

```
//EXAMPLE DATASTORESERVICE-CLASS
```

```
import com.sap.gateway.ip.core.customdev.util.Message
```

```
//Imports for DataStoreService-class
```

```
import com.sap.it.api.asdk.datastore.*
```

```
import com.sap.it.api.asdk.runtime.*
```

```
Message processData(Message message) {
```

```
    //Get service instance
```

```
    def service = new Factory(DataStoreService.class).getService()
```

```
    //Check if valid service instance was retrieved
```

```
    if( service != null) {
```

```
        //Read data store entry via id
```

```
        def dsEntry = service.get("DatastoreName","EntryId")
```

```
        def result = new String(dsEntry.getDataAsArray())
```

```
        message.setBody(body)
```

```
    }
```

```
    return message
```

```
}
```

```
//EXAMPLE DATASTORE-CLASS
```

```
import com.sap.gateway.ip.core.customdev.util.Message
```

```
//Imports for the DataStore-class handling/access
```

```
import com.sap.esb.datastore.DataStore
```

```
import com.sap.esb.datastore.Data
```

```
import org.osgi.framework.*
```

```
Message processData(Message message) {
```

```

//Get CamelContext and from that the DataStore instance
def camelCtx = message.exchange.getContext()

DataStore dataStore =
(DataStore)camelCtx.getRegistry().lookupByName(DataStore.class.getName())

//Read from Datastore params => (DatastoreName, EntryId)
def dsEntry = dataStore.get("DatastoreFromGroovyServiceImpl", "TestEntry")

//Get datastore entry payload as String
def payload = new String(dsEntry.getDataAsArray())

//NOTE: If you pass the name context-name ad third parameter, you can read from
//  any datastore, regardless if it's global or local! The context name usually
//  equals the id of the IFlow a Datastore belongs to.
//def dsEntry = dataStore.get("DatastoreName", "ContextName", "EntryId")

//If you want to select multiple entry, use select-method and pass the
//following params => (DatastoreName , NumberOfEntriesToPull)
//def dsEntryArray = dataStore.select("DatastoreName", 10)

message.setBody(payload)
return message
}

```