




classToExtendedJSON

Syntax	<pre>set aString = anObject.classToExtendedJson() set aString = anObject.classToExtendedJson(format) set aString = anObject.classToExtendedJson(options)</pre>	
Semantics	<p>The operation <code>classToExtendedJson()</code> takes any object (<code>anObject</code>) and tries to map it to an Extended JSON string <code>aString</code>.</p> <div><p> In opposition to classToJson() Operation, <code>classToExtendedJson()</code> preserves the order of attributes of the converted class. JSON types and xUML types are mapped as follows. If the conversion is not possible, an error is raised. See details also refer to Extended JSON.</p><p> <code>classToExtendedJSON()</code> does not support cyclic structures. When a cyclic structure is detected during serializing the given object, an exception will be thrown.</p></div>	
Substitutables	a n o b j e c t	Any object.
	a s t r i n g	Target Extended JSON document as String .
	f o r m a t	String that specifies the format of the Extended JSON that should be produced (more details see <code>options</code> below).

MongoDBAdapter_CustomerData_Example



Click the icon to download a simple example model that shows the usage of the MongoDB adapter in **Scheer PAS Designer**.

Related Pages:

- [extendedJSONToClass\(\) Operation](#)
- [classToJson\(\) Operation](#)
- [jsonToClass\(\) Operation](#)
- [MongoDB Adapter](#)

Related Documentation:

- [MongoDB Extended JSON](#)


options

This optional parameter is an object of type **ExtendedJSONComposerOptions**.

ExtendedJSONComposerOptions

+format : ExtendedJSONFormat [1]
+keepNulls : Boolean [1]
+writeTypeDiscriminator : Boolean [1] = false

Its attributes are:

Attribute	Type	Description	Allowed Values	
format	String	Use format to specify which kind of Extended JSON should be produced: canonical or relaxed Extended JSON.	canonical	Produce canonical Extended JSON (default).
			relaxed	Produce relaxed Extended JSON.
keepNulls	Boolean	When keepNulls is true, attributes of an Object with NULL values will be rendered to the Extended JSON object, otherwise they will be left out completely (see also chapter NULL Values). The default behavior of <code>classToJson()</code> (i.e. when called without options) is equivalent to keepNulls=false .	true	Render NULL attributes to the Extended JSON string.
			false	Leave out NULL attributes (default).
writeTypeDiscriminator	Boolean	Use writeTypeDiscriminator to suppress the generation of xUML type properties ("e2e:type") to the generated JSON. If this option is true, the Runtime will write the original xUML type to the generated JSON in form of "e2e:type": "<name of the original xUML type>" if the type being serialized does not match the expected metadata. This is necessary if you want to convert the generated Extended JSON back to an xUML class using extendedJSONToClass() Operation .  In contrast to classToJson() Operation , writeTypeDiscriminator defaults to false for <code>classToExtendedJSON()</code> .	true	Write xUML type discriminator.
			false	Do not write xUML type discriminator (default).

Examples

```
classToExtendedJson().  
set aMongoDBdocument = myAddress.classToExtendedJson();set  
aMongoDBdocument = myAddress.classToExtendedJson("relaxed");
```

For more information on Extended JSON refer to [MongoDB Extended JSON](#).