Memory

Stereotype Attributes

Memory Adapter

Attribute	Description		Allowed Values	
scope	Supply the scope of the operation.		The stored data is accessible globally to the service, and available across service calls (default).	
		se ssi on	The stored data is accessible within a service call.	
action	The adapter action derives from the used operation. Do not configure this.			

Memory Adapter Operations

store Operation

Store a value to memory.

• store (key : String, value : Any, hashMapKey : String, oldValue : Any

Name	Туре	Direction	Description
key	String	in	Set a key that can be used to access the stored value with the retrieve operation.
value	Any	in	Provide the data that should be stored to the memory.
hashMa pKey	String	in	In case the stored value is a hash map, you can use hashMapKey to provide the key of a hash map entry you want to override. Refer to Using the Memory Adapter with Maps for more information on this.
oldValue	Any	out	If the provided key is already present in the memory, it gets overwritten. In this case, oldValue returns the previous value. If no old value is present, oldV alue is NULL. In case value contains a hash map, oldValue returns the complete previously stored hash map.

retrieve Operation

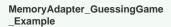
Retrieve a value from memory.

• retrieve (key : String, hashMapKey : String, value : Any)

Name	Туре	Direction	Description
key	String	in	Provide the key of the value that has been stored to memory with store. If no value with this key can be found, the Memory adapter throws error MEMADSM /9.
hashMa pKey	String	in	In case the stored value is a hash map, you can use hashMapKey to retrieve a dedicated value from the map. Refer to Using the Memory Adapter with Maps for more information on this.
value	Any	out	Returns the either the stored value, or the map entry.

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Click the icon to download a simple example model that shows the usage of the Memory adapter in **Scheer PAS** Desig ner.

MemoryAdapter_HashMap_Example



Click the icon to download a simple example model that shows the usage of the Memory adapter with hash maps in **Sc** heer PAS Designer.

Related Pages:

- Memory Adapter
- Using the Memory Adapter with Maps

remove Operation

Remove a value from memory.

ullet remove (key : String, hashMapKey : String, oldValue : Any)

Name	Туре	Direction	Description
key	String	in	Provide the key of the value that has been stored to memory with store. If no value with this key can be found, the Memory adapter throws error MEMADSM /12.
hashMa pKey	String	in	In case the stored value is a hash map, you can use hashMapKey to provide the key of a hash map entry you want to remove. Refer to Using the Memory Adapter with Maps for more information on this.
oldValue	Any	out	Returns the value of the memory item that has been removed. In case value contains a hash map, oldValue returns the complete previously stored hash map.

clear Operation

Clear all stored data. No parameters.