

ODBgetDataset

ODBgetDataset[ODBapi] Transforms the response of the ODBapi into a Dataset

MORE INFORMATION

Arguments :

- The result of the ODBapi function

Returns:

- It is usually applied as a postfix operation on ODBapi. Strips the response from "result" string and transforms JSON string into Wolfram Dataset.

Dependencies:

- ODBgetDataset is based on DBjsonToDataset and DBjsonToAssociations function of the Utilities Package.

EXAMPLES

Basic Examples (1)

Execute ODBapi with the getClass command

```
In[1]:= classInfo = ODBapi[com -> "getClass", db -> "DemoDB", class -> "Person", debug -> True]
```

```
http://localhost:2480/class/DemoDB/Person
=== Body ===
```

```
Out[1]= {{{"name":"Person","superClass":"","superClasses":[],"alias":null,"abstract":false,"strictmode":false,"clusters": [12], "defaultCluster":12,"clusterSelection":"round-robin","records":0,"properties":[{"name":"personDOB","type":"DATE","mandatory":true,"readonly":false,"notNull":true,"min":null,"max":null,"regexp":null,"collate":"default"}, {"name":"personName","type":"STRING","mandatory":true,"readonly":false,"notNull":true,"min":null,"max":null,"regexp":null,"collate":"ci"}, {"name":"rentCar","linkedClass":"Car","type":"LINK","mandatory":false,"readonly":false,"notNull":false,"min":null,"max":null,"regexp":null,"collate":"default"}]}, 200}}
```

The postfix operation of **ODBgetDataset** transforms JSON Output above into a Wolfram Dataset Further processing can be applied on the resulting Dataset.

```
In[2]:= classInfoDS = classInfo // ODBgetDataset
```

Out[2]=

name	Person
superClass	
superClasses	{ }
alias	Null
abstract	False
strictmode	False
clusters	{ 12 }
defaultCluster	12
clusterSelection	round-robin
records	0
properties	{ < name → personDOB, linkedClass → KeyAbsent, type → DATE, ... ₆ > , ... ₂ }
3 levels 11 rows	

SEE ALSO

ODBgetFieldAttributes

MORE ABOUT

- OrientDB Package

RELATED LINKS

- ODBapi