

ODBgetFieldAttributes

`ODBgetFieldAttributes[Dataset, {attributes}]` Get the field (property) attributes from an OrientDB schema-full Class

MORE INFORMATION

Arguments :

- First argument is a Dataset that represents the response from the `getClass` command of `ODBapi`
- Second argument is a List of attributes

Returns :

- A table Dataset with columns the attributes of Class properties

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
```

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	

With the package function `ODBgetFieldAttributes` we can view specific attributes for all properties (fields) of the Car class

```
In[3]:= ODBgetFieldAttributes[classInfoDS, {"name", "linkedClass", "type", "mandatory", "notNull", "collate"}]
```

Out[3]=

name	linkedClass	type	mandatory	notNull	collate
personDOB	KeyAbsent	DATE	True	True	default
personName	KeyAbsent	STRING	True	True	ci
rentCar	Car	LINK	False	False	default

2 levels | 3 rows

SEE ALSO

ODBgetDataset

MORE ABOUT

- OrientDB Package

RELATED LINKS

- ODBapi