemType="xsd:float"/> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Simple Type spase:typeID

Namespace	http://www.spase-group.org/data/schema
Annotations	<pre><xsd:annotation> <xsd:documentation xml:lang="en">SPASE Identifier</xsd:documentation> </xsd:annotation></pre>
Diagram	
Type	restriction of xsd:string
Facets	pattern spase://[^/]+/.+
Source	<pre><xsd:simpleType name="typeID"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en">SPASE Identifier</xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> <xsd:restriction base="xsd:string"> <xsd:pattern value="spase://[^/]+/.+/" /> </xsd:restriction> </xsd:simpleType></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Attribute(s)

Attribute spase:Spase / @spase:lang

Namespace	http://www.spase-group.org/data/schema
Type	xsd:string
Properties	default: en
Used by	Complex Type spase:Spase
Source	<pre><xsd:attribute name="lang" type="xsd:string" default="en" /></pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Attribute spase:typeValue / @spase:Units

Namespace	http://www.spase-group.org/data/schema
Annotations	<pre><xsd:annotation></pre>

	<pre> <xsd:documentation xml:lang="en">A description of the standardized measurement increments in which a value is specified. The description is represented as a mathematical phrase. Units should be represented by widely accepted representation. For example, units should conform to the International System of Units (SI) which is maintained by BIPM (Bureau International des Poids et Mesures (see <http://www.bipm.fr/>) when appropriate or use tokens like "Re" to represent units of the Radius of the Earth. Within a phrase the circumflex (^) is used to indicate a power, a star (*) is used to indicate multiplication and a slash (/) division. When symbols are not separated by a mathematical operator, multiplication is assumed. Symbols for base units can be found at: <http:// www.bipm.fr/en/si/si_brochure/chapter2/2-1/#symbols> and those for common derived units can be found at: <http://www.bipm.fr/en/si/derived_units/2-2-2.html></xsd:documentation> </xsd:annotation> </pre>
Type	xsd:string
Properties	content: simple
Used by	Complex Type spase:typeValue
Source	<pre> <xsd:attribute name="Units" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en">A description of the standardized measurement increments in which a value is specified. The description is represented as a mathematical phrase. Units should be represented by widely accepted representation. For example, units should conform to the International System of Units (SI) which is maintained by BIPM (Bureau International des Poids et Mesures (see <http://www.bipm.fr/>) when appropriate or use tokens like "Re" to represent units of the Radius of the Earth. Within a phrase the circumflex (^) is used to indicate a power, a star (*) is used to indicate multiplication and a slash (/) division. When symbols are not separated by a mathematical operator, multiplication is assumed. Symbols for base units can be found at: <http:// www.bipm.fr/en/si/si_brochure/chapter2/2-1/#symbols> and those for common derived units can be found at: <http://www.bipm.fr/en/si/derived_units/2-2-2.html></xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> </xsd:attribute> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd

Attribute spase:typeValue / @spase:UnitsConversion

Namespace	http://www.spase-group.org/data/schema
Annotations	<pre> <xsd:annotation> <xsd:documentation xml:lang="en">The multiplicative factor for converting a unit into International System of Units (SI) units. The factor is expressed in the form "number > x", where "number" is a numerical value and "x" is the appropriate SI units. The basic SI units are Enumerated: m (meter), N (newton), kg (kilogram), Pa (pascal), s (second), Hz (hertz), A (ampere), V (volt), K (kelvin), W (watt), rad (radian), J (joule), sr (steradian), C (coulomb), T (tesla), ohm (ohm), mho (mho or seimens), H (henry), and F (farad). Two useful units which are not SI units are: degree (angle), and unitless (no units). An example is: "1.0E-9>T" which converts the units, presumable nT, to Tesla. Another example is: "1.0e+3>m/s" which converts a velocity expressed in kilometers per second to meters per second.</xsd:documentation> </xsd:annotation> </pre>
Type	xsd:string
Properties	content: simple
Used by	Complex Type spase:typeValue
Source	<pre> <xsd:attribute name="UnitsConversion" type="xsd:string"> <xsd:annotation> <xsd:documentation xml:lang="en"> <xsd:annotation> <xsd:documentation xml:lang="en">The multiplicative factor for converting a unit into International System of Units (SI) units. The factor is expressed in the form "number > x", where "number" is a numerical value and "x" is the appropriate SI units. The basic SI units are Enumerated: m (meter), N (newton), kg (kilogram), Pa (pascal), s (second), Hz (hertz), A (ampere), V (volt), K (kelvin), W (watt), rad (radian), J (joule), sr (steradian), C (coulomb), T (tesla), ohm (ohm), mho (mho or seimens), H (henry), and F (farad). Two useful units which are not SI units are: degree (angle), and unitless (no units). An example is: "1.0E-9>T" which converts the units, presumable nT, to Tesla. Another example is: "1.0e+3>m/s" which converts a velocity expressed in kilometers per second to meters per second.</xsd:documentation> </xsd:annotation> </xsd:documentation> </xsd:annotation> </xsd:attribute> </pre>
Schema location	file:/C:/Projects/spase/java/model-tools/build/bin/spase-2_2_3.xsd