

# Schema documentation for Exame.xsd

november 30, 2017

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**Namespace: "http://www.estg.ipp.pt/exame"****Schema(s)****Main schema Examex.xsd**

Namespace	http://www.estg.ipp.pt/exame		
Properties	attribute form default:	unqualified	
	element form default:	unqualified	

**Element(s)****Element examex**

Namespace	http://www.estg.ipp.pt/exame			
Diagram				
Type	exameType			
Properties	content:	complex		
Model	epoca , Hora , Data , Duracao , Responsavel , Sala			
Children	Data, Duracao, Hora, Responsavel, Sala, epoca			
Instance	<pre>&lt;exame Tipologia=" " xmlns="http://www.estg.ipp.pt/exame"&gt;   &lt;epoca&gt;{1,1}&lt;/epoca&gt;   &lt;Hora&gt;{1,1}&lt;/Hora&gt;   &lt;Data&gt;{1,1}&lt;/Data&gt;   &lt;Duracao&gt;{1,1}&lt;/Duracao&gt;   &lt;Responsavel cod=" " tipologia=" "&gt;{1,1}&lt;/Responsavel&gt;   &lt;Sala&gt;{1,1}&lt;/Sala&gt; &lt;/exame&gt;</pre>			
Attributes	QName	Type	Use	
	Tipologia	avaliacaoType	required	
Source	<xs:element name="exame" type="exameType" />			

**Complex Type(s)****Complex Type examexType**

Namespace	http://www.estg.ipp.pt/exame
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Diagram	<p>The diagram shows a complex type 'exameType' (purple box) which is a sequence of six elements (blue boxes): 'epoca' (type 'epocaType'), 'Hora' (type 'xs:time'), 'Data' (type 'xs:date'), 'Duracao' (type 'xs:duration'), 'Responsavel' (type 'd:Docente'), and 'Sala' (type 'salaType'). Additionally, 'exameType' has a required attribute 'Tipologia' (yellow box) of type 'avaliacaoType'.</p>			
Used by	Elements	exame, exameType/exame		
Model	epoca , Hora , Data , Duracao , Responsavel , Sala			
Children	Data, Duracao, Hora, Responsavel, Sala, epoca			
Attributes	<b>QName</b>	<b>Type</b>	<b>Use</b>	
	<b>Tipologia</b>	avaliacaoType	required	
Source	<pre>&lt;xs:complexType name="exameType"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="epoca" type="epocaType"/&gt;     &lt;xs:element name="Hora" type="xs:time"/&gt;     &lt;xs:element name="Data" type="xs:date"/&gt;     &lt;xs:element name="Duracao" type="xs:duration"/&gt;     &lt;xs:element name="Responsavel" type="d:Docente"/&gt;     &lt;xs:element name="Sala" type="salaType"/&gt;   &lt;/xs:sequence&gt;   &lt;xs:attribute name="Tipologia" type="avaliacaoType" use="required"/&gt; &lt;/xs:complexType&gt;</pre>			

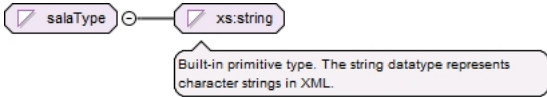
## Simple Type(s)

### Simple Type epocaType

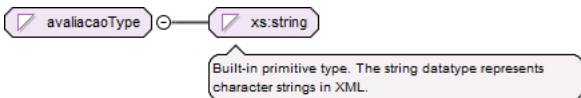
Namespace	http://www.estg.ipp.pt/exame		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Epoca_Normal	
	enumeration	Epoca_Recurso	
	enumeration	Epoca_Especial	
Used by	Element	exameType/epoca	
Source	<pre>&lt;xs:simpleType name="epocaType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Epoca_Normal"/&gt;     &lt;xs:enumeration value="Epoca_Recurso"/&gt;     &lt;xs:enumeration value="Epoca_Especial"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

### Simple Type salaType

Namespace	http://www.estg.ipp.pt/exame
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Diagram					
Type	restriction of xs:string				
Facets	<table border="1"> <tr> <td>enumeration</td><td>Normal</td></tr> <tr> <td>enumeration</td><td>Informatica</td></tr> </table>	enumeration	Normal	enumeration	Informatica
enumeration	Normal				
enumeration	Informatica				
Used by	Element examType/Sala				
Source	<pre> &lt;xs:simpleType name="salaType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Normal" /&gt;     &lt;xs:enumeration value="Informatica" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>				

### Simple Type avaliacaoType

Namespace	http://www.estg.ipp.pt/exame								
Diagram									
Type	restriction of xs:string								
Facets	<table border="1"> <tr> <td>enumeration</td><td>T</td></tr> <tr> <td>enumeration</td><td>PL</td></tr> <tr> <td>enumeration</td><td>TP</td></tr> <tr> <td>enumeration</td><td>OT</td></tr> </table>	enumeration	T	enumeration	PL	enumeration	TP	enumeration	OT
enumeration	T								
enumeration	PL								
enumeration	TP								
enumeration	OT								
Used by	Attribute examType/@Tipologia								
Source	<pre> &lt;xs:simpleType name="avaliacaoType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="T" /&gt;     &lt;xs:enumeration value="PL" /&gt;     &lt;xs:enumeration value="TP" /&gt;     &lt;xs:enumeration value="OT" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>								

## Namespace: "http://www.estg.ipp.pt/curso"


### Schema(s)

#### Imported schema curso.xsd

Namespace	http://www.estg.ipp.pt/curso				
Properties	<table border="1"> <tr> <td>attribute form default:</td><td>unqualified</td></tr> <tr> <td>element form default:</td><td>unqualified</td></tr> </table>	attribute form default:	unqualified	element form default:	unqualified
attribute form default:	unqualified				
element form default:	unqualified				

### Complex Type(s)

#### Complex Type unidades

Namespace	http://www.estg.ipp.pt/curso
Diagram	
Used by	Element curso/unidades
Model	unidade+
Children	unidade

Source	<pre> &lt;xs:complexType name="unidades"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="unidade" type="unidadeType" minOccurs="1" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt; </pre>
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## Complex Type unidadeType

Namespace	http://www.estg.ipp.pt/curso											
Diagram												
Used by	Element	unidades/unidade										
Model	nome , regente , docentes , ano , semestre , exames , Area_cientifica											
Children	Area_cientifica, ano, docentes, exames, nome, regente, semestre											
Attributes	<table><thead><tr><th>QName</th><th>Type</th><th>Use</th><th></th></tr></thead><tbody><tr><td>codigo</td><td>codType</td><td>required</td><td></td></tr></tbody></table>	QName	Type	Use		codigo	codType	required				
QName	Type	Use										
codigo	codType	required										
Source	<pre>&lt;xs:complexType name="unidadeType"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="nome" type="xs:string"/&gt;     &lt;xs:element name="regente" type="d:Docente"/&gt;     &lt;xs:element name="docentes" type="docentesType"/&gt;     &lt;xs:element name="ano" type="xs:int"/&gt;     &lt;xs:element name="semestre" type="semestreType"/&gt;     &lt;xs:element name="exames" type="exameType"/&gt;     &lt;xs:element name="Area_cientifica" type="areacientificaType"/&gt;   &lt;/xs:sequence&gt;   &lt;xs:attribute name="codigo" type="d:codType" use="required"/&gt; &lt;/xs:complexType&gt;</pre>											

## Complex Type docentesType

Namespace	http://www.estg.ipp.pt/curso		
Diagram	<pre>graph LR     docentesType[docentesType] -- "1..∞" --&gt; docente(docente)</pre>		
Used by	Element	unidadeType/docentes	
Model	docente+		
Children	docente		
Source	<pre>&lt;xs:complexType name="docentesType"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="docente" type="d:Docente" minOccurs="1" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>		

## Complex Type exameType

Namespace	http://www.estg.ipp.pt/curso			
Diagram				

Used by	Element unidadeType/exames
Model	exame+
Children	exame
Source	<pre>&lt;xs:complexType name="exameType"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="exame" type="e:exameType" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>

## Complex Type curso

Namespace	http://www.estg.ipp.pt/curso			
Diagram				
Model	name , coordenador , unidades			
Children	coordenador, name, unidades			
Attributes	QName	Type	Use	
	ano	anoType	required	
	codigo	codType	required	
	nivel	nivelType	required	
Source	<pre>&lt;xs:complexType name="curso"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="name" type="xs:string" /&gt;     &lt;xs:element name="coordenador" type="xs:string" /&gt;     &lt;xs:element name="unidades" type="unidades" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:attribute name="codigo" type="d:codType" use="required" /&gt;   &lt;xs:attribute name="nivel" type="nivelType" use="required" /&gt;   &lt;xs:attribute name="ano" type="anoType" use="required" /&gt; &lt;/xs:complexType&gt;</pre>			

## Simple Type(s)

### Simple Type semestreType

Namespace	http://www.estg.ipp.pt/curso		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	1	
	enumeration	2	
	enumeration	N/A	
Used by	Element	unidadeType/semestre	
Source	<pre>&lt;xs:simpleType name="semestreType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="1"/&gt;     &lt;xs:enumeration value="2"/&gt;     &lt;xs:enumeration value="N/A"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

```
</xs:restriction>
</xs:simpleType>
```

## Simple Type areacientificaType

Namespace	http://www.estg.ipp.pt/curso						
Diagram							
Type	restriction of xs:string						
Facets	<table> <tr><td>enumeration</td><td>Informatica</td></tr> <tr><td>enumeration</td><td>Ciencias</td></tr> <tr><td>enumeration</td><td>Matematica</td></tr> </table>	enumeration	Informatica	enumeration	Ciencias	enumeration	Matematica
enumeration	Informatica						
enumeration	Ciencias						
enumeration	Matematica						
Used by	Element unidadeType/Area_cientifica						
Source	<pre>&lt;xs:simpleType name="areacientificaType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="Informatica"/&gt;     &lt;xs:enumeration value="Ciencias"/&gt;     &lt;xs:enumeration value="Matematica"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>						

## Simple Type nivelType

Namespace	http://www.estg.ipp.pt/curso						
Diagram							
Type	restriction of xs:string						
Facets	<table> <tr><td>enumeration</td><td>CTeSP</td></tr> <tr><td>enumeration</td><td>Licenciatura</td></tr> <tr><td>enumeration</td><td>Mestrados</td></tr> </table>	enumeration	CTeSP	enumeration	Licenciatura	enumeration	Mestrados
enumeration	CTeSP						
enumeration	Licenciatura						
enumeration	Mestrados						
Used by	Attribute curso/@nivel						
Source	<pre>&lt;xs:simpleType name="nivelType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="CTeSP"/&gt;     &lt;xs:enumeration value="Licenciatura"/&gt;     &lt;xs:enumeration value="Mestrados"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>						

## Simple Type anoType

Namespace	http://www.estg.ipp.pt/curso		
Diagram			
Type	restriction of xs:string		
Facets	<table> <tr><td>pattern</td><td>[0-9][0-9][0-9][0-9]/[0-9][0-9][0-9][0-9]</td></tr> </table>	pattern	[0-9][0-9][0-9][0-9]/[0-9][0-9][0-9][0-9]
pattern	[0-9][0-9][0-9][0-9]/[0-9][0-9][0-9][0-9]		
Used by	Attribute curso/@ano		
Source	<pre>&lt;xs:simpleType name="anoType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:pattern value="[0-9][0-9][0-9][0-9]/[0-9][0-9][0-9][0-9]"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

## Namespace: "http://www.estg.ipp.pt/docente"

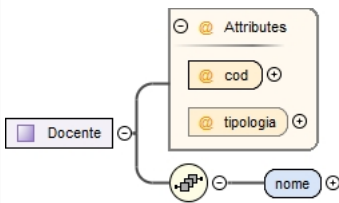
### Schema(s)

#### Imported schema Docente.xsd

Namespace	http://www.estg.ipp.pt/docente
Properties	attribute form default: unqualified
	element form default: unqualified

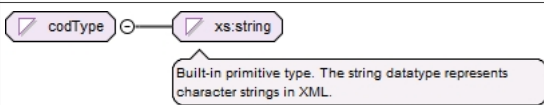
### Complex Type(s)

#### Complex Type Docente

Namespace	http://www.estg.ipp.pt/docente												
Diagram													
Used by	Elements	docentesType/docente, exameType/Responsavel, unidadeType/regente											
Model	nome												
Children	nome												
Attributes	<table><thead><tr><th>QName</th><th>Type</th><th>Use</th><th></th></tr></thead><tbody><tr><td>cod</td><td>codType</td><td>required</td><td></td></tr><tr><td>tipologia</td><td>tipologiaType</td><td>optional</td><td></td></tr></tbody></table>	QName	Type	Use		cod	codType	required		tipologia	tipologiaType	optional	
QName	Type	Use											
cod	codType	required											
tipologia	tipologiaType	optional											
Source	<pre>&lt;xs:complexType name="Docente"&gt;   &lt;xs:sequence&gt;     &lt;xs:element name="nome" type="xs:string"/&gt;   &lt;/xs:sequence&gt;   &lt;xs:attribute name="cod" type="codType" use="required"/&gt;   &lt;xs:attribute name="tipologia" type="tipologiaType"/&gt; &lt;/xs:complexType&gt;</pre>												

### Simple Type(s)

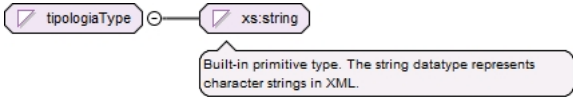
#### Simple Type codType

Namespace	http://www.estg.ipp.pt/docente		
Diagram			
Type	restriction of xs:string		
Facets	minLength	1	
	maxLength	10	
Used by	Attributes	Docente/@cod, curso/@codigo, unidadeType/@codigo	
Source	<pre>&lt;xs:simpleType name="codType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="10" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>		

#### Simple Type tipologiaType

Namespace	http://www.estg.ipp.pt/docente
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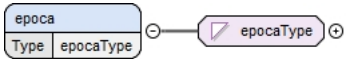


Diagram									
Type	restriction of xs:string								
Facets	<table border="1"> <tr><td>enumeration</td><td>T</td></tr> <tr><td>enumeration</td><td>TP</td></tr> <tr><td>enumeration</td><td>PL</td></tr> <tr><td>enumeration</td><td>OT</td></tr> </table>	enumeration	T	enumeration	TP	enumeration	PL	enumeration	OT
enumeration	T								
enumeration	TP								
enumeration	PL								
enumeration	OT								
Used by	Attribute      Docente/@tipologia								
Source	<pre> &lt;xs:simpleType name="tipologiaType"&gt;   &lt;xs:restriction base="xs:string"&gt;     &lt;xs:enumeration value="T"/&gt;     &lt;xs:enumeration value="TP"/&gt;     &lt;xs:enumeration value="PL"/&gt;     &lt;xs:enumeration value="OT"/&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>								

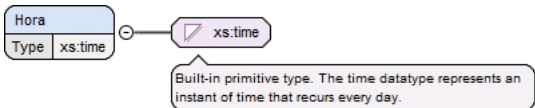
**Namespace:** ""

## Element(s)

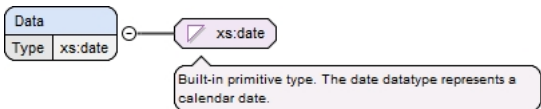
### Element `exameType` / `epoca`

Namespace	No namespace						
Diagram							
Type	epocaType						
Properties	content:      simple						
Facets	<table border="1"> <tr><td>enumeration</td><td>Epoca_Normal</td></tr> <tr><td>enumeration</td><td>Epoca_Recurso</td></tr> <tr><td>enumeration</td><td>Epoca_Especial</td></tr> </table>	enumeration	Epoca_Normal	enumeration	Epoca_Recurso	enumeration	Epoca_Especial
enumeration	Epoca_Normal						
enumeration	Epoca_Recurso						
enumeration	Epoca_Especial						
Source	<pre> &lt;xs:element name="epoca" type="epocaType" /&gt; </pre>						

### Element `exameType` / `Hora`

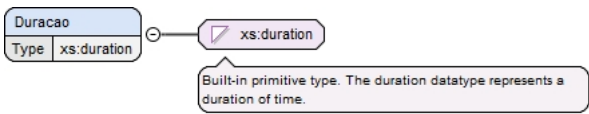
Namespace	No namespace
Diagram	
Type	xs:time
Properties	content:      simple
Source	<pre> &lt;xs:element name="Hora" type="xs:time" /&gt; </pre>

### Element `exameType` / `Data`

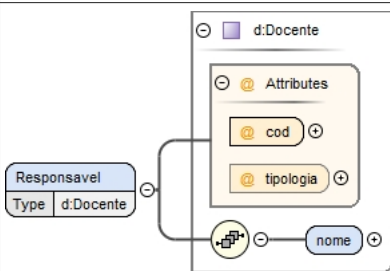
Namespace	No namespace
Diagram	
Type	xs:date
Properties	content:      simple

Source	<code>&lt;xs:element name="Data" type="xs:date"/&gt;</code>
--------	---

## Element examType / Duracao

Namespace	No namespace
Diagram	
Type	xs:duration
Properties	content: simple
Source	<code>&lt;xs:element name="Duracao" type="xs:duration"/&gt;</code>

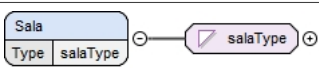
## Element examType / Responsavel

Namespace	No namespace												
Diagram													
Type	Docente												
Properties	content: complex												
Model	nome												
Children	nome												
Instance	<pre>&lt;Responsavel cod="" tipologia=""&gt;   &lt;nome&gt;{1,1}&lt;/nome&gt; &lt;/Responsavel&gt;</pre>												
Attributes	<table><tr><th>QName</th><th>Type</th><th>Use</th><th></th></tr><tr><td>cod</td><td>codType</td><td>required</td><td></td></tr><tr><td>tipologia</td><td>tipologiaType</td><td>optional</td><td></td></tr></table>	QName	Type	Use		cod	codType	required		tipologia	tipologiaType	optional	
QName	Type	Use											
cod	codType	required											
tipologia	tipologiaType	optional											
Source	<pre>&lt;xs:element name="Responsavel" type="d:Docente"/&gt;</pre>												

## Element Docente / nome

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Source	<code>&lt;xs:element name="nome" type="xs:string"/&gt;</code>

## Element examType / Sala

Namespace	No namespace
Diagram	
Type	salaType

Properties	content:	simple
Facets	enumeration	Normal
	enumeration	Informatica
Source	<xs:element name="Sala" type="salaType"/>	

## Element unidades / unidade

Namespace	No namespace			
Diagram				
Type	unidadeType			
Properties	content:	complex		
	minOccurs:	1		
	maxOccurs:	unbounded		
Model	nome , regente , docentes , ano , semestre , exames , Area_cientifica			
Children	Area_cientifica, ano, docentes, exames, nome, regente, semestre			
Instance	<pre>&lt;unidade codigo=""&gt;   &lt;nome&gt;{1,1}&lt;/nome&gt;   &lt;regente cod="" tipologia=""&gt;{1,1}&lt;/regente&gt;   &lt;docentes&gt;{1,1}&lt;/docentes&gt;   &lt;ano&gt;{1,1}&lt;/ano&gt;   &lt;semestre&gt;{1,1}&lt;/semestre&gt;   &lt;exames&gt;{1,1}&lt;/exames&gt;   &lt;Area_cientifica&gt;{1,1}&lt;/Area_cientifica&gt; &lt;/unidade&gt;</pre>			
Attributes	QName	Type	Use	
	codigo	codType	required	
Source	<xs:element name="unidade" type="unidadeType" minOccurs="1" maxOccurs="unbounded" />			

## Element unidadeType / nome

Namespace	No namespace
Diagram	<p>The diagram shows a blue rounded rectangle labeled 'nome' connected by a line to a purple rounded rectangle labeled 'xs:string'. A callout box points to the 'xs:string' label with the text: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xs:string
Properties	content: simple
Source	<code>&lt;xs:element name="nome" type="xs:string"/&gt;</code>

## Element unidadeType / regente

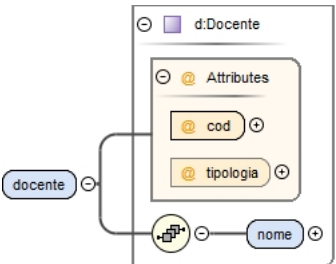
Namespace	No namespace			
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Diagram				
Type	Docente			
Properties	content: complex			
Model	nome			
Children	nome			
Instance	<pre>&lt;regente cod="" tipologia=""&gt;   &lt;nome&gt;{1,1}&lt;/nome&gt; &lt;/regente&gt;</pre>			
Attributes	QName	Type	Use	
	cod	codType	required	
	tipologia	tipologiaType	optional	
Source	<pre>&lt;xs:element name="regente" type="d:Docente"/&gt;</pre>			

### Element unidadeType / docentes

Namespace	No namespace
Diagram	
Type	docentesType
Properties	content: complex
Model	docente+
Children	docente
Instance	<pre>&lt;docentes&gt;   &lt;docente cod="" tipologia=""&gt;{1,unbounded}&lt;/docente&gt; &lt;/docentes&gt;</pre>
Source	<pre>&lt;xs:element name="docentes" type="docentesType"/&gt;</pre>

### Element docentesType / docente


Namespace	No namespace						
Diagram							
Type	Docente						
Properties	<table><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	nome						
Children	nome						

Instance	<pre>&lt;docente cod="" tipologia=""&gt;   &lt;nome&gt;{1,1}&lt;/nome&gt; &lt;/docente&gt;</pre>			
Attributes	QName	Type	Use	
	cod	codType	required	
	tipologia	tipologiaType	optional	
Source	<pre>&lt;xs:element name="docente" type="d:Docente" minOccurs="1" maxOccurs="unbounded"/&gt;</pre>			

### Element unidadeType / ano

Namespace	No namespace
Diagram	
Type	xs:int
Properties	content: simple
Source	<code>&lt;xs:element name="ano" type="xs:int" /&gt;</code>

### Element unidadeType / semestre

Namespace	No namespace	
Diagram		
Type	semestreType	
Properties	content:	simple
Facets	enumeration	1
	enumeration	2
	enumeration	N/A
Source	<code>&lt;xs:element name="semestre" type="semestreType"/&gt;</code>	

### Element unidadeType / exames


Namespace	No namespace
Diagram	
Type	exameType
Properties	content: complex
Model	exame+
Children	exame
Instance	<pre>&lt;exames&gt;   &lt;exame Tipologia=""&gt;{1,unbounded}&lt;/exame&gt; &lt;/exames&gt;</pre>
Source	<pre>&lt;xs:element name="exames" type="exameType" /&gt;</pre>

### Element exametype / exame

Namespace	No namespace			
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Diagram				
Type	exameType			
Properties	content:	complex		
	maxOccurs:	unbounded		
Model	epoca , Hora , Data , Duracao , Responsavel , Sala			
Children	Data, Duracao, Hora, Responsavel, Sala, epoca			
Instance	<pre>&lt;exame Tipologia=""&gt;   &lt;epoca&gt;{1,1}&lt;/epoca&gt;   &lt;Hora&gt;{1,1}&lt;/Hora&gt;   &lt;Data&gt;{1,1}&lt;/Data&gt;   &lt;Duracao&gt;{1,1}&lt;/Duracao&gt;   &lt;Responsavel cod="" tipologia=""&gt;{1,1}&lt;/Responsavel&gt;   &lt;Sala&gt;{1,1}&lt;/Sala&gt; &lt;/exame&gt;</pre>			
Attributes	QName	Type	Use	
	Tipologia	avaliacaoType	required	
Source	<xs:element name="exame" type="e:exameType" maxOccurs="unbounded" />			

### Element unidadeType / Area\_cientifica

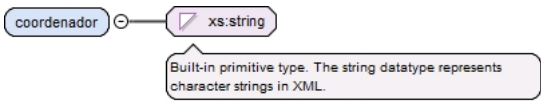
Namespace	No namespace		
Diagram			
Type	areacentificaType		
Properties	content:	simple	
Facets	enumeration	Informatica	
	enumeration	Ciencias	
	enumeration	Matematica	
Source	<xs:element name="Area_cientifica" type="areacentificaType"/>		

### Element curso / name

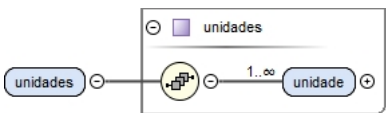
Namespace	No namespace			
Diagram				
Type	xs:string			

Properties	content: simple
Source	<code>&lt;xs:element name="name" type="xs:string"/&gt;</code>

## Element curso / coordinador

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Source	<code>&lt;xs:element name="coordinador" type="xs:string"/&gt;</code>

## Element curso / unidades

Namespace	No namespace
Diagram	
Type	unidades
Properties	content: complex
Model	unidade+
Children	unidade
Instance	<pre>&lt;unidades&gt;   &lt;unidade codigo=""&gt;{1,unbounded}&lt;/unidade&gt; &lt;/unidades&gt;</pre>
Source	<code>&lt;xs:element name="unidades" type="unidades"/&gt;</code>

## Attribute(s)

### Attribute Docente / @cod

Namespace	No namespace
Type	codType
Properties	use: required
Facets	minLength 1
	maxLength 10
Used by	Complex Type Docente
Source	<code>&lt;xs:attribute name="cod" type="codType" use="required"/&gt;</code>

### Attribute Docente / @tipologia

Namespace	No namespace
Type	tipologiaType
Properties	content: simple
Facets	enumeration T
	enumeration TP
	enumeration PL
	enumeration OT
Used by	Complex Type Docente
Source	<code>&lt;xs:attribute name="tipologia" type="tipologiaType"/&gt;</code>

**Attribute examType / @Tipologia**

Namespace	No namespace	
Type	avaliacaoType	
Properties	use:	required
Facets	enumeration	T
	enumeration	PL
	enumeration	TP
	enumeration	OT
Used by	Complex Type	examType
Source	<code>&lt;xs:attribute name="Tipologia" type="avaliacaoType" use="required"/&gt;</code>	

**Attribute unidadeType / @codigo**

Namespace	No namespace	
Type	codType	
Properties	use:	required
Facets	minLength	1
	maxLength	10
Used by	Complex Type	unidadeType
Source	<code>&lt;xs:attribute name="codigo" type="d:codType" use="required"/&gt;</code>	

**Attribute curso / @codigo**

Namespace	No namespace	
Type	codType	
Properties	use:	required
Facets	minLength	1
	maxLength	10
Used by	Complex Type	curso
Source	<code>&lt;xs:attribute name="codigo" type="d:codType" use="required"/&gt;</code>	

**Attribute curso / @nivel**

Namespace	No namespace	
Type	nivelType	
Properties	use:	required
Facets	enumeration	CTeSP
	enumeration	Licenciatura
	enumeration	Mestrados
Used by	Complex Type	curso
Source	<code>&lt;xs:attribute name="nivel" type="nivelType" use="required"/&gt;</code>	

**Attribute curso / @ano**

Namespace	No namespace	
Type	anoType	
Properties	use:	required
Facets	pattern	[0-9][0-9][0-9][0-9]/ [0-9][0-9][0-9][0-9]



Used by	Complex Type          curso
Source	<code>&lt;xs:attribute name="ano" type="anoType" use="required" /&gt;</code>