# Schema documentation for command\_schema.xsd

august 31, 2016

# **Table of Contents**

amespace: ""	2
Schema(s)	
Main schema command_schema.xsd	
Included schema common_elements.xsd	
Included schema common_types.xsd	
Element(s)	
Element commands	
Element command	
Element comment	
Element args	
Element external_arg_define / arg	
Element enum	
Element item	
Element arg_define / arg	
Element return	
Simple Type(s)	
Simple Type command_kind_define	
Simple Type id_define	
Simple Type full_items_define	
Simple Type base_code_define	
Simple Type pass_by_define	11
Simple Type component_role_define	11
Simple Type channel_update_define	12
Simple Type severity_define	12
Simple Type component_types_define	12
Simple Type port_types_define	13
Simple Type id_or_system_var_define	
Simple Type system_var_define	
Simple Type positive_integer_define	
Simple Type int8_t_define	
Simple Type uint8_t_define	
Simple Type int16_t_define	
Simple Type uint16_t_define	
Simple Type int32_t_define	
Simple Type uint32_t_define	
Simple Type int64_t_define	
Simple Type unt64_t_define	
Simple Type not_user_cpp_type_define	
Simple Type NATIVE_INT_TYPE_define	
Simple Type NATIVE_UINT_TYPE_define	18
Simple Type I8_define	18
Simple Type U8_define	
Simple Type BYTE_define	
Simple Type I16_define	
Simple Type U16_define	
Simple Type I32_define	20
Simple Type U32_define	
Simple Type 164_define	
Simple Type U64_define	
Simple Type F32_define	21
Simple Type F64_define	21
Attribute(s)	22
Attribute item / @name	22
Attribute item / @value	
Attribute item / @comment	
Attribute enum / @name	
Attribute external_arg_define / arg / @name	
Attribute external_arg_define / arg / @comment	
Attribute type_size_choice_define / @data_type	
Attribute type_size_choice_define / @data_type	
1 milyan CYPC DIAC CHOICE ACTINC / SCYPC	43

Attribute type_size_choice_define / @size	23
Attribute command / @kind	24
Attribute command / @opcode	24
Attribute command / @mnemonic	24
Attribute command / @priority	24
Attribute command / @full	
Attribute commands / @opcode_base	
Attribute arg_define / arg / @name	
Attribute arg_define / arg / @pass_by	25
Attribute arg_define / arg / @comment	20
Attribute return / @name	26
Attribute return / @pass_by	26
Attribute return / @comment	26
Element Group(s)	27
Element Group external_arg_define	27
Element Group type_size_choice_define	
Element Group arg_define	27
Attribute Group(s)	28
Attribute Group type_size_choice_define	28

# Namespace: ""

## Schema(s)

#### Main schema command\_schema.xsd

Namespace	No namespace	
Properties	attribute form default:	unqualified
	element form default:	qualified

#### Included schema common\_elements.xsd

Namespace	No namespace	
Properties	attribute form default:	unqualified
	element form default:	qualified

## Included schema common\_types.xsd

Namespace	No namespace	
Properties	attribute form default:	unqualified
	element form default:	qualified

# Element(s)

#### Element commands



Attributes	QName	Туре	Use	
	opcode_base	base_code_define	optional	
		Base at which the opcodes	start from.	
Source	<pre> <xs:attribute name="o&lt;/td&gt;&lt;td&gt;s"> rs="unbounded" ref="comman pcode_base" type="base_com &gt;Base at which the opcode:</xs:attribute></pre>	de_define">	:documentation>	

## Element command

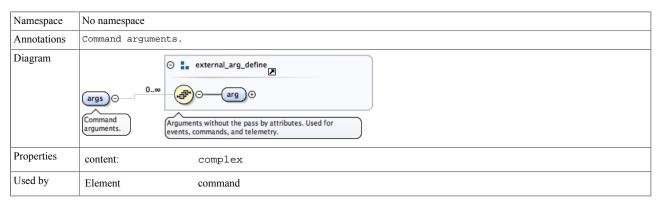
Namespace	No namespace			
Diagram	© @ Attribution	mmand_kind_define  cind.  e define  ppcode.  pnnemonic.		
Properties	content: comp	plex		
Used by	Element commands			
Model	comment   args			
Children	args, comment			
Instance	<pre><command full="" kind="" mnemonic="" opcode="" priority=""/>     <comment>{1,1}</comment>     <args>{1,1}</args> </pre>			
Attributes	QName	Туре	Use	
	full	full_items_define	optional	
		Describes what to do with	h incoming items	if full.
	kind	command_kind_define	required	
		Command kind.		
	mnemonic		required	
	mnemonic	Command mnemonic.	required	

	QName	Туре	Use	
		Command opcode.		
	priority	xs:integer	optional	
		Priority of the command.		
Source	<pre><xs:element 0"="" :="" maxoccurs="unbounded" mment"="" ref="co&lt;/td&gt;&lt;td&gt;"></xs:element> gs"/&gt; ind" use="required" type= &gt;Command kind.Command opcode. &gt;Command mnemonic. &gt;Priority of the command.</pre>	<pre>"command_kind_def ntation&gt; e="id_define"&gt; mentation&gt; cumentation&gt; "&gt; </pre>		

#### Element comment

Namespace	No namespace
Annotations	Simple comment tag with no attributes.
Diagram	Simple comment tag with no attributes.  Built-in primitive type. The string datatype represents character strings in XML.
Туре	xs:string
Properties	content: simple
Used by	Elements arg_define/arg, command, external_arg_define/arg, return
Source	<pre><xs:element name="comment" type="xs:string">     <xs:annotation></xs:annotation></xs:element></pre>

## **Element** args

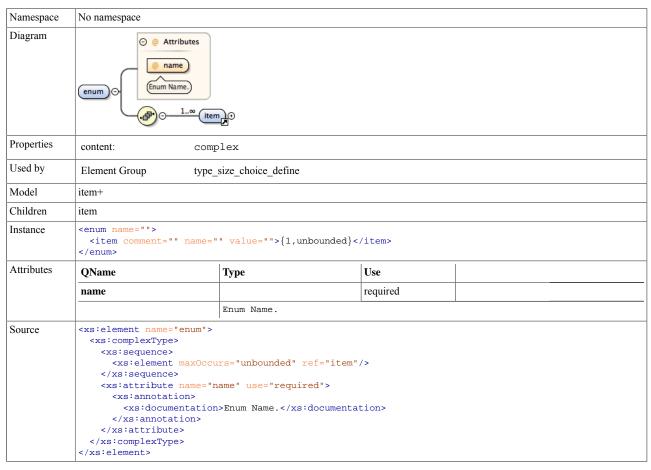


```
Model
            arg
Children
            arg
Instance
            <args>
              <arg comment="" data_type="" name="" size="" type="">\{1,1\}
            </args>
            <xs:element name="args">
Source
              <xs:annotation>
                <xs:documentation>Command arguments.</xs:documentation>
              </xs:annotation>
              <xs:complexType>
                <xs:group minOccurs="0" maxOccurs="unbounded" ref="external_arg_define"/>
              </xs:complexType>
             </xs:element>
```

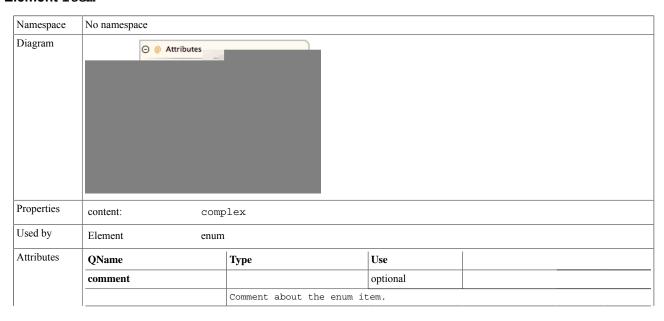
#### Element external\_arg\_define / arg



#### Element enum

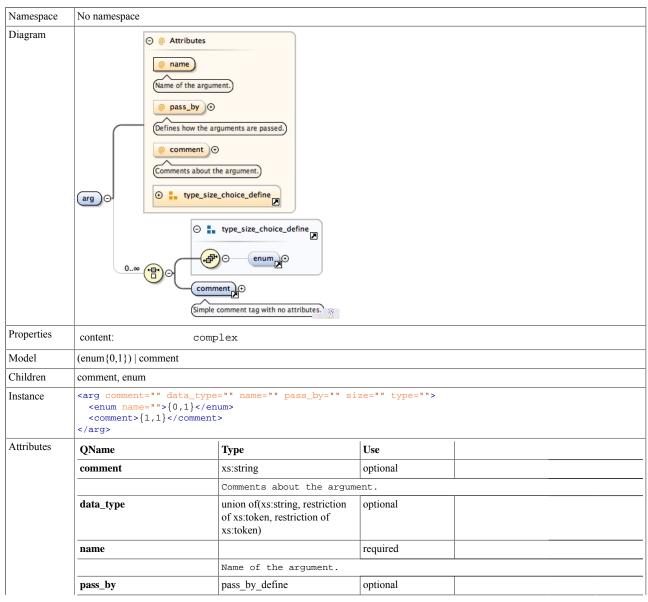


#### Element item



	QName	Туре	Use	
	name		required	
	Name of the enum item.			
	value		optional	
		The value being sent thro	ough the enum item	n.
Source	<pre>  </pre>			

#### Element arg\_define / arg



# Schema documentation for command\_schema.xsd

QName	Туре	

	QName	Туре	Use		
	data_type	union of(xs:string, restriction of xs:token, restriction of xs:token)	optional		
	name		optional		
		Name of the argument.			
	pass_by	pass_by_define	optional		
		Defines how the arguments are passed.			
	size	xs:nonNegativeInteger	optional		
		The size of the argument	•		
	type	union of(xs:string, restriction of xs:token, restriction of xs:token)	optional		
Source	<pre><xs:group <="" co="" ref="type &lt;xs:element ref=" xs:choice=""> <xs:attribute <xs:attribute="" name="r &lt;xs:annotation&gt; &lt;/xs:annotation&gt; &lt;/xs:attribute&gt; &lt;xs:attribute name=" r=""> <xs:attribute> <xs:attribute> <xs:antribute <xs:annotation="" name="r &lt;xs:annotation&gt; &lt;/xs:annotation&gt; &lt;/xs:annotation&gt; &lt;/xs:attribute &lt;xs:annotation&gt; &lt;/xs:attribute &lt;xs:attribute name=" r=""> </xs:antribute></xs:attribute> <xs:annotation> </xs:annotation>     </xs:attribute></xs:attribute></xs:group></pre>	="0" maxOccurs="unbounded" e_size_choice_define"/> omment"/>	s:documentation> ine"> s are passed. <th></th>		

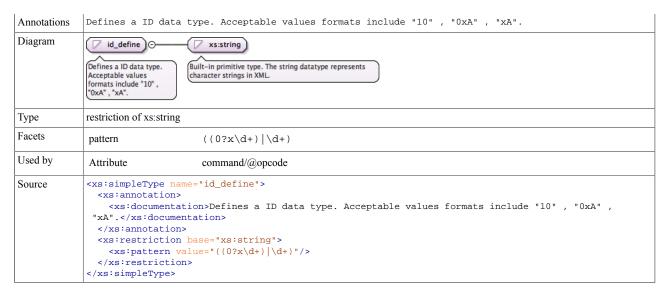
# Simple Type(s)

## Simple Type command\_kind\_define

Namespace	No namespace		
Annotations	Choice between different command kinds.		
Diagram	Choice between different command kinds.  Built-in derived type. The token datatype represents tokenized strings. The base type of token is normalizedString.		
Туре	restriction of xs:token		
Facets	enumeration async		
	enumeration sync		
	enumeration guarded		
Used by	Attribute command/@kind		
Source	<pre><xs:simpletype name="command_kind_define"></xs:simpletype></pre>		

## $\textbf{Simple Type } \verb"id_define"$

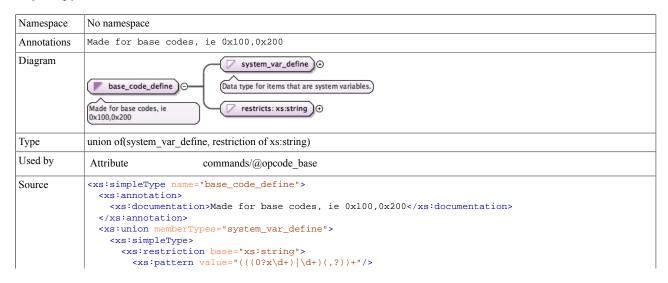
Namespace	No namespace
-----------	--------------



## Simple Type full\_items\_define

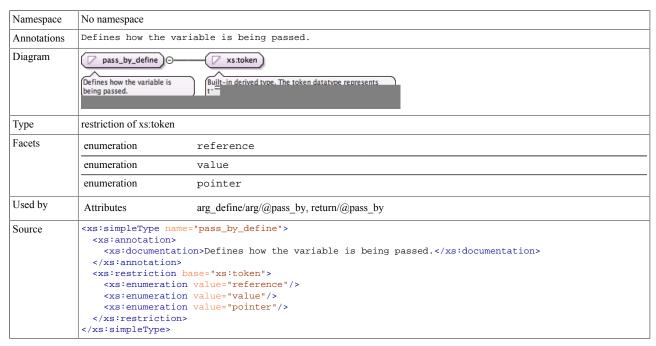


## Simple Type base\_code\_define



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

## Simple Type pass\_by\_define



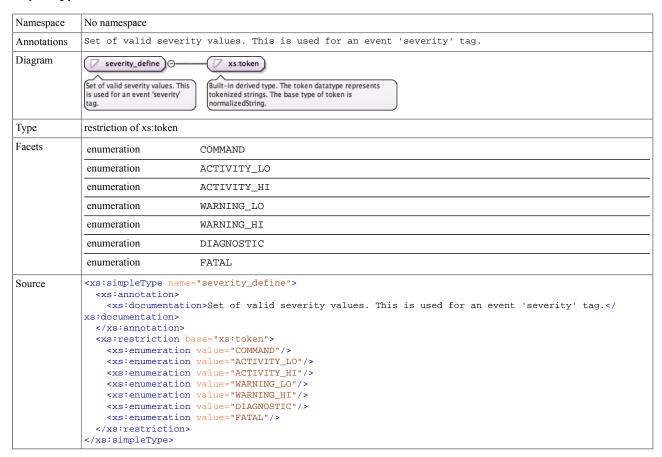
#### Simple Type component\_role\_define

Namespace	No namespace			
Annotations	Choice for component roles.			
Diagram				
Type	restriction of xs:token			
Facets	enumeration	LogEvent		
	enumeration	LogTextEvent		
	enumeration	TimeGet		
	enumeration	ParamSet		
	enumeration	ParamGet		
	enumeration	Telemetry		
	enumeration	CmdRegistration		
	enumeration	Cmd		
	enumeration	CmdResponse		
Source	<pre><xs:simpletype name="component_role_define"></xs:simpletype></pre>			
	<pre><xs:annotation></xs:annotation></pre>	ion>Choice for component roles.		
	<pre><xs:restriction< pre=""></xs:restriction<></pre>	base="xs:token">		
	<xs:enumeration value="LogEvent"></xs:enumeration>			
	<xs:enumeration< td=""><td>n value="LogTextEvent"/&gt;</td></xs:enumeration<>	n value="LogTextEvent"/>		
	<xs:enumeration< td=""><td>n value="TimeGet"/&gt;</td></xs:enumeration<>	n value="TimeGet"/>		
	<xs:enumeration< td=""><td>n value="ParamSet"/&gt;</td></xs:enumeration<>	n value="ParamSet"/>		
	<xs:enumeration< td=""><td>n value="ParamGet"/&gt;</td></xs:enumeration<>	n value="ParamGet"/>		
	<xs:enumeration< td=""><td>n value="Telemetry"/&gt;</td></xs:enumeration<>	n value="Telemetry"/>		
		n value="CmdRegistration"/>		
	<pre><xs:enumeration< pre=""></xs:enumeration<></pre>	n value="Cmd"/>		
	<pre><xs:enumeration< pre=""></xs:enumeration<></pre>	n value="CmdResponse"/>		
	<td>&gt;</td>	>		

## Simple Type channel\_update\_define



## Simple Type severity\_define



#### Simple Type component\_types\_define

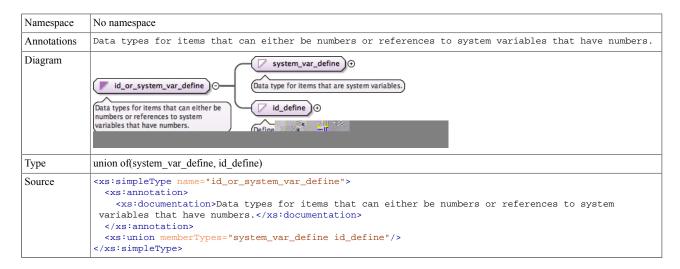
Namespace	No namespace		
Annotations	Choice between active, passive, or queued.		
Diagram	component types de		

Type	restriction of xs:toke	restriction of xs:token		
Facets	enumeration active			
	enumeration	passive		
	enumeration	queued		
Source	<pre><xs:annotation <="" <xs:document="" <xs:enumerat="" <xs:restrictio="" pre="" xs:annotatio=""></xs:annotation></pre>	cation>Choice between active, passive, or queued. on> on base="xs:token"> cion value="active"/> cion value="passive"/> cion value="queued"/> cion value="queued"/>		

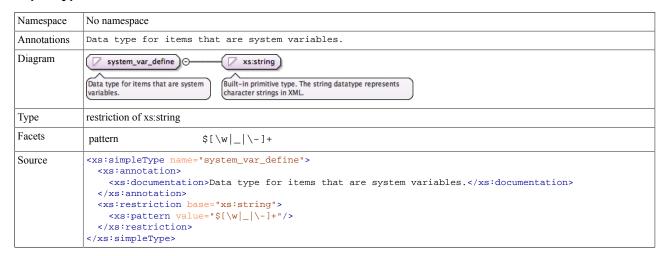
#### Simple Type port\_types\_define



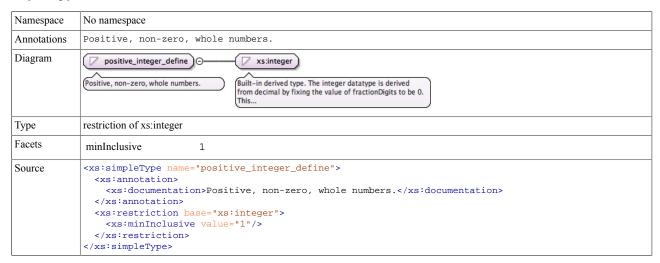
## Simple Type id\_or\_system\_var\_define



#### Simple Type system\_var\_define



#### Simple Type positive\_integer\_define



## Simple Type int8\_t\_define

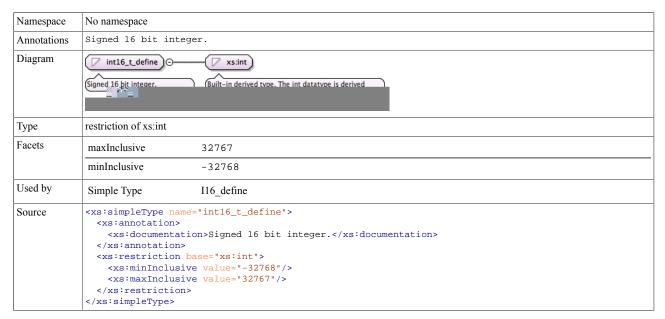


## Simple Type uint8\_t\_define

Namespace	No namespace
-----------	--------------



#### Simple Type int16\_t\_define

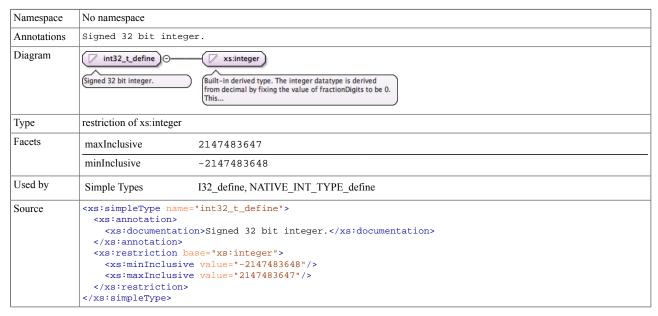


## Simple Type uint16\_t\_define

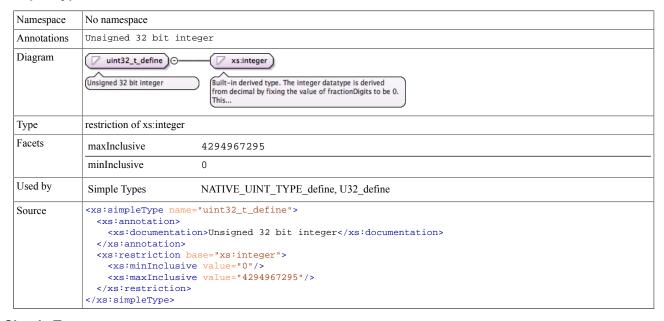


</xs:simpleType>

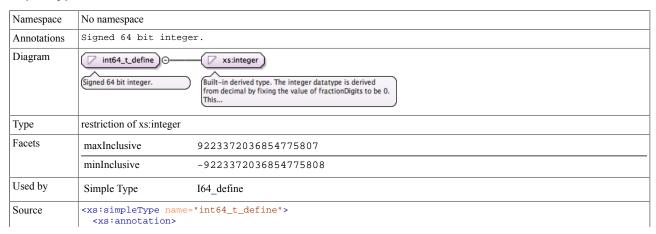
#### Simple Type int32\_t\_define



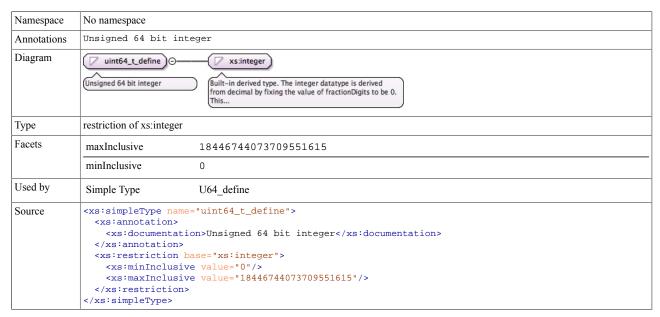
## Simple Type uint32\_t\_define



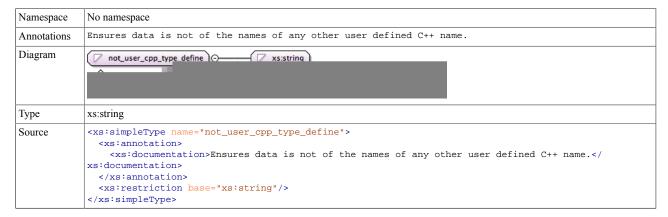
#### Simple Type int64\_t\_define



#### Simple Type uint64\_t\_define



## Simple Type not\_user\_cpp\_type\_define



#### Simple Type NATIVE\_INT\_TYPE\_define

Namespace	No namespace		
Annotations	native integer type declaration		
Diagram	NATIVE_INT_TYPE_define  int32_t_define  int32_		
Туре	int32_t_define		
Type hierarchy	<ul><li> xs:integer</li><li> int32_t_define</li></ul>		
	NATIVE_INT_TYPE_define		
Facets	maxInclusive 2147483647		
	minInclusive -2147483648		
Source	<pre><xs:simpletype name="NATIVE_INT_TYPE_define"> <xs:annotation></xs:annotation></xs:simpletype></pre>		

# $\textbf{Simple Type NATIVE\_UINT\_TYPE\_define}$

Namespace	No namespace		
Annotations	native unsigned integer type declaration		
Diagram	NATIVE_UINT_TYPE_define   uint32_t_define   uint32_t_define   uint32_t_define   Unsigned 32 bit integer		
Туре	uint32_t_define		
Type hierarchy	<ul><li> xs:integer</li><li> uint32_t_define</li><li> NATIVE_UINT_TYPE_define</li></ul>		
Facets	maxInclusive 4294967295		
	minInclusive 0		
Source	<pre><xs:simpletype name="NATIVE_UINT_TYPE_define"></xs:simpletype></pre>		

#### Simple Type 18\_define

Namespace	No namespace		
Annotations	8-bit signed integer		
Diagram	8-bit signed integer Signed 8 bit integer.		
Туре	int8_t_define		
Type hierarchy	<ul><li> xs:int</li><li> int8_t_define</li><li> 18_define</li></ul>		
Facets	maxInclusive 127		
	minInclusive -128		
Source	<pre><xs:simpletype name="I8_define">     <xs:annotation>     <xs:documentation>8-bit signed integer</xs:documentation>     </xs:annotation>     <xs:restriction base="int8_t_define"></xs:restriction> </xs:simpletype></pre>		

## Simple Type U8\_define

Namespace	No namespace		
Annotations	8-bit unsigned integer		
Diagram	U8 define O uint8 t define O		
Туре	uint8_t_define		
Type hierarchy	<ul><li>xs:unsignedByte</li><li>uint8_t_define</li></ul>		
	• U8_define		
Facets	maxInclusive	255	

#### Simple Type I32\_define

Namespace	No namespace		
Annotations	32-bit signed integer		
Diagram	32_bit signed integer Signed 32 bit integer.   int32_t_define   int32_t_define   Signed 32 bit integer.		
Туре	int32_t_define		
Type hierarchy	<ul> <li>xs:integer</li> <li>int32_t_define</li> <li>132_define</li> </ul>		
Facets	maxInclusive 2147483647		
	minInclusive -2147483648		
Source	<pre><xs:simpletype name="I32_define"></xs:simpletype></pre>		

#### Simple Type U32\_define



#### Simple Type 164\_define



Type	int64_t_define		
Туре	• xs:integer		
hierarchy	• int64_t_define		
	• I64_define		
Facets	maxInclusive	9223372036854775807	
	minInclusive	-9223372036854775808	
Source	<pre><xs:annotatior <="" <xs:document="" pre="" xs:annotation<=""></xs:annotatior></pre>	<pre>ation&gt;64-bit unsigned integer on&gt; on base="int64_t_define"/&gt;</pre>	

# Simple Type U64\_define

Namespace	No namespace	
Annotations	64-bit unsigned	integer
Diagram	U64_define	uint64_t_define )⊙
Туре	uint64_t_define	
Type hierarchy	<ul><li> xs:integer</li><li> uint64_t_define</li><li> U64_define</li></ul>	
Facets	maxInclusive	18446744073709551615
	minInclusive	0
Source	<pre><xs:simpletype name="U64_define"></xs:simpletype></pre>	

## Simple Type F32\_define



# Simple Type F64\_define

Namespace	No namespace
Annotations	64 bit float

# Attribute(s)

## Attribute item / @name

Namespace	No namespace	
Annotations	Name of the enum item.	
Properties	use: required	
Used by	Element item	
Source	<pre><xs:attribute name="name" use="required">     <xs:annotation>         <xs:documentation>Name of the enum item.</xs:documentation>         </xs:annotation>     </xs:attribute></pre>	

#### Attribute item / @value

Namespace	No namespace	
Annotations	The value being sent through the enum item.	
Used by	Element item	
Source	<pre><xs:attribute name="value"> <xs:annotation>   <xs:documentation>The value being sent through the enum item.</xs:documentation>   </xs:annotation> </xs:attribute></pre>	

#### Attribute item / @comment

Namespace	No namespace
Annotations	Comment about the enum item.
Used by	Element item
Source	<pre><xs:attribute name="comment">     <xs:annotation>     <xs:documentation>Comment about the enum item.</xs:documentation>     </xs:annotation> </xs:attribute></pre>

#### Attribute enum / @name

Namespace	No namespace	
Annotations	Enum Name.	
Properties	use:	required
Used by	Element	enum
Source	<pre><xs:attribute name="name" use="required"></xs:attribute></pre>	

#### Attribute external\_arg\_define / arg / @name

Namespace	No namespace		
Annotations	Name of the argument.		
Properties	use:	required	
Used by	Element	external_arg_define/arg	
Source	<pre></pre>		

## Attribute external\_arg\_define / arg / @comment

Namespace	No namespace	
Annotations	Comments about the argument.	
Type	xs:string	
Properties	content: simple	
Used by	Element external_arg_define/arg	
Source	<pre><xs:attribute name="comment" type="xs:string">     <xs:annotation>     <xs:documentation>Comments about the argument.</xs:documentation>     </xs:annotation> </xs:attribute></pre>	

#### Attribute type\_size\_choice\_define / @data\_type

Namespace	No namespace		
Туре	union of(xs:string, restriction of xs:token, restriction of xs:token)		
Properties	content:	simple	
Used by	Attribute Group	type_size_choice_define	
Source	<pre><xs:simple< td=""><td>mberTypes="xs:string"&gt; Type&gt; riction base="xs:token"&gt; meration value="string"/&gt; rriction&gt; eType&gt; Fype&gt; riction base="xs:token"&gt; meration value="ENUM"/&gt; criction base="xs:token"&gt; meration value="ENUM"/&gt; criction&gt; eType&gt;</td></xs:simple<></pre>	mberTypes="xs:string"> Type> riction base="xs:token"> meration value="string"/> rriction> eType> Fype> riction base="xs:token"> meration value="ENUM"/> criction base="xs:token"> meration value="ENUM"/> criction> eType>	

#### Attribute type\_size\_choice\_define / @type

Namespace	No namespace		
Туре	union of(xs:string, restriction of xs:token, restriction of xs:token)		
Properties	content:	simple	
Used by	Attribute Group	type_size_choice_define	
Source	<pre><xs:simplet <="" <xs:enu="" <xs:restr="" <xs:restr<="" <xs:simplet="" pre="" xs:restr="" xs:simple=""></xs:simplet></pre>	<pre>berTypes="xs:string"&gt; ype&gt; iction base="xs:token"&gt; meration value="string"/&gt; riction&gt; Type&gt; ype&gt; iction base="xs:token"&gt; meration value="ENUM"/&gt; riction&gt; Type&gt; ype&gt; iction base="xs:token"&gt; meration value="ENUM"/&gt; riction&gt; Type&gt;</pre>	

## Attribute type\_size\_choice\_define / @size

Namespace	No namespace
-----------	--------------

Annotations	The size of the argument.	
Type	xs:nonNegativeInteger	
Properties	content:	simple
Used by	Attribute Group	type_size_choice_define
Source	<pre><xs:attribute name="size" type="xs:nonNegativeInteger">     <xs:annotation>         <xs:documentation>The size of the argument.</xs:documentation>         </xs:annotation>         </xs:attribute></pre>	

#### Attribute command / @kind

Namespace	No namespace	
Annotations	Command kind.	
Туре	command_kind_define	
Properties	use:	required
Facets	enumeration	async
	enumeration	sync
	enumeration	guarded
Used by	Element	command
Source	<pre><xs:attribute name="kind" type="command_kind_define" use="required"></xs:attribute></pre>	

#### Attribute command / @opcode

Namespace	No namespace		
Annotations	Command opcode.		
Туре	id_define	id_define	
Properties	use:	required	
Facets	pattern	((0?x\d+) \d+)	
Used by	Element	command	
Source	<pre><xs:attribute name="opcode" type="id_define" use="required">     <xs:annotation>     <xs:documentation>Command opcode.</xs:documentation>     </xs:annotation> </xs:attribute></pre>		

#### Attribute command / @mnemonic

Namespace	No namespace	
Annotations	Command mnemonic.	
Properties	use:	required
Used by	Element	command
Source	<pre><xs:attribute name="mnemonic" use="required">     <xs:annotation>         <xs:documentation>Command mnemonic.</xs:documentation>         </xs:annotation>     </xs:attribute></pre>	

## Attribute command / @priority

Namespace	No namespace	
Annotations	Priority of the command.	
Type	xs:integer	

Properties	content:	simple
Used by	Element	command
Source	<pre><xs:attribute name="priority" type="xs:integer">     <xs:annotation></xs:annotation></xs:attribute></pre>	

#### Attribute command / @full

Namespace	No namespace	
Annotations	Describes what to do with incoming items if full.	
Type	full_items_define	
Properties	content:	simple
Facets	enumeration	drop
	enumeration	assert
	enumeration	block
Used by	Element	command
Source	<pre><xs:attribute name="full" type="full_items_define"></xs:attribute></pre>	

## Attribute commands / @opcode\_base

Namespace	No namespace		
Annotations	Base at which t	Base at which the opcodes start from.	
Туре	base_code_define		
Properties	content:	simple	
Used by	Element	commands	
Source	<pre><xs:attribute name="opcode_base" type="base_code_define">     <xs:annotation>         <xs:documentation>Base at which the opcodes start from.</xs:documentation>         </xs:annotation>         </xs:attribute></pre>		

## Attribute arg\_define / arg / @name

Namespace	No namespace	No namespace	
Annotations	Name of the a	Name of the argument.	
Properties	use:	required	
Used by	Element	arg_define/arg	
Source	<pre><xs:attribute name="name" use="required">   <xs:annotation>     <xs:documentation>Name of the argument.</xs:documentation>   </xs:annotation> </xs:attribute></pre>		

## Attribute arg\_define / arg / @pass\_by

Namespace	No namespace	
Annotations	Defines how the arguments are passed.	
Type	pass_by_define	
Properties	content:	simple
Facets	enumeration	reference
	enumeration	value

	enumeration	pointer
Used by	Element	arg_define/arg
Source	<pre><xs:annotation></xs:annotation></pre>	"pass_by" type="pass_by_define"> on>Defines how the arguments are passed.

## Attribute arg\_define / arg / @comment

Namespace	No namespace		
Annotations	Comments about the a	Comments about the argument.	
Type	xs:string		
Properties	content:	simple	
Used by	Element	arg_define/arg	
Source	<pre><xs:attribute name="comment" type="xs:string">     <xs:annotation></xs:annotation></xs:attribute></pre>		

#### Attribute return / @name

Namespace	No namespace		
Annotations	Name of the argument.		
Used by	Element return		
Source	<pre><xs:attribute name="name">     <xs:annotation>         <xs:documentation>Name of the argument.</xs:documentation>         </xs:annotation>         </xs:attribute></pre>		

## Attribute return / @pass\_by

Namespace	No namespace				
Annotations	Defines how the arguments are passed.				
Туре	pass_by_define				
Properties	content:	simple			
Facets	enumeration	reference			
	enumeration	value			
	enumeration	pointer			
Used by	Element	return			
Source	<pre><xs:attribute name="pass_by" type="pass_by_define"></xs:attribute></pre>				

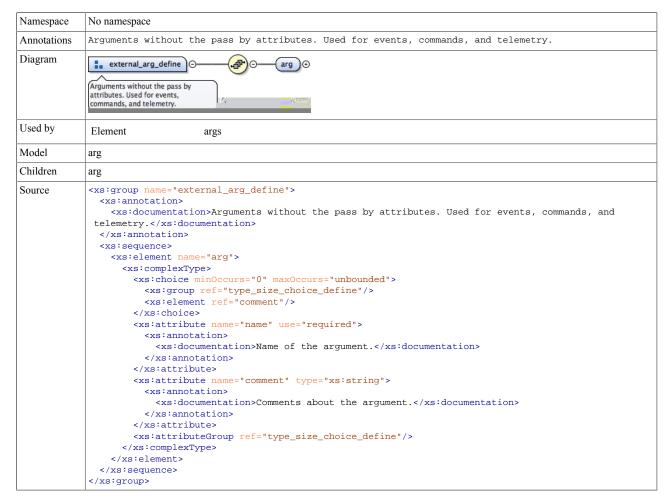
## Attribute return / @comment

Namespace	No namespace				
Annotations	Comments about the argument.				
Туре	xs:string				
Properties	content:	simple			
Used by	Element	return			
Source	<pre><xs:attribute name="comment" type="xs:string">     <xs:annotation></xs:annotation></xs:attribute></pre>				

</xs:attribute>

## **Element Group(s)**

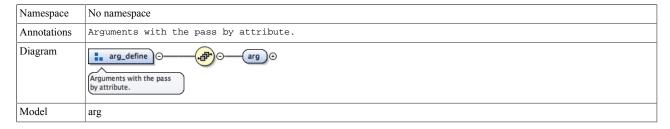
#### Element Group external\_arg\_define



#### Element Group type\_size\_choice\_define

Namespace	No namespace		
Diagram	type_size_choice_define		
Used by	Elements arg_define/arg, external_arg_define/arg, return		
Model	enum{0,1}		
Children	enum		
Source	<pre><xs:group name="type_size_choice_define"></xs:group></pre>		

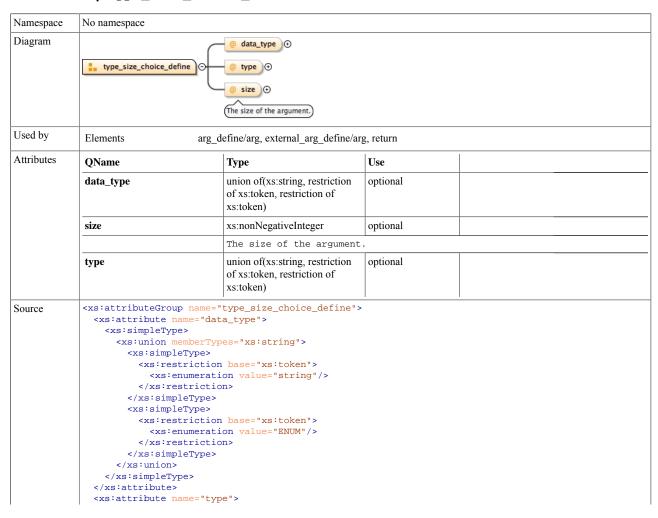
#### Element Group arg\_define



```
Children
Source
            <xs:group name="arg_define">
              <xs:annotation>
                <xs:documentation>Arguments with the pass by attribute.</xs:documentation>
              </xs:annotation>
              <xs:sequence>
                <xs:element name="arg">
                  <xs:complexType>
                    <xs:choice minOccurs="0" maxOccurs="unbounded">
                      <xs:group ref="type_size_choice_define"/>
                      <xs:element ref="comment"/>
                    </xs:choice>
                    <xs:attribute name="name" use="required">
                      <xs:annotation>
                        <xs:documentation>Name of the argument.</xs:documentation>
                      </xs:annotation>
                    </xs:attribute>
                    <xs:attribute name="pass_by" type="pass_by_define">
                      <xs:annotation>
                        <xs:documentation>Defines how the arguments are passed.</xs:documentation>
                      </xs:annotation>
                    </xs:attribute>
                    <xs:attribute name="comment" type="xs:string">
                      <xs:annotation>
                        <xs:documentation>Comments about the argument.
                      </xs:annotation>
                    </xs:attribute>
                    <xs:attributeGroup ref="type_size_choice_define"/>
                  </xs:complexType>
                </xs:element>
              </xs:sequence>
            </xs:group>
```

#### Attribute Group(s)

#### Attribute Group type\_size\_choice\_define



```
<xs:simpleType>
      <xs:union memberTypes="xs:string">
       <xs:simpleType>
         <xs:restriction base="xs:token">
  <xs:enumeration value="string"/>
         </xs:restriction>
       </xs:simpleType>
       <xs:simpleType>
         <xs:restriction base="xs:token">
            <xs:enumeration value="ENUM"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
 </xs:attribute>
 <xs:attribute name="size" type="xs:nonNegativeInteger">
    <xs:annotation>
      <xs:documentation>The size of the argument.</xs:documentation>
    </xs:annotation>
 </xs:attribute>
</xs:attributeGroup>
```