

# Package ‘OData’

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**Type** Package

**Title** R Helper for OData Web Services

**Version** 0.3

**Imports** XML, RJSONIO, utils

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**Description** Helper methods for accessing data from web service based on OData Protocol.  
It provides several helper methods to access the service meta-data, the data from datasets and to download some file resources (it only support CSV for now).  
For more information about OData go to <http://www.odata.org/documentation/>.

**License** GPL-2

**LazyData** TRUE

**RoxygenNote** 5.0.1

**NeedsCompilation** no

**Repository** CRAN

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downloadResourceCsv     *Download a CSV file from an URL*

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**Description**

Download a CSV file from an URL

**Usage**

```
downloadResourceCsv(url, separator)
```

**Arguments**

url	URL pointing at a CSV file
separator	Separator for the CSV file

**Value**

Data from a CSV file

**Author(s)**

BPM-Conseil

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entitySets     *Get a list of EntitySets for a web service base on OData*

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**Description**

Get a list of EntitySets for a web service base on OData

**Usage**

```
entitySets(url)
```

**Arguments**

url	URL to OData (needs to include \$format=json as parameter)
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**Value**

EntitySets of the OData target

**Author(s)**

BPM-Conseil

**Examples**

```
entitySets("http://odata.research.microsoft.com/odata.svc/?$format=json")
```

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metadata

*Get the metadata for a specific web service based on OData Protocol*

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**Description**

Get the metadata for a specific web service based on OData Protocol

**Usage**

```
metadata(url)
```

**Arguments**

url                      URL to OData (\$metada can be included as parameter to get more informations)

**Value**

The metadata of the OData target

**Author(s)**

BPM-Conseil

**Examples**

```
metadata("http://odata.research.microsoft.com/odata.svc/$metadata")
```

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OData

*OData: A helper package to access data from a web service based on OData Protocol.*

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**Description**

The OData package provides methods to easily call an OData web service and get data from datasets

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retrieveData	<i>Retrieve data as list from a dataset</i>
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**Description**

Retrieve data as list from a dataset

**Usage**

```
retrieveData(url)
```

**Arguments**

url                      URL to dataset (needs to include \$format=json as parameter)

**Value**

Data from the OData web service

**Author(s)**

BPM-Conseil

**Examples**

```
retrieveData("http://odata.research.microsoft.com/odata.svc/Labs?$format=json")
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