

jsonToClass

Syntax	<pre>set anObject = aString.jsonToClass() set anObject = jsonToClass(literal)</pre>		Related Pages:	
			<ul style="list-style-type: none">• JSON Type Mapping• classToJSON() Operation• extendedJSONToClass() Operation• classToExtendedJSON() Operation	
Semantics	The operation <code>jsonToClass()</code> takes an JSON string (<code>aString</code>) and tries to map it to <code>anObject</code> . If this is not possible, an error is raised.			
	By default, the following mapping rules apply: <ul style="list-style-type: none">• JSON attributes are mapped to class attributes having the same name.• Attributes not defined in the target class are ignored. For more mapping details refer to JSON Type Mapping .		Related Documentation:	
Substitutables	<code>aString</code>	A JSON document as String .		
	<code>anObject</code>	Target object, can be any object.	<ul style="list-style-type: none">• JSON Homepage• RFC 4627	
	<code>literal</code>	String literal.		

Examples

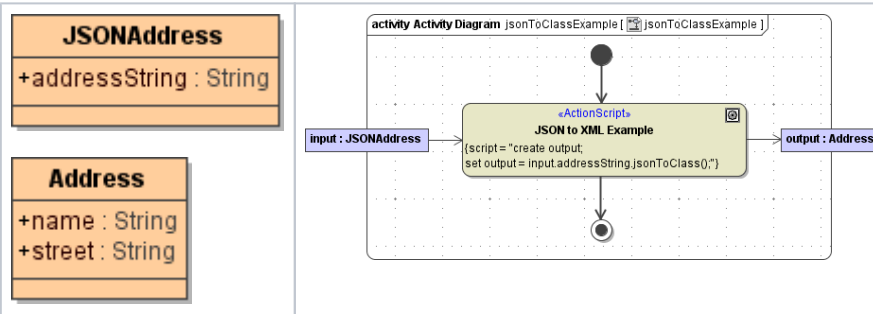
```
set myAddress = addressAsJSONDocument.jsonToClass();
```

The action script below creates an object of type **Address**. An output object flow state named **myAddress** of type **Address** needs to be defined in the activity diagram.

```
create myAddress;
set myAddress = addressAsJSONDocument.jsonToClass();
```

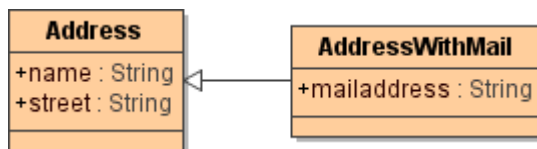
Below, a sample JSON string is shown to illustrate the mapping executed by the jsonToClass() operation. The JSON string is mapped to an instance of **Address** as shown in the activity diagram.

```
{"name":"John Snow", "street":"99, Malamute Street"}
```



Find below a second example, showing how to specify the Bridge type at runtime, e.g. if using a derived class.

```
{
  "e2e:type":"urn:json.e2e.ch.AddressWithMail",
  "name":"John Snow",
  "street":"99, Malamute Street",
  "mailaddress":"john.snow@winter.com"
}
```



The Bridge type is declared by the attribute "e2e:type". The type has to be specified like `<xml_namespace>.<classname>`

Example File (Builder project Add-ons/JSON):



<your example path>\Add-ons\JSON\uml\userManager.xml

For more information on JSON refer to the [JSON Homepage](#) or to [RFC 4627](#).