

# REST Schema Object



This page explains the **REST Import Rules** in Bridge context. If you were looking for the same information regarding the [PAS Designer](#), refer to [OpenAPI Import Rules](#) in the Designer guide.

Schema objects can be defined inline or be a reference to an object of the definitions list.

A class is created for each schema object that is not a base type or array. If the schema object is in the definitions list, the key is used as class name instead a unique name is created using the path to the schema object (E.g.: "UserList\_Items", "users\_GET\_response" ...).

Element	Used By Importer	Description	More Information at ...
\$ref	✓	A reference to a schema defined in the definitions list. the schema object is replaced by the definition.	
type	✓	<p>The type of the object.</p> <ul style="list-style-type: none"><li>▪ <b>integer</b>: base type Integer is used.</li><li>▪ <b>number</b>: base type Float is used.</li><li>▪ <b>boolean</b>: base type Boolean is used.</li><li>▪ <b>string</b>: type depends on the format.<ul style="list-style-type: none"><li>▪ byte: base type Blob is used.</li><li>▪ date-time: base type DateTime is used.</li><li>▪ otherwise base type String is used.</li></ul></li><li>▪ <b>array</b>: if used as type of a parameter the parameter will be an <a href="#">E2EArray</a> and the class of items is used as arrayElement. If used as type of a property, the class of items is used and the multiplicity is set to 0..*.</li><li>▪ <b>object</b>: A class is created and properties are created regarding the allOf and properties values.</li></ul> <div>If type is not given at all, and the definition has no properties, it will be imported as <code>urn:Base_Types.Any</code>.</div>	
format	✓	The <b>format</b> of the object is used to be more specific when the type is <b>string</b> .	
items	✓	The <b>item</b> is a schema object to defined the type of element in the array. Only used if type is <b>array</b> .	
allOf	✓	List of schema object. The resulting class will contain all properties of all listed schema objects.	
properties	✓	List of properties. Each property is define by a name and a schema object. A property is created on the resulting class for each properties defined.	
additionalProperties	✗	This should allow to define a map/dictionary.	
xml	✗	Adds additional metadata to describe the XML representation format of this property.	